

Designed Expressly For Broadcast, Production, Post-Production & A/V

Product Guide 6.0



High-Performance Patching Systems

Bittree was established in 1978 with the goal of providing high-quality patching systems to the broadcast, entertainment and A/V industries. In the 30 years since then, we've earned an international reputation from customers like you for innovation, quality and customer satisfaction.

We offer a complete line of patching products, including audio, video, data and integrated systems. To ensure the durability, quality and responsiveness you need, all of our patching products are designed, manufactured, tested and warehoused in our Glendale, California plant, right in the heart of the entertainment industry.

Industry-Leading Innovation

Bittree is committed to continually improving the patching process for our broad base of users. Innovation at Bittree comes from two areas: System Design and Product Components.

On the system level, we were the first to design a 3-pin rearconnection interface. This system employs a proven "tuning fork" hermaphroditic contact, while still incorporating the positive aspects of crimp-on, snap-in technology. The result is a patching system that you'll find reliable, simple to install and easy to re-configure.

We were also the first to develop programmable patchbays, which allow users to change the normals and grounding of individual circuits just by changing the shunt arrangement under the designation strips or within the patchbay itself. More recently, we added the ability to program switched grounds, in addition to bussed, isolated and looped grounds as before.

And finally, our Integrated patchbays have answered space and functionality requirements within the multimedia environment, by combining audio, video and data patching in one integrated unit.

On the component level, our advanced research and development of base materials, processing techniques and construction methodology continues to create superior products that perform beyond your highest expectations.

Over the years our patchbays have been modified to conform to the increasingly rigid specifications and higher requirements set by systems engineers. Similarly, the new digital transmission standards have been met and even exceeded through a series of new jacks, patchcords and interconnection schemes.

Quality You Can Count On

All Bittree products are stringently designed, assembled and tested to meet your rigid quality standards.

We specify only the best materials, and all components are selected from established industry sources. Then, to ensure long-term functionality and dependability, each Bittree



product is rigorously tested – not only to industry standards but also to the specific demands and expectations of technicians in the field.

This meticulous attention to detail ensures that every Bittree product is as robust as it is precise, delivering a patching system you can count on again and again.

Expert, Customized Service

When you call Bittree, you're not only calling the leader in patching systems, but also the leader in customer service. Our knowledgeable and experienced Sales Consultants will help you select the products and systems that best serve your needs.

We know information and documentation is critical to your success. That's why we've upgraded our web site to bring you the industry's most valuable collection of tools and resources. Our web site now features technical specs, front/rear panel illustrations, downloadable CAD files and normal/ground schematics for each and every product. In addition, you can organize information in the MyProjects and MyFavorites sections, keep your deliveries and invoices arriving where they should through the User and Company Profiles, and print or email Product Spec Sheets for your bid packages.

At Bittree, we're aware that fast delivery is critical to your business. That's why we stock an extensive inventory of patchbays, patchcords, tools and accessories, many of which are available overnight from our online Patchcord Store. We're committed to delivering the patching solution you need – when you need it.

This catalog contains many but not all of our patching products. Visit our web site at www.bittree.com for additional product information.

Call our Project Consultants at (800) 500-8142 or (818) 500-8142 or log onto our web site at www.bittree.com.



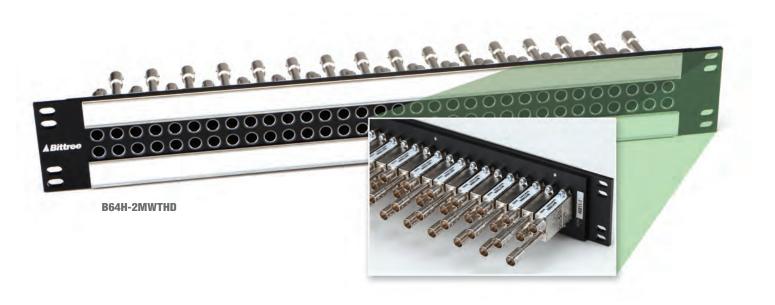
PRODUCT GUIDE | 6.0 Patching Systems and Accessories

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Important notice: All possible care has been taken in preparing this catalog. Statements and specifications are believed true but cannot be guaranteed and therefore we are not responsible for any inaccuracies. Catalog data alone should not be used as the basis for design or to establish specification limits. Bittree reserves the right to change or alter specifications or materials without notice, provided the function and performance of the product remains reasonably similar or is improved.

A Bittree

VIDEO MINI-WECO



Overview

Bittree offers a full line of Mini-WECO video patchbays. Whether you need high-bandwidth or component, Bittree brings you the widest range of reliable, durable video patchbays.

Our Mini-WECO patchbays feature a high-density 32 jacks per row, and are available in 1x32, 2x32 or 3x32 configurations. Available rack sizes include 1, 1.5 or 2 RU.

All Bittree video jacks are ideal for HD/SDI and SD/SDI use, and are SMPTE 292M and SMPTE 424M compliant.

Bittree Mini-WECO video patchbays are designed for exceptional performance in high-bandwidth applications such as HDTV, SDI, AES and high-resolution computer graphics, as well as in conventional analog applications such as monitor routing, primary routing, re-routing, router backup and video distribution.

Mini-WECO vs. WECO formats: Most video patching systems in the U.S. use the WECO standard, developed by the Western Electric Company in the middle of the 20th century. WECO patchbays are usually considered easier to work with due to their spacious jack configuration (24-26-28 jacks per row), while Mini-WECO patchbays are ideal for higher-density patching (32 jacks per row).

RS-422 PROG





- High-Density Mini-WECO format features 32 jacks per row
- 1x32, 2x32 or 3x32 configurations; 1, 1.5 or 2 RU sizes
- HD/SDI and SD/SDI
- SMPTE 292M and SMPTE 424M compliant

Our wide range of Mini-WECO Video high-bandwidth patchbays are designed to meet all of your patching needs, from high bit-rate digital signals to base-band analog. Bittree Mini-WECO video patchbays are ideal for high-bandwidth applications such as HDTV, SDI, AES and high-resolution computer graphics, as well as in conventional analog applications such as monitor routing, primary routing, re-routing, router backup and video distribution.

Mini-WECO High-Bandwidth Video Patchbay Features

- High-density video jack count of 32 jacks per row
- High-bandwidth performance for SD/SDI, HD/SDI, and 3 Gb/s applications
- Jacks conform to SMPTE 292M and SMPTE 424M
- True 750hm impedance with low return loss
- Panels made from 3/16" solid aluminum
- Staggered BNC rear interface
- Durable, scratch-resistant powder-coat finish
- Jacks are isolated from the panel
- Extra wide designation strips

Mini-WECO High-Bandwidth Video Patchbay Options

- Video panel can be configured 1x32, 2x32 or 3x32
- Available in 1, 1.5 or 2 rack units (RU)
- Black or gray front panel
- Jacks may be ordered in four different configurations:
 - o Dual self-normaling, terminating (2MWTHD)
 - o Dual self-normaling, non-terminating (2MWNHD)
 - o Single non-normaling, terminating (1MWTHD)
 - o Single non-normaling, non-terminating (1MWNHD)

ACCESSORIES



DESCRIPTION	PRODUCT NUMBER
1x32, 1 RU, Black	
1x32, 1 RU, Black, Single Non-Normal / Non-Terminating	B32S-1MWNHD
1x32, 1 RU, Black, Single Non-Normal / Terminating	B32S-1MWTHD
1x32, 1 ko, black, oligie kon konnar / terminating	DOZO INIW IIID
1x32, 1 RU, Gray	
1x32, 1 RU, Gray, Single Non-Normal / Non-Terminating	G32S-1MWNHD
1x32, 1 RU, Gray, Single Non-Normal / Terminating	G32S-1MWTHD
2x32, 1 RU, Black	
2x32, 1 RU, Black, Single Non-Normal / Non-Terminating	B64S-1MWNHD
2x32, 1 RU, Black, Single Non-Normal / Terminating	B64S-1MWTHD
2x32, 1 RU, Black, Dual Full-Normal / Non-Terminating	B64S-2MWNHD
2x32, 1 RU, Black, Dual Full-Normal / Terminating	B64S-2MWTHD
2v22 1 5 DU Black	
2x32, 1.5 RU, Black 2x32, 1.5 RU, Black, Single Non-Normal / Non-Terminating	B64H-1MWNHD
2x32, 1.5 RU, Black, Single Non-Normal / Terminating	B64H-1MWTHD
2x32, 1.5 RU, Black, Dual Full-Normal / Non-Terminating	B64H-2MWNHD
	B64H-2MWTHD
2x32, 1.5 RU, Black, Dual Full-Normal / Terminating	D04U-71MIMIU
2x32, 2 RU, Black	
2x32, 2 RU, Black, Single Non-Normal / Non-Terminating	B64T-1MWNHD
2x32, 2RU, Black, Single Non-Normal / Terminating	B64T-1MWTHD
2x32, 2 RU, Black, Dual Full-Normal / Non-Terminating	B64T-2MWNHD
2x32, 2 RU, Black, Dual Full-Normal / Terminating	B64T-2MWTHD
2x32, 1 RU, Gray	
2x32, 1 RU, Gray, Single Non-Normal / Non-Terminating	G64S-1MWNHD
2x32,1 RU, Gray, Single Non-Normal / Terminating	G64S-1MWTHD
2x32, 1 RU, Gray, Dual Full-Normal / Non-Terminating	G64S-2MWNHD
2x32, 1 RU, Gray, Dual Full-Normal / Terminating	G64S-2MWTHD
2x32, 1.5 RU, Gray	
2x32, 1.5 RU, Gray, Single Non-Normal / Non-Terminating	G64H-1MWNHD
2x32, 1.5 RU, Gray, Single Non-Normal / Terminating	G64H-1MWTHD
2x32, 1.5 RU, Gray, Dual Full-Normal / Non-Terminating	G64H-2MWNHD
2x32, 1.5 RU, Gray, Dual Full-Normal / Terminating	G64H-2MWTHD
2x32, 1.5 KO, Glay, Duai Fuir-Normai / Terminating	G0411-2101W 111D
2x32, 2 RU, Gray	
2x32, 2 RU, Gray, Single Non-Normal / Non-Terminating	G64T-1MWNHD
2x32, 2 RU, Gray, Single Non-Normal / Terminating	G64T-1MWTHD
2x32, 2 RU, Gray, Dual Full-Normal / Non-Terminating	G64T-2MWNHD
2x32, 2 RU, Gray, Dual Full-Normal / Non-Terminating	G64T-2MWNHD
3x32, 2 RU, Black	
3x32, 2 RU, Black, Single Non-Normal / Non-Terminating	B96T-1MWNHD
3x32, 2 RU, Black, Single Non-Normal / Terminating	B96T-1MWTHD
3x32, 2 RU, Black, Dual Full- Normal / Non-Terminating	B96T-2MWNHD
3x32, 2 RU, Black, Dual Full- Normal / Terminating	B96T-2MWTHD
3x32, 2 RU, Gray	
3x32, 2 RU, Gray, Single Non-Normal / Non-Terminating	G96T-1MWNHD
3x32, 2 RU, Gray, Single Non-Normal / Terminating	G96T-1MWTHD
3x32, 2 RU, Gray, Dual Full- Normal / Non-Terminating	G96T-2MWNHD
5X5Z, Z NU, GIAV, DUALFILLE NULLIALZ NULLEPETITUATUS	

VIDEO WECO

ACCESSORIES





- RGB and RGBHV Component models available
- 1 or 2 RU sizes, with offset chevron design to ensure correct patchcord insertion
- HD/SDI and SD/SDI
- SMPTE 292M and SMPTE 424M compliant
- Corresponding three-wire and five-wire patchcords available

Our wide range of Mini-WECO Video Component patchbays are designed to meet all of your patching needs, from high bit-rate digital signals to base-band analog. Bittree Mini-WECO video patchbays are ideal for high-bandwidth applications such as HDTV, SDI, AES and high-resolution computer graphics, as well as in conventional analog applications such as monitor routing, primary routing, re-routing, router backup and video distribution.

Mini-WECO Component Video Patchbay Features

- High-bandwidth performance for SD/SDI, HD/SDI, and 3 Gb/s applications
- Jacks conform to SMPTE 292M and SMPTE 424M
- True 75ohm impedance with low return loss
- The center RGB circuit is offset to ensure correct patchcord insertion
- Panels made from 3/16" solid aluminum
- Staggered BNC rear interface
- Durable, scratch-resistant powder-coat finish
- Jacks are isolated from the panel
- Extra wide designation strips
- 3-circuit and 5-circuit patchcords available for RGB and RGBHV

Mini-WECO High-Bandwidth Video Patchbay Options

- RGB and RGBHV Component models available
- Circuit counts range from 1 x 6 up through 2 x 10
- Available in 1 or 2 rack units (RU)
- For higher density, some component video patchbays use a vertical jack configuration
- Black or gray front panel
- Jacks may be ordered in four different configurations:
 - o Dual self-normaling, terminating (2MWTHD)
 - o Dual self-normaling, non-terminating (2MWNHD)
 - o Single non-normaling, terminating (1MWTHD)
 - o Single non-normaling, non-terminating (1MWNHD)

INTEGRATED



DESCRIPTION	PRODUCT NUMBER
RGB, 1 x 10, 1 RU, Black RGB, 1 x 10, 1 RU, Black, Single Non-Normal / Non-Terminating RGB, 1 x 10, 1 RU, Black, Single Non-Normal / Terminating	BRGB10S-1MN BRGB10S-1MT
RGB, 1 x 10, 1 RU, Gray RGB, 1 x 10, 1 RU, Gray, Single Non-Normal / Non-Terminating RGB, 1 x 10, 1 RU, Gray, Single Non-Normal / Terminating	GRGB10S-1MN GRGB10S-1MT
RGB, 2 x 10, 2 RU, Black RGB, 2 x 10, 2 RU, Black, Single Non-Normal / Non-Terminating RGB, 2 x 10, 2 RU, Black, Single Non-Normal / Terminating RGB, 2 x 10, 2 RU, Black, Dual Full-Normal / Non-Terminating RGB, 2 x 10, 2 RU, Black, Dual Full-Normal / Terminating	BRGB20T-1MN BRGB20T-1MT BRGB20T-2MN BRGB20T-2MT
RGB, 2 x 10, 2 RU, Gray RGB, 2 x 10, 2 RU, Gray, Single Non-Normal / Non-Terminating RGB, 2 x 10, 2 RU, Gray, Single Non-Normal / Terminating RGB, 2 x 10, 2 RU, Gray, Dual Full-Normal / Non-Terminating RGB, 2 x 10, 2 RU, Gray, Dual Full-Normal / Terminating	GRGB20T-1MN GRGB20T-1MT GRGB20T-2MN GRGB20T-2MT
RGBHV, 1 x 6, 1 RU, Black RGBHV, 1 x 6, 1 RU, Black, Single Non-Normal / Non-Terminating RGBHV, 1 x 6, 1 RU, Black, Single Non-Normal / Terminating	BRGBHV6S-1MN BRGBHV6S-1MT
RGBHV, 1 x 6, 1 RU, Gray RGBHV, 1 x 6, 1 RU, Gray, Single Non-Normal / Non-Terminating RGBHV, 1 x 6, 1 RU, Gray, Single Non-Normal / Terminating	GRGBHV6S-1MN GRGBHV6S-1MT
RGBHV, 2 x 6, 2 RU, Black RGBHV, 2 x 6, 2 RU, Black, Single Non-Normal / Non-Terminating RGBHV, 2 x 6, 2 RU, Black, Single Non-Normal / Terminating RGBHV, 2 x 6, 2 RU, Black, Dual Full-Normal / Non-Terminating RGBHV, 2 x 6, 2 RU, Black, Dual Full-Normal / Terminating	BRGBHV12T-1MN BRGBHV12T-1MT BRGBHV12T-2MN BRGBHV12T-2MT
RGBHV, 2 x 6, 2 RU, Gray RGBHV, 2 x 6, 2 RU, Gray, Single Non-Normal / Non-Terminating RGBHV, 2 x 6, 2 RU, Gray, Single Non-Normal / Terminating RGBHV, 2 x 6, 2 RU, Gray, Dual Full-Normal / Non-Terminating RGBHV, 2 x 6, 2 RU, Gray, Dual Full-Normal / Terminating	GRGBHV12T-1MN GRGBHV12T-1MT GRGBHV12T-2MN GRGBHV12T-2MT
RGBHV, 2 x 10, 2 RU, Black RGBHV, 2 x 10, 2 RU, Black, Single Non-Normal / Non-Terminating RGBHV, 2 x 10, 2 RU, Black, Single Non-Normal / Terminating RGBHV, 2 x 10, 2 RU, Black, Dual Full-Normal / Non-Terminating RGBHV, 2 x 10, 2 RU, Black, Dual Full-Normal / Terminating	BRGBHV20T-1MN BRGBHV20T-1MT BRGBHV20T-2MN BRGBHV20T-2MT
RGBHV, 2 x 10, 2 RU, Gray RGBHV, 2 x 10, 2 RU, Gray, Single Non-Normal / Non-Terminating RGBHV, 2 x 10, 2 RU, Gray, Single Non-Normal / Terminating RGBHV, 2 x 10, 2 RU, Gray, Dual Full-Normal / Non-Terminating RGBHV, 2 x 10, 2 RU, Gray, Dual Full-Normal / Terminating	GRGBHV20T-1MN GRGBHV20T-1MT GRGBHV20T-2MN GRGBHV20T-2MT

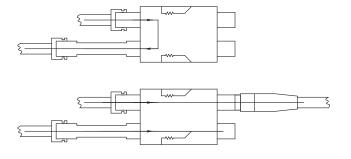
VIDEO WECO



VIDEO MINI WECO

Full-Normal / Terminating

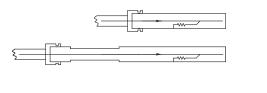
Signal flows through jack in un-patched state. When a patchcord is inserted, the signal path follows the patchcord, and the opposite side of the jack is terminated with a 75 Ohm resister.



2MWTHD

Non-Normal / Terminating

Features a single patch-point. With patchcord inserted, circuit follows patchcord. When patchcord is removed, circuit is terminated with a 75 Ohm resister.

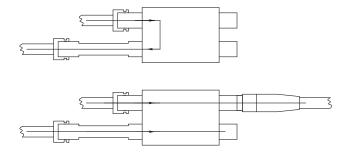




1MWTHD

Full-Normal / Non-Terminating

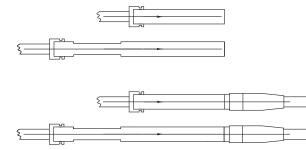
Signal flows through jack in un-patched state. When a patchcord is inserted, the signal path follows the patchcord.



2MWNHD

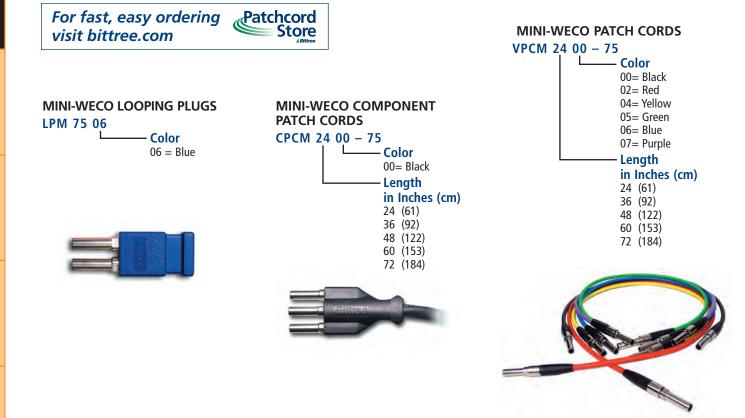
Non-Normal / Non-Terminating

Features a single patch-point. With patchcord inserted, circuit follows patchcord.

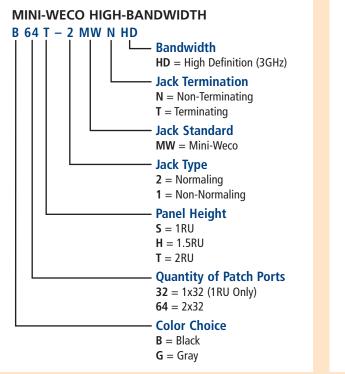


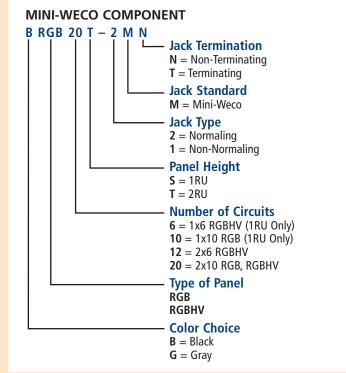
1MWNHD





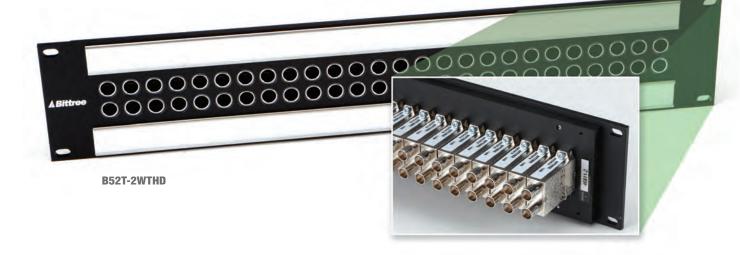
Our easy-to-use Ordering Codes let you order the exact patching system you need. As shown in the charts below, simply choose the option you want for each specification.





A Bittree

VIDEO WECO



Overview

Bittree offers a full line of WECO video patchbays. Whether you need high-bandwidth or component, Bittree brings you the widest range of reliable, durable video patchbays.

Our WECO video patchbays feature 24, 26 or 28 jacks per row, and are available in one or two row configurations. Available rack sizes include 1, 1.5 or 2 RU.

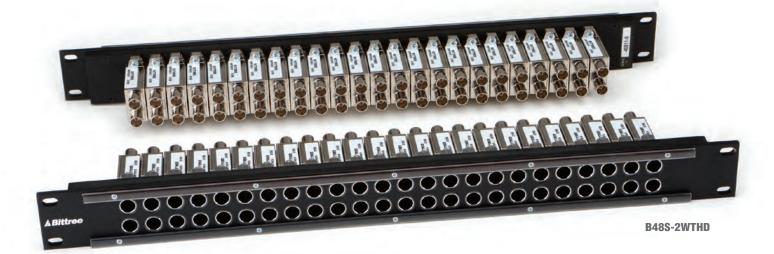
All Bittree video jacks are ideal for HD/SDI and SD/SDI use, and are SMPTE 292M and SMPTE 424M compliant.

Bittree WECO video patchbays are designed for exceptional performance in high-bandwidth applications such as HDTV, SDI, AES and high-resolution computer graphics, as well as in conventional analog applications such as monitor routing, primary routing, re-routing, router backup and video distribution.

Mini-WECO vs. WECO formats: Most video patching systems in the U.S. use the WECO standard, developed by the Western Electric Company in the middle of the 20th century. WECO patchbays are usually considered easier to work with due to their spacious jack configuration (24-26-28 jacks per row), while Mini-WECO patchbays are ideal for higher-density patching (32 jacks per row).

INTEGRATED





- Spacious WECO format features 24, 26 or 28 jacks per row
- 1x32, 2x32 or 3x32 configurations; 1, 1.5 or 2 RU sizes •
- HD/SDI and SD/SDI .
- SMPTE 292M and SMPTE 424M compliant

Our wide range of WECO Video high-bandwidth patchbays are designed to meet all of your patching needs, from high bit-rate digital signals to base-band analog. Bittree WECO video patchbays are ideal for high-bandwidth applications such as HDTV, SDI, AES and high-resolution computer graphics, as well as in conventional analog applications such as monitor routing, primary routing, re-routing, router backup and video distribution.

WECO High-Bandwidth Video **Patchbay Features**

- High-bandwidth performance for SD/SDI, HD/SDI, and 3 Gb/s applications
- Jacks conform to SMPTE 292M and SMPTE 424M
- ٠ True 750hm impedance with low return loss
- Panels made from 3/16" solid aluminum ٠
- Staggered BNC rear interface ٠
- Durable, scratch-resistant powder-coat finish
- Jacks are isolated from the panel
- Extra wide designation strips

WECO High-Bandwidth Video Patchbay Options

- Spacious video jack counts of 24, 26 or 28 jacks per row, in one or two row configurations
- Available in 1, 1.5 or 2 rack units (RU)
- Black or gray front panel
- Jacks may be ordered in four different configurations:
 - o Dual self-normaling, terminating (2MWTHD)
 - o Dual self-normaling, non-terminating (2MWNHD)
 - Single non-normaling, terminating (1MWTHD) 0
 - Single non-normaling, non-terminating 0 (1MWNHD)



DESCRIPTION	PRODUCT NUMBER
1x24, 1 RU, Black	DAC IMMUD
1x24, 1 RU, Black, Single Non-Normal / Non-Terminating 1x24, 1 RU, Black, Single Non-Normal / Terminating	B24S-1WNHD B24S-1WTHD
1x24, 1 Ko, Diack, Shigie Non Normal / Terminating	6245 TW 1110
1x24, 1 RU, Gray	
1x24, 1 RU, Gray Single Non-Normal / Non-Terminating	G24S-1WNHD
1x24, 1 RU, Gray Single Non-Normal / Terminating	G24S-1WTHD
1x26, 1 RU, Black	
1x26, 1 RU, Black, Single Non-Normal / Non-Terminating	B26S-1WNHD
1x26, 1 RU, Black, Single Non-Normal / Terminating	B26S-1WTHD
1x26, 1 RU, Gray	
1x26, 1 RU, Gray Single Non-Normal / Non-Terminating	G26S-1WNHD
1x26, 1 RU, Gray Single Non-Normal / Terminating	G26S-1WTHD
1x28, 1 RU, Black	
1x28, 1 RU, Black, Single Non-Normal / Non-Terminating	B28S-1WNHD
1x28, 1 RU, Black, Single Non-Normal / Terminating	B28S-1WTHD
1v29 1 PH Grov	
1x28, 1 RU, Gray 1x28, 1 RU, Gray Single Non-Normal / Non-Terminating	G28S-1WNHD
1x28, 1 RU, Gray Single Non-Normal / Terminating	G28S-1WNHD G28S-1WTHD
2x24, 1 RU, Black	
2x24, 1 RU, Black, Single Non-Normal / Non-Terminating	B48S-1WNHD
2x24, 1 RU, Black, Single Non-Normal / Terminating	B48S-1WTHD
2x24, 1 RU, Black, Dual Full-Normal / Non-Terminating	B48S-2WNHD
2x24, 1 RU, Black, Dual Full-Normal / Terminating	B48S-2WTHD
2x24, 1.5 RU, Black	
2x24, 1.5 RU, Black, Single Non-Normal / Non-Terminating	B48H-1WNHD
2x24, 1.5 RU, Black, Single Non-Normal / Terminating	B48H-1WTHD
2x24, 1.5 RU, Black, Dual Full-Normal / Non-Terminating	B48H-2WNHD
2x24, 1.5 RU, Black, Dual Full-Normal / Terminating	B48H-2WTHD
2x24, 2 RU, Black	
2x24, 2 RU, Black, Single Non-Normal / Non-Terminating	B48T-1WNHD
2x24, 2 RU, Black, Single Non-Normal / Terminating	B48T-1WTHD
2x24, 2 RU, Black, Dual Full-Normal / Non-Terminating	B48T-2WNHD
2x24, 2 RU, Black, Dual Full-Normal / Terminating	B48T-2WTHD
2v24 1 PIL Grov	
2x24, 1 RU, Gray, Single Non-Normal / Non-Terminating	G48S-1WNHD
2x24, 1 RU, Gray, Single Non-Normal / Terminating	G48S-1WTHD
2x24, 1 RU, Gray, Dual Full-Normal / Non-Terminating	G48S-2WNHD
2x24, 1 RU, Gray, Dual Full-Normal / Terminating	G48S-2WTHD
2x24 1 5 PH Grov	
2x24, 1.5 RU, Gray 2x24, 1.5 RU, Gray, Single Non-Normal / Non-Terminating	G48H-1WNHD
2x24, 1.5 RU, Gray, Single Non-Normal / Terminating	G48H-1WTHD
2x24, 1.5 RU, Gray, Dual Full-Normal / Non-Terminating	G48H-2WNHD
2x24, 1.5 RU, Gray, Dual Full-Normal / Terminating	G48H-2WTHD
2x24, 2 RU, Gray	C 40T 111D UD
2x24, 2 RU, Gray, Single Non-Normal / Non-Terminating	G48T-1WNHD
2x24, 2 RU, Gray, Single Non-Normal / Terminating 2x24, 2 RU, Gray, Dual Full-Normal / Non-Terminating	G48T-1WTHD G48T-2WNHD
2x24, 2 RU, Gray, Dual Full-Normal / Non-terminating	G48T-2WTHD
2x26, 1 RU, Black	
2x26, 1 RU, Black, Single Non-Normal / Non-Terminating	B52S-1WNHD
2x26, 1 RU, Black, Single Non-Normal / Terminating	B52S-1WTHD
2x26, 1 RU, Black, Dual Full-Normal / Non-Terminating 2x26, 1 RU, Black, Dual Full-Normal / Terminating	B52S-2WNHD B52S-2WTHD
2720, 1 NO, DIACK, DUAI FUII-INVIIIIAI / TETTIIIIIAUIIIg	B52S-2WTHD



DESCRIPTION	PRODUCT NUMBER
2x26, 1.5 RU, Black 2x26, 1.5 RU, Black, Single Non-Normal / Non-Terminating	
2x26, 1.5 RU, Black, Single Non-Normal / Non-Terminating 2x26, 1.5 RU, Black, Single Non-Normal / Terminating	B52H-1WNHD B52H-1WTHD
2x26, 1.5 RU, Black, Dual Full-Normal / Non-Terminating	B52H-2WNHD
2x26, 1.5 RU, Black, Dual Full-Normal / Terminating	B52H-2WTHD
2x26, 2 RU, Black	
2x26, 2 RU, Black, Single Non-Normal / Non-Terminating	B52T-1WNHD
2x26, 2 RU, Black, Single Non-Normal / Terminating	B52T-1WTHD
2x26, 2 RU, Black, Dual Full-Normal / Non-Terminating	B52T-2WNHD
2x26, 2 RU, Black, Dual Full-Normal / Terminating	B52T-2WTHD
3x26 1 BU Grov	
2x26, 1 RU, Gray 2x26, 1 RU, Gray, Single Non-Normal / Non-Terminating	G52S-1WNHD
2x26, 1 RU, Gray, Single Non-Normal / Terminating	G52S-1WTHD
2x26, 1 RU, Gray, Dual Full-Normal / Non-Terminating	G52S-2WNHD
2x26, 1 RU, Gray, Dual Full-Normal / Terminating	G52S-2WTHD
2x26, 1.5 RU, Gray	
2x26, 1.5 RU, Gray, Single Non-Normal / Non-Terminating	G52H-1WNHD
2x26, 1.5 RU, Gray, Single Non-Normal / Terminating	G52H-1WTHD
2x26, 1.5 RU, Gray, Dual Full-Normal / Non-Terminating	G52H-2WNHD
2x26, 1.5 RU, Gray, Dual Full-Normal / Terminating	G52H-2WTHD
2x26, 2 RU, Gray	
2x26, 2 RU, Gray, Single Non-Normal / Non-Terminating	G52T-1WNHD
2x26, 2 R0, Gray, Single Non-Normal / Terminating	G52T-1WTHD
2x26, 2 RU, Gray, Dual Full-Normal / Non-Terminating	
	G52T-2WNHD
2x26, 2 RU, Gray, Dual Full-Normal / Terminating	G52T-2WTHD
2x28, 1 RU, Black	
2x28, 1 RU, Black, Single Non-Normal / Non-Terminating	B56S-1WNHD
2x28, 1 RU, Black, Single Non-Normal / Terminating	B56S-1WTHD
2x28, 1 RU, Black, Dual Full-Normal / Non-Terminating	B56S-2WNHD
2x28, 1 RU, Black, Dual Full-Normal / Terminating	B56S-2WTHD
2x28, 1.5 RU, Black	
2x28, 1.5 RU, Black, Single Non-Normal / Non-Terminating	B56H-1WNHD
2x20, 1.5 RU, Black, Single Non-Normal / Terminating	B56H-1WTHD
2x28, 1.5 RU, Black, Dual Full-Normal / Non-Terminating	B56H-2WNHD
2x28, 1.5 RU, Black, Dual Full-Normal / Non-Terminating	B56H-2WTHD
2x28, 2 RU, Black 2x28, 2 RU, Black, Single Non-Normal / Non-Terminating	B56T-1WNHD
2x28, 2 RU, Black, Single Non-Normal / Terminating	B56T-1WTHD
2x28, 2 RU, Black, Dual Full-Normal / Non-Terminating	
2x28, 2 RU, Black, Dual Full-Normal / Non-Terminating 2x28, 2 RU, Black, Dual Full-Normal / Terminating	B56T-2WNHD B56T-2WTHD
	DJ01-2 W 111D
2x28, 1 RU, Gray	
2x28, 1 RU, Gray, Single Non-Normal / Non-Terminating	G56S-1WNHD
2x28, 1 RU, Gray, Single Non-Normal / Terminating	G56S-1WTHD
2x28, 1 RU, Gray, Dual Full-Normal / Non-Terminating	G56S-2WNHD
2x28, 1 RU, Gray, Dual Full-Normal / Terminating	G56S-2WTHD
2x28, 1.5 RU, Gray	
2x28, 1.5 RU, Gray, Single Non-Normal / Non-Terminating	G56H-1WNHD
2x28, 1.5 RU, Gray, Single Non-Normal / Terminating	G56H-1WTHD
2x28, 1.5 RU, Gray, Dual Full-Normal / Non-Terminating	G56H-2WNHD
2x28, 1.5 RU, Gray, Dual Full-Normal / Terminating	G56H-2WTHD
2x28, 2 RU, Gray	
2x28 2 DIL Cray Single Non Normal / Non Terminating	
	G56T-1WNHD
2x28, 2 RU, Gray, Single Non-Normal / Non-Terminating 2x28, 2 RU, Gray, Single Non-Normal / Terminating 2x28, 2 RU, Gray, Dual Full-Normal / Non-Terminating	G56T-1WNHD G56T-1WTHD G56T-2WNHD

ACCESSORIES

VIDEO MINI WECO

AUDIO TT

AUDIO 1/4"





- RGB and RGBHV Component models available
- 1 or 2 RU sizes, with offset chevron design to ensure correct patchcord insertion
- HD/SDI and SD/SDI
- SMPTE 292M and SMPTE 424M compliant
- Corresponding three-wire and five-wire patchcords available

Our wide range of WECO Video Component patchbays are designed to meet all of your patching needs, from high bit-rate digital signals to base-band analog. Bittree WECO video patchbays are ideal for high-bandwidth applications such as HDTV, SDI, AES and high-resolution computer graphics, as well as in conventional analog applications such as monitor routing, primary routing, re-routing, router backup and video distribution.

WECO Component Video Patchbay Features

- High-bandwidth performance for SD/SDI, HD/SDI, and 3 Gb/s applications
- Jacks conform to SMPTE 292M and SMPTE 424M
- True 75ohm impedance with low return loss
- The center RGB circuit is offset to ensure correct patchcord insertion
- Panels made from 3/16" solid aluminum
- Staggered BNC rear interface
- Durable, scratch-resistant powder-coat finish
- Jacks are isolated from the panel
- Extra wide designation strips
- 3-circuit and 5-circuit patchcords available for RGB and RGBHV

WECO Component Video Patchbay Options

- RGB and RGBHV Component models available
- Circuit counts range from 1 x 5 up through 2 x 10
- Available in 1 or 2 rack units (RU)
- Black or gray front panel
- Jacks may be ordered in four different configurations:
 - o Dual self-normaling, terminating (2MWTHD)
 - o Dual self-normaling, non-terminating (2MWNHD)
 - o Single non-normaling, terminating (1MWTHD)
 - o Single non-normaling, non-terminating (1MWNHD)

RS-422 PROG.

ACCESSORIES



DESCRIPTION	PRODUCT NUMBER
RGB, 1x8, 1 RU, Black	
RGB, 1x8, 1 RU, Black, Single Non-Normal / Non-Terminating	BRGB8S-1WN
RGB, 1x8, 1 RU, Black, Single Non-Normal / Terminating	BRGB8S-1WT
RGB, 1x8, 1 RU, Gray	
RGB, 1x8, 1 RU, Gray, Single Non-Normal / Non-Terminating	GRGB8S-1WN
GB, 1x8, 1 RU, Gray, Single Non-Normal / Terminating	GRGB8S-1WT
GB, 2x8, 2 RU, Black	
GB, 2x8, 2 RU, Black, Single Non-Normal / Non-Terminating	BRGB16T-1WN
GB, 2x8, 2 RU, Black, Single Non-Normal / Terminating	BRGB16T-1WT
GB, 2x8, 2 RU, Black, Dual Full-Normal / Non-Terminating	BRGB16T-2WN
RGB, 2x8, 2 RU, Black, Dual Full-Normal / Terminating	BRGB16T-2WT
RGB, 2x8, 2 RU, Gray	
RGB, 2x8, 2 RU, Gray, Single Non-Normal / Non-Terminating	GRGB16T-1WN
RGB, 2x8, 2 RU, Gray, Single Non-Normal / Terminating	GRGB16T-1WT
RGB, 2x8, 2 RU, Gray, Dual Full-Normal / Non-Terminating	GRGB16T-2WN
RGB, 2x8, 2 RU, Gray, Dual Full-Normal / Terminating	GRGB16T-2WT
RGB, 2x10, 2 RU, Black	
RGB, 2x10, 2 RU, Black, Single Non-Normal / Non-Terminating	BRGB20T-1WN
CGB, 2x10, 2 RU, Black, Single Non-Normal / Terminating	BRGB20T-1WT
RGB, 2x10, 2 RU, Black, Dual Full-Normal / Non-Terminating	BRGB20T-2WN
RGB, 2x10, 2 RU, Black, Dual Full-Normal / Terminating	BRGB20T-2WT
RGB, 2x10, 2 RU, Gray	
RGB, 2x10, 2 RU, Gray, Single Non-Normal / Non-Terminating	GRGB20T-1WN
RGB, 2x10, 2 RU, Gray, Single Non-Normal / Terminating	GRGB20T-1WT
RGB, 2x10, 2 RU, Gray, Dual Full-Normal / Non-Terminating	GRGB20T-2WN
RGB, 2x10, 2 RU, Gray, Dual Full-Normal / Terminating	GRGB20T-2WT
RGBHV, 1x5, 1 RU, Black	
RGBHV, 1x5, 1 RU, Black, Single Non-Normal / Non-Terminating	BRGBHV5S-1WN
RGBHV, 1x5, 1 RU, Black, Single Non-Normal / Terminating	BRGBHV5S-1WT
RGBHV, 1x5, 1 RU, Gray	
RGBHV, 1x5, 1 RU, Gray, Single Non-Normal / Non-Terminating	GRGBHV5S-1WN
RGBHV, 1x5, 1 RU, Gray, Single Non-Normal / Terminating	GRGBHV5S-1WN GRGBHV5S-1WT
RGBHV, 2x5, 2 RU, Black	DDCDUU/10T 133/N
RGBHV, 2x5, 2 RU, Black, Single Non-Normal / Non-Terminating	BRGBHV10T-1WN
RGBHV, 2x5, 2 RU, Black, Single Non-Normal / Terminating	BRGBHV10T-1WT
RGBHV, 2x5, 2 RU, Black, Dual Full-Normal / Non-Terminating RGBHV, 2x5, 2 RU, Black, Dual Full-Normal / Terminating	BRGBHV10T-2WN BRGBHV10T-2WT
-	
RGBHV, 2x5, 2 RU, Gray RGBHV, 2x5, 2 RU, Gray, Single Non-Normal / Non-Terminating	GRGBHV10T-1WN
RGBHV, 2x5, 2 RU, Gray, Single Non-Normal / Terminating	GRGBHV10T-1WT
RGBHV, 2x5, 2 RU, Gray, Dual Full-Normal / Non-Terminating	GRGBHV10T-2WN
RGBHV, 2x5, 2 RU, Gray, Dual Full-Normal / Non-terminating	GRGBHV101-2WN GRGBHV10T-2WT
NODITY, 2NJ, 2 NO, GIAY, DUAI FUII-NOTIIIAI / TETITIIIAUIIg	GRGD11V 10 1-2 VV 1

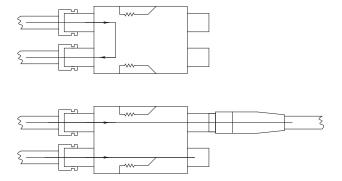
VIDEO MINI WECO



VIDEO WECO

Full-Normal / Terminating

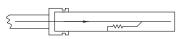
Signal flows through jack in un-patched state. When a patchcord is inserted, the signal path follows the patchcord, and the opposite side of the jack is terminated with a 75 Ohm resister.



2WTHD

Non-Normal / Terminating

Features a single patch-point. With patchcord inserted, circuit follows patchcord. When patchcord is removed, circuit is terminated with a 75 Ohm resister.





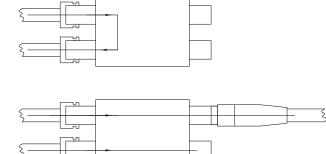
1WTHD

Full-Normal / Non-Terminating

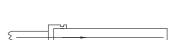
Signal flows through jack in un-patched state. When a patchcord is inserted, the signal path follows the patchcord.



Features a single patch-point. With patchcord inserted, circuit follows patchcord.



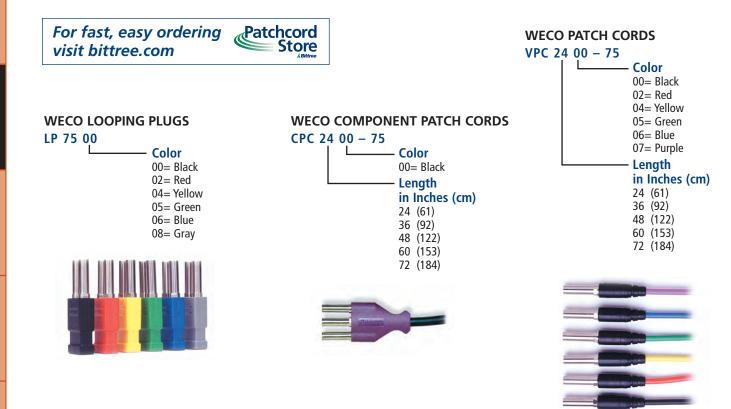
2WNHD



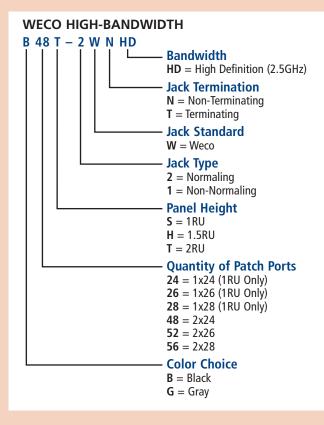


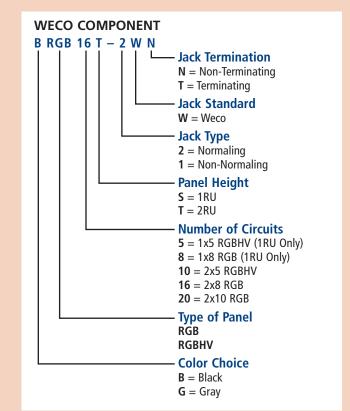
1WNHD





Our easy-to-use Ordering Codes let you order the exact patching system you need. As shown in the charts below, simply choose the option you want for each specification.





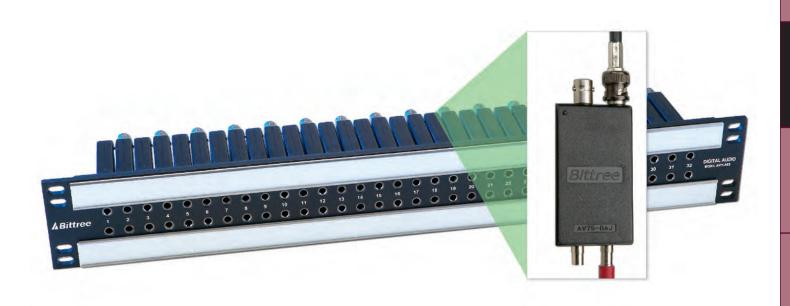
O WECO

RS-422 PROG

ACCESSORIES

A Bittree

AES AUDIO



Overview

Bittree's new 2 x 32 AES 75-ohm Audio Patchbay was developed specifically for today's digital audio environment, and serves as the ideal foundation for lower-cost, more reliable and easier-to-install digital audio patching systems.

The key lies in the patchbay's hybrid bantam/BNC jack, featuring a patent-pending 75-ohm bantam jack with a BNC rear interface. The new jack – coupled with Bittree's new 75-ohm patchcord – helps you easily and reliably connect equipment using existing or new 75-ohm coaxial infrastructures.

The result is a durable patchbay designed specifically for the growing number of facilities using 75-ohm unbalanced digital audio for routers and new-generation VTRs.

Aside from the ease and reliability of the AES 75-ohm Audio Patchbay, it can also provide exceptional cost savings. Up until now, many installations have been using higher-end video patchbays for their 75-ohm digital audio, simply for the convenience of the BNC rear connectors. But the new AES 75-ohm hybrid bantam/BNC audio patchbay brings you the same convenience and the same performance – all at a lower price point.

In addition to the lower outright cost, the new 75-ohm audio patchbay also lets you reclaim your existing video patchbays from audio duty, saving you money on future upgrades and installations. Other savings come from using the new lower-cost 75-ohm bantam patchcords instead of mini-WECO patchcords when using video patchbays, or from eliminating the need for costly adapters and baluns when using traditional audio patchbays.





Reliable Bantam Audio on the Front and Convenient BNC Connectors on the Back

As can be expected, installation and maintenance is also faster and easier with the new patchbay, thanks to its easily accessible BNC connectors. Plus, unlike the mini-WECO video patchbays sometimes used for 75-ohm audio, the backplane is not staggered, so every jack is easily accessed without tools and in tight quarters. In addition, the patchbay's front-loading modular design makes it easy to replace and maintain jacks whenever needed.

The 2 x 32 AES Unbalanced Audio Patchbay is as durable as it is efficient. Each jack features rugged box-frame construction made from nickel-plated cold-rolled steel, and gold-alloy cross bar switching contacts ensure reliable connections. The patchbay's innovative design and precise manufacturing gives you the convenience and performance of a video jack with the reliability and lower cost of an audio jack.

Available in 1, 1.5 and 2 RU, the AES 75-ohm Audio Patchbay is designed for broadcast, production and postproduction. In addition, its light weight and available compact 1 RU size makes it ideal for mobile production.

Patchbay Features

- 2 x 32 jack configuration, available in 1, 1.5 or 2 RU
- Jacks conform to AES 75-ohm unbalanced audio standards
- Patent-pending hybrid Bantam (TT) audio jacks with BNC connectors
- Uses lower-cost, ultra-reliable, unbalanced 75-ohm coaxial bantam patchcords
- Jacks are isolated from the panel
- Circuit ID numbers (1–32, left to right) clearly indicated on patchbay front
- Extra-wide designation strips
- Black or gray front panel
- Normal I/O paired ports

VIDEO WECO



Built to Last

- Jacks rated to 30,000 minimum insertion cycles
- Rugged nickel-plated, cold-rolled steel, box-frame jack construction
- Copper-nickel-silver alloy leaf springs with gold-alloy cross bar switching contacts and nickel-plated sleeve bushings

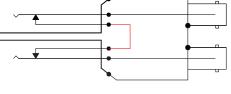
100 MHz

• Panels made from 3/16" solid aluminum with durable powder-coat finish

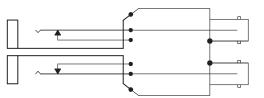
Jack Specifications

Rated Bandwidth: Characteristic Impedance: Return Loss:

- 75-ohms
 .35dB through the normal
 .20 dB patched with 2-foot 75-ohm patchcord
 - < .25 dB through the normal < - .40 dB patched with 2-foot 75-ohm patchcord







NON NORMALED

Insertion Loss:

.

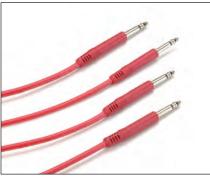
Rear Interface Connections

Signal:

High-performance 75-ohm BNC with un-staggered backplane

Front Interface Connections

Signal: Life Cycle: Patchcord: Bantam (TT) jacks > 30,000 insertion cycles Coaxial Bantam (TT) patchcords



Bittree's Low-Cost, Ultra-Reliable Coaxial Bantam Patchcords

DESCRIPTION	PRODUCT NUMBER		
AFC 75 ohm Audio Datahbaya			
AES 75-ohm Audio Patchbays:			
2 x 32, 1 RU, Full-Normal	B64S-AV75		
2 x 32, 1.5 RU, Full-Normal	B64H-AV75		
2 x 32, 2 RU, Full-Normal	B64T-AV75		
2 x 32, 1 RU, Non-Normal	B64S-AV75N		
2 x 32, 1.5 RU, Non-Normal	B64H-AV75N		
2 x 32, 2 RU, Non-Normal	B64T-AV75N		
Unbalanced 75-ohm Coaxial Bantam Patchcords:			
12" red	AVPC1202		
24" red	AVPC2402		
36" red	AVPC3602		
48" red	AVPC4802		
60" red	AVPC6002		
72" red	AVPC7202		



/ Bittree

AUDIO TT



Overview

Bittree offers two formats of audio patchbays: Bantam (TT), described below, and Long Frame (1/4"), described on page 59. Bantam patchbays are ideal for higher-density patching systems, due to their 2 x 48 jack configuration.

CHOOSING THE RIGHT AUDIO BANTAM PATCHBAY

969 Series, Programmable, 2 x 48

Our Programmable patchbay allows you to change normaling and grounding for individual circuits simply by changing the shunt arrangement under the designation strips. Available in 1.5 and 2 RU enclosed chassis.

969-A Series, Programmable, 2 x 48

Includes the same features as the 969 Series above, but also includes convenient 1-48 left-to-right numbering on the patchbay front for easy identification of circuits.

969-S Series, Programmable, 2 x 48

Includes the same features as the 969-A Series above, but also allows you to program switched grounds – in addition to bussed, isolated and looped grounds as with the original 969 and 969-A series.

968 Series, Internally Programmable, 2 x 48

Comes with the same programming capability as the 969 Series, but the programming is done internally so it can fit into a 1 RU enclosed chassis.

968-5 Series, Internally Programmable, 2 x 48 Includes the same features as 968 Series above, but also allows you to program switched grounds – in addition to bussed, isolated and looped grounds as with the original 968 series.

961 Series, Classic, 2 x 48

Our original Bantam audio patchbay, featuring our most extensive selection of options available, including normals out, grounding, and other internal hard-wiring options, rear panel configurations, stereo/mono spacing, panel color, rack-unit height, and harness configurations. Non-programmable.





- Programmable Audio Bantam (TT) Patchbay
- Normals and Grounds can be easily reprogrammed by the end-user
- High-density 2 x 48 jack configuration; 1.5 or 2 RU size
- Rear interface options include E-3, E-90, ID (punchdown) and D25

Our 969 Series features our innovative Programmable audio patchbays in a 2 x 48 1.5 or 2 RU size.

Programmable patchbays allow users to quickly and easily change the normals and grounding of individual circuits. Normals can be changed to full-normal, half-normal or non-normal. Grounding can be changed to bussed, isolated or looped (for switched grounds, consider the 969-S Series).

Because it's programmable, the 969 Series can serve as the foundation for virtually any new, reconfigured or legacy installation. The end result is a patchbay that allows integrators and installers to quickly re-configure patching systems, accommodate customer change-orders, and speed service-calls.

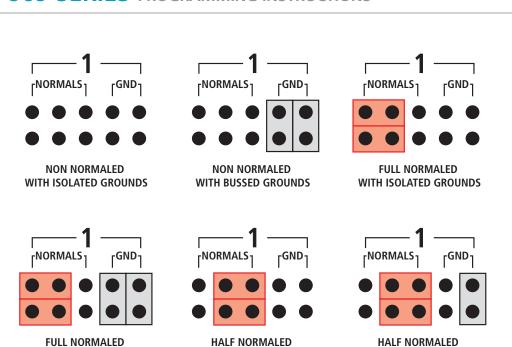
- Normals and Grounding for individual circuits can be easily changed by the end-user
- Normals can be programmed to full-normal, halfnormal or non-normal; Grounding can be programmed to bussed, isolated or looped
- Rear interface options include E-3, E-90, ID (punchdown) and D25
- Gold-plated contacts used in E3 and E90 rear interface
- Jacks rated to 30,000 minimum insertion cycles
- Precision-stamped reinforced steel jack frame

- Copper-nickel-silver alloy leaf springs with goldplated cross bar switching contacts and nickelplated sleeve bushings
- Wired with low-capacitance, AES/EBU-rated shielded, twisted pair
- Panels made from 3/16" solid aluminum with a durable powder-coat finish
- Large user-friendly designation strips
- Mating connectors, contacts and normals (where applicable) are included with all standard rear interfaces

969 SERIES PROGRAMMING INSTRUCTIONS

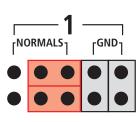


_rGND



WITH ISOLATED GROUNDS

HALF NORMALED WITH LOOPED GROUNDS



FULL NORMALED

WITH LOOPED GROUNDS

NORMALS

HALF NORMALED WITH BUSSED GROUNDS

How to Identify a 969 Series Programmable Patchbay:

969 Series programmable patchbays can be identified by the "Programmable Icon" in the upper left corner of the patchbay.

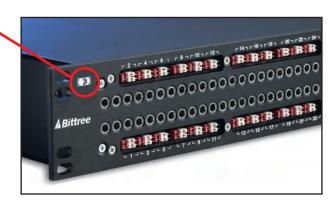
How to Change the Programming for a Circuit:

- 1. Remove the two designation strips as shown in the photo on the right.
- 2. Find your desired configuration in the diagram above.
- 3. Arrange the programming shunts to match the appropriate diagram.

Note: Each circuit can be programmed independently.

- 4. Ample shunts are provided with every programmable patchbay. Red shunts are placed horizontally and are used for normaling options. White shunts (shown as light gray above) are placed vertically and are used for grounding options.
- 5. The circuits are numbered 1–48 and correspond to vertical jack pairs reading left to right, with the even-numbered circuits on the top row, and the odd-numbered circuits on the bottom row.
- 6. Replace the designation strips.

WITH BUSSED GROUNDS



969 Series Programmable patchbay shown with designation strips removed, exposing red and white external programming shunts.



PROGRAMMING SHUNTS

VIDEO WECO

RS-422 PROG.

INTEGRATED



VIDEO MINI WECO

DESCRIPTION

E-3, 1.5 RU, Black, 7" Chassis

E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Looped E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Bussed E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped E3, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed E3, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed E3, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Isolated

E-3, 1.5 RU, Black, 12" Chassis

E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed E3, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed

E-3, 2 RU, Black, 7" Chassis

E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Bussed E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Isolated E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Looped E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Bussed E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Isolated E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Looped E3, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Looped E3, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Bussed E3, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Isolated

E-3, 2 RU, Black, 12" Chassis

E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Bussed E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Isolated E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Looped E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Bussed E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Looped E3, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Bussed E3, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Isolated

E-90, 1.5 RU, Black, 7" Chassis

E90, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed E90, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated E90, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Looped E90, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Bussed E90, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated E90, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped E90, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Looped E90, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed E90, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed

E-90, 1.5 RU, Black, 12" Chassis

E90, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed E90, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated E90, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped E90, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed E90, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated E90, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped E90, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped E90, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed E90, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed **PRODUCT NUMBER**

B96DC-FNPBH/E3 M2OU7B B96DC-FNPIH/E3 M2OU7B B96DC-FNPLH/E3 M2OU7B B96DC-HNPBH/E3 M2OU7B B96DC-HNPIH/E3 M2OU7B B96DC-HNPLH/E3 M2OU7B B96DC-NNPBH/E3 M2OU7B B96DC-NNPIH/E3 M2OU7B

B96DC-FNPBH/E3 M2OU12B B96DC-FNPIH/E3 M2OU12B B96DC-FNPLH/E3 M2OU12B B96DC-HNPBH/E3 M2OU12B B96DC-HNPIH/E3 M2OU12B B96DC-HNPLH/E3 M2OU12B B96DC-NNPBH/E3 M2OU12B B96DC-NNPIH/E3 M2OU12B

B96DC-FNPBT/E3 M2OU7B B96DC-FNPIT/E3 M2OU7B B96DC-FNPLT/E3 M2OU7B B96DC-HNPBT/E3 M2OU7B B96DC-HNPIT/E3 M2OU7B B96DC-HNPLT/E3 M2OU7B B96DC-NNPBT/E3 M2OU7B B96DC-NNPIT/E3 M2OU7B

B96DC-FNPBT/E3 M2OU12B B96DC-FNPIT/E3 M2OU12B B96DC-FNPLT/E3 M2OU12B B96DC-HNPBT/E3 M2OU12B B96DC-HNPIT/E3 M2OU12B B96DC-HNPLT/E3 M2OU12B B96DC-NNPBT/E3 M2OU12B B96DC-NNPIT/E3 M2OU12B

B96DC-FNPBH/E90 M2OU7B B96DC-FNPIH/E90 M2OU7B B96DC-FNPLH/E90 M2OU7B B96DC-HNPBH/E90 M2OU7B B96DC-HNPIH/E90 M2OU7B B96DC-HNPLH/E90 M2OU7B B96DC-NNPBH/E90 M2OU7B

B96DC-FNPBH/E90 M2OU12B B96DC-FNPIH/E90 M2OU12B B96DC-FNPLH/E90 M2OU12B B96DC-HNPBH/E90 M2OU12B B96DC-HNPIH/E90 M2OU12B B96DC-HNPLH/E90 M2OU12B B96DC-NNPBH/E90 M2OU12B

DESCRIPTION

E-90, 2 RU, Black, 7" Chassis

E90, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Bussed E90, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Isolated E90, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Looped E90, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Bussed E90, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Isolated E90, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Looped E90, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Bussed E90, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Bussed E90, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Isolated

E-90, 2 RU, Black, 12" Chassis

E90, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Bussed E90, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Isolated E90, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Looped E90, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Bussed E90, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Isolated E90, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Looped E90, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Looped E90, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Bussed E90, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Bussed

ID, 1.5 RU, Black, 7" Chassis

ID, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed
ID, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated
ID, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Looped
ID, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Bussed
ID, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated
ID, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped
ID, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed
ID, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Isolated

ID, 1.5 RU, Black, 12" Chassis

ID, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed ID, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated ID, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped ID, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed ID, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated ID, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped ID, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped ID, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed ID, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed

ID, 2 RU, Black, 7" Chassis

ID, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Bussed ID, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Isolated ID, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Looped ID, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Bussed ID, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Isolated ID, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Looped ID, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Looped ID, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Bussed ID, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Isolated

ID, 2 RU, Black, 12" Chassis

ID, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Bussed ID, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Isolated ID, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Looped ID, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Bussed ID, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Isolated ID, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Looped ID, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Looped ID, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Bussed ID, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Isolated

PRODUCT NUMBER

Bittree

B96DC-FNPBT/E90 M2OU7B B96DC-FNPIT/E90 M2OU7B B96DC-FNPLT/E90 M2OU7B B96DC-HNPBT/E90 M2OU7B B96DC-HNPIT/E90 M2OU7B B96DC-HNPLT/E90 M2OU7B B96DC-NNPBT/E90 M2OU7B

B96DC-FNPBT/E90 M2OU12B B96DC-FNPIT/E90 M2OU12B B96DC-FNPLT/E90 M2OU12B B96DC-HNPBT/E90 M2OU12B B96DC-HNPIT/E90 M2OU12B B96DC-HNPLT/E90 M2OU12B B96DC-NNPBT/E90 M2OU12B

B96DC-FNPBH/ID M2OU7B B96DC-FNPIH/ID M2OU7B B96DC-FNPLH/ID M2OU7B B96DC-HNPBH/ID M2OU7B B96DC-HNPIH/ID M2OU7B B96DC-HNPLH/ID M2OU7B B96DC-NNPBH/ID M2OU7B B96DC-NNPIH/ID M2OU7B

B96DC-FNPBH/ID M2OU12B B96DC-FNPIH/ID M2OU12B B96DC-FNPLH/ID M2OU12B B96DC-HNPBH/ID M2OU12B B96DC-HNPIH/ID M2OU12B B96DC-HNPLH/ID M2OU12B B96DC-NNPBH/ID M2OU12B B96DC-NNPIH/ID M2OU12B

B96DC-FNPBT/ID M2OU7B B96DC-FNPIT/ID M2OU7B B96DC-FNPLT/ID M2OU7B B96DC-HNPBT/ID M2OU7B B96DC-HNPIT/ID M2OU7B B96DC-HNPLT/ID M2OU7B B96DC-NNPBT/ID M2OU7B B96DC-NNPIT/ID M2OU7B

B96DC-FNPBT/ID M2OU12B B96DC-FNPIT/ID M2OU12B B96DC-FNPLT/ID M2OU12B B96DC-HNPBT/ID M2OU12B B96DC-HNPIT/ID M2OU12B B96DC-HNPLT/ID M2OU12B B96DC-NNPBT/ID M2OU12B B96DC-NNPIT/ID M2OU12B

AES AUDIO

VIDEO MINI WECO

VIDEO WECO

RS-422 PROG.



DESCRIPTION

D25, 1.5 RU, Black, 7" Chassis
D25, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed
D25, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated
D25, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Looped
D25, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Bussed
D25, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated
D25, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped
D25, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed
D25, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Isolated

D25, 1.5 RU, Black, 12" Chassis

D25, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed D25, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated D25, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped D25, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed D25, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated D25, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated D25, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped D25, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed D25, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed

D25, 2 RU, Black, 7" Chassis

D25, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Bussed D25, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Isolated D25, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Looped D25, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Bussed D25, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Isolated D25, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Looped D25, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Bussed D25, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Bussed D25, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Isolated

D25, 2 RU, Black, 12" Chassis

D25, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Bussed D25, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Isolated D25, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Looped D25, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Bussed D25, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Isolated D25, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Looped D25, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Looped D25, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Bussed D25, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Bussed

PRODUCT NUMBER

B96DC-FNPBH/D25 M20U7B B96DC-FNPIH/D25 M20U7B B96DC-FNPLH/D25 M20U7B B96DC-HNPBH/D25 M20U7B B96DC-HNPIH/D25 M20U7B B96DC-HNPLH/D25 M20U7B B96DC-NNPBH/D25 M20U7B B96DC-NNPIH/D25 M20U7B

B96DC-FNPBH/D25 M2OU12B B96DC-FNPIH/D25 M2OU12B B96DC-FNPLH/D25 M2OU12B B96DC-HNPBH/D25 M2OU12B B96DC-HNPIH/D25 M2OU12B B96DC-HNPLH/D25 M2OU12B B96DC-NNPBH/D25 M2OU12B B96DC-NNPIH/D25 M2OU12B

B96DC-FNPBT/D25 M2OU7B B96DC-FNPIT/D25 M2OU7B B96DC-FNPLT/D25 M2OU7B B96DC-HNPBT/D25 M2OU7B B96DC-HNPIT/D25 M2OU7B B96DC-HNPLT/D25 M2OU7B B96DC-NNPBT/D25 M2OU7B B96DC-NNPIT/D25 M2OU7B

B96DC-FNPBT/D25 M2OU12B B96DC-FNPIT/D25 M2OU12B B96DC-FNPLT/D25 M2OU12B B96DC-HNPBT/D25 M2OU12B B96DC-HNPIT/D25 M2OU12B B96DC-HNPLT/D25 M2OU12B B96DC-NNPBT/D25 M2OU12B B96DC-NNPIT/D25 M2OU12B

Fax 818.500.7062

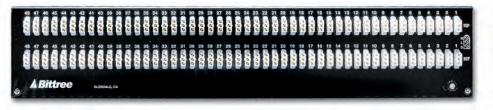
VIDEO WECO

INTEGRATED

ACCESSORIES

REAR INTERFACE OPTIONS

The 969 Series comes with four rear interface options – E3, E90, ID (Punchdown) and D25. Full views of E3, E90 and ID (Punchdown) rear interfaces can be seen throughout this catalog; full view of the D25 rear interface can be seen at Bittree.com.



Call Toll Free 800.500.8142



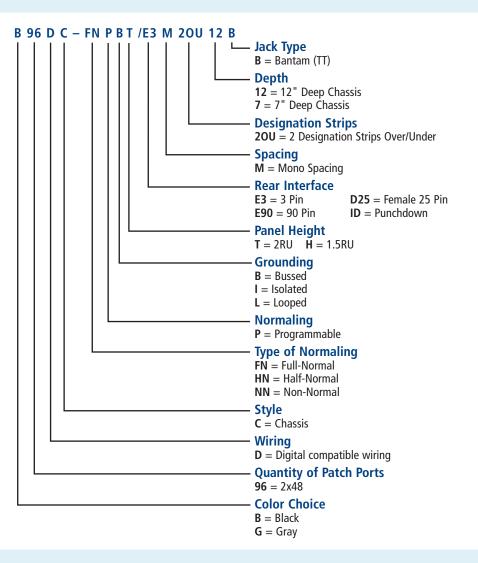
www.bittree.com





AUDIO BANTAM BPC 24 00 - 110	Color 00= Black 02= Red 04= Yellow 05= Green 06= Blue 07= Purple Length in Inches (cm) 24 (61) 36 (92) 48 (122)
	. ,

Our easy-to-use Ordering Codes let you order the exact patching system you need. As shown in the chart below, simply choose the option you want for each specification.



Mating connectors, contacts and normals (where applicable) are included with standard rear interface audio patchbays. Lacing bars are included with all audio patchbays.





- Programmable Audio Bantam (TT) Patchbay
- Normals and Grounds can be easily reprogrammed by the end-user
- High-density 2 x 48 jack configuration; 1.5 or 2 RU size
- Rear interface options include E-3, E-90, ID (punchdown) and D25
- 1-48 numbering on patchbay front for easy circuit identification

Our 969-A Series features our innovative Programmable audio patchbays in a 2 x 48 1.5 or 2 RU size, and includes convenient 1-48 left-to-right numbering on the patchbay front for easy identification of circuits.

Programmable patchbays allow users to quickly and easily change the normals and grounding of individual circuits. Normals can be changed to full-normal, half-normal or non-normal. Grounding can be changed to bussed, isolated or looped (for switched grounds, consider the 969-S Series).

Because it's programmable, the 969 Series can serve as the foundation for virtually any new, reconfigured or legacy installation. The end result is a patchbay that allows integrators and installers to quickly re-configure patching systems, accommodate customer change-orders, and speed service-calls.

- Normals and Grounding for individual circuits can be easily changed by the end-user
- Normals can be programmed to full-normal, half-normal or non-normal; Grounding can be programmed to bussed, isolated or looped
- Rear interface options include E-3, E-90, ID (punchdown) and D25
- Gold-plated contacts used in E3 and E90 rear interface
- Jacks rated to 30,000 minimum insertion cycles
- Precision-stamped reinforced steel jack frame

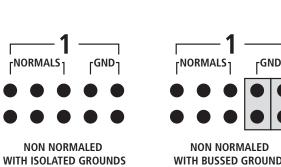
- Copper-nickel-silver alloy leaf springs with goldplated cross bar switching contacts and nickelplated sleeve bushings
- Wired with low-capacitance, AES/EBU-rated shielded, twisted pair
- Panels made from 3/16" solid aluminum with a durable powder-coat finish, with 1-48 left-to-right numbering for easy circuit ID
- Large user-friendly designation strips
- Mating connectors, contacts and normals (where applicable) are included with all standard rear interfaces

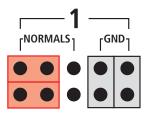
INTEGRATED

969-A SERIES PROGRAMMING INSTRUCTIONS

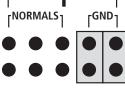


GND

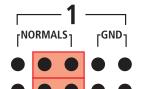




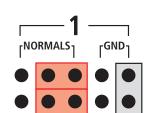
FULL NORMALED WITH BUSSED GROUNDS



WITH BUSSED GROUNDS



HALF NORMALED WITH ISOLATED GROUNDS



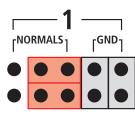
FULL NORMALED

WITH ISOLATED GROUNDS

FNORMALS

_ΓGND ·

HALF NORMALED WITH LOOPED GROUNDS



FULL NORMALED

WITH LOOPED GROUNDS

FNORMALS

HALF NORMALED WITH BUSSED GROUNDS

How to Identify a 969-A Series Programmable Patchbay:

969-A Series programmable patchbays can be identified by the word "Programmable" and "Model 969A" on the far right edge of the patchbay.

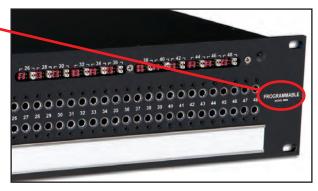
How to Change the Programming for a Circuit:

1. Remove the two designation strips, as shown in the photo on right.

- 2. Find your desired configuration in the diagram above.
- 3. Arrange the programming shunts to match the appropriate diagram.

Note: Each circuit can be programmed independently.

- 4. Ample shunts are provided with every programmable patchbay. Red shunts are placed horizontally and are used for normaling options. White shunts (shown as light gray above) are placed vertically and are used for grounding options.
- 5. The circuits are numbered 1–48 and correspond to vertical jack pairs reading left to right, with the evennumbered circuits on the top row, and the odd-numbered circuits on the bottom row.
- 6. Replace the designation strips.



969-A Series Programmable patchbay shown with the top designation strip removed, exposing red and white external programming shunts.



PROGRAMMING SHUNTS

VIDEO WECO

RS-422 PROG.

INTEGRATED



DESCRIPTION

E-3, 1.5 RU, Black, 7" Chassis

E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Looped E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Bussed E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped E3, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed E3, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed E3, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Isolated

E-3, 1.5 RU, Black, 12" Chassis

E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed E3, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed

E-3, 2 RU, Black, 7" Chassis

E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Bussed E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Isolated E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Looped E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Bussed E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Isolated E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Looped E3, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Looped E3, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Bussed E3, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Isolated

E-3, 2 RU, Black, 12" Chassis

E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Bussed E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Isolated E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Looped E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Bussed E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Looped E3, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Bussed E3, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Isolated

E-90, 1.5 RU, Black, 7" Chassis

E90, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed E90, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated E90, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Looped E90, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Bussed E90, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated E90, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped E90, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Looped E90, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed E90, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed

E-90, 1.5 RU, Black, 12" Chassis

E90, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed E90, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated E90, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped E90, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed E90, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated E90, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated E90, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped E90, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed E90, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed

PRODUCT NUMBER

B96DC-FNABH/E3 M2OU7B B96DC-FNAIH/E3 M2OU7B B96DC-FNALH/E3 M2OU7B B96DC-HNABH/E3 M2OU7B B96DC-HNAIH/E3 M2OU7B B96DC-HNALH/E3 M2OU7B B96DC-NNABH/E3 M2OU7B B96DC-NNAIH/E3 M2OU7B

B96DC-FNABH/E3 M2OU12B B96DC-FNAIH/E3 M2OU12B B96DC-FNALH/E3 M2OU12B B96DC-HNABH/E3 M2OU12B B96DC-HNAIH/E3 M2OU12B B96DC-HNALH/E3 M2OU12B B96DC-NNABH/E3 M2OU12B B96DC-NNAIH/E3 M2OU12B

B96DC-FNABT/E3 M2OU7B B96DC-FNAIT/E3 M2OU7B B96DC-FNALT/E3 M2OU7B B96DC-HNABT/E3 M2OU7B B96DC-HNAIT/E3 M2OU7B B96DC-HNALT/E3 M2OU7B B96DC-NNABT/E3 M2OU7B B96DC-NNAIT/E3 M2OU7B

B96DC-FNABT/E3 M2OU12B B96DC-FNAIT/E3 M2OU12B B96DC-FNALT/E3 M2OU12B B96DC-HNABT/E3 M2OU12B B96DC-HNAIT/E3 M2OU12B B96DC-HNALT/E3 M2OU12B B96DC-NNABT/E3 M2OU12B B96DC-NNAIT/E3 M2OU12B

B96DC-FNABH/E90 M2OU7B B96DC-FNAIH/E90 M2OU7B B96DC-FNALH/E90 M2OU7B B96DC-HNABH/E90 M2OU7B B96DC-HNAIH/E90 M2OU7B B96DC-HNALH/E90 M2OU7B B96DC-NNABH/E90 M2OU7B B96DC-NNAIH/E90 M2OU7B

B96DC-FNABH/E90 M2OU12B B96DC-FNAIH/E90 M2OU12B B96DC-FNALH/E90 M2OU12B B96DC-HNABH/E90 M2OU12B B96DC-HNAIH/E90 M2OU12B B96DC-HNALH/E90 M2OU12B B96DC-NNABH/E90 M2OU12B



DESCRIPTION

E-90, 2 RU, Black, 7" Chassis

E90, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Bussed E90, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Isolated E90, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Looped E90, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Bussed E90, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Isolated E90, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Looped E90, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Bussed E90, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Bussed E90, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Isolated

E-90, 2 RU, Black, 12" Chassis

E90, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Bussed E90, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Isolated E90, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Looped E90, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Bussed E90, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Isolated E90, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Looped E90, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Looped E90, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Bussed E90, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Bussed

ID, 1.5 RU, Black, 7" Chassis

ID, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed	
ID, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated	
ID, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Looped	
ID, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Bussed	
ID, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated	
ID, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped	
ID, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed	
ID, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Isolated	

ID, 1.5 RU, Black, 12" Chassis

ID, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed ID, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated ID, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped ID, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed ID, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated ID, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped ID, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Looped ID, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed ID, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed

ID, 2 RU, Black, 7" Chassis

ID, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Bussed ID, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Isolated ID, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Looped ID, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Bussed ID, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Isolated ID, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Looped ID, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Looped ID, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Bussed ID, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Isolated

ID, 2 RU, Black, 12" Chassis

ID, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Bussed ID, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Isolated ID, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Looped ID, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Bussed ID, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Isolated ID, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Looped ID, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Looped ID, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Bussed ID, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Isolated

PRODUCT NUMBER

B96DC-FNABT/E90 M2OU7B B96DC-FNAIT/E90 M2OU7B B96DC-FNALT/E90 M2OU7B B96DC-HNABT/E90 M2OU7B B96DC-HNAIT/E90 M2OU7B B96DC-HNALT/E90 M2OU7B B96DC-NNABT/E90 M2OU7B

B96DC-FNABT/E90 M2OU12B B96DC-FNAIT/E90 M2OU12B B96DC-FNALT/E90 M2OU12B B96DC-HNABT/E90 M2OU12B B96DC-HNAIT/E90 M2OU12B B96DC-HNALT/E90 M2OU12B B96DC-NNABT/E90 M2OU12B

B96DC-FNABH/ID M2OU7B B96DC-FNAIH/ID M2OU7B B96DC-FNALH/ID M2OU7B B96DC-HNABH/ID M2OU7B B96DC-HNAIH/ID M2OU7B B96DC-HNALH/ID M2OU7B B96DC-NNABH/ID M2OU7B B96DC-NNAIH/ID M2OU7B

B96DC-FNABH/ID M2OU12B B96DC-FNAIH/ID M2OU12B B96DC-FNALH/ID M2OU12B B96DC-HNABH/ID M2OU12B B96DC-HNAIH/ID M2OU12B B96DC-HNALH/ID M2OU12B B96DC-NNABH/ID M2OU12B B96DC-NNAIH/ID M2OU12B

B96DC-FNABT/ID M2OU7B B96DC-FNAIT/ID M2OU7B B96DC-FNALT/ID M2OU7B B96DC-HNABT/ID M2OU7B B96DC-HNAIT/ID M2OU7B B96DC-HNALT/ID M2OU7B B96DC-NNABT/ID M2OU7B B96DC-NNAIT/ID M2OU7B

B96DC-FNABT/ID M2OU12B B96DC-FNAIT/ID M2OU12B B96DC-FNALT/ID M2OU12B B96DC-HNABT/ID M2OU12B B96DC-HNAIT/ID M2OU12B B96DC-HNALT/ID M2OU12B B96DC-NNABT/ID M2OU12B B96DC-NNAIT/ID M2OU12B

VIDEO WECO

RS-422 PROG.

ACCESSORIES INTEGRATED



VIDEO MINI WECO

DESCRIPTION

D25, 1.5 RU, Black, 7" Chassis			
D25, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed			
D25, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated			
D25, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Looped			
D25, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Bussed			
D25, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated	l		
D25, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped			
D25, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed			

D25, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Isolated

D25, 1.5 RU, Black, 12" Chassis D25, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed

D25, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed D25, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated D25, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped D25, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed D25, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated D25, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped D25, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed D25, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed D25, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Isolated

D25, 2 RU, Black, 7" Chassis

D25, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Bussed D25, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Isolated D25, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Looped D25, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Bussed D25, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Isolated D25, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Looped D25, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Bussed D25, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Bussed D25, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Isolated

D25, 2 RU, Black, 12" Chassis

D25, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Bussed D25, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Isolated D25, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Looped D25, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Bussed D25, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Isolated D25, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Looped D25, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Looped D25, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Bussed D25, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Bussed **PRODUCT NUMBER**

B96DC-FNABH/D25 M2OU7B B96DC-FNAIH/D25 M2OU7B B96DC-FNALH/D25 M2OU7B B96DC-HNABH/D25 M2OU7B B96DC-HNAIH/D25 M2OU7B B96DC-HNALH/D25 M2OU7B B96DC-NNABH/D25 M2OU7B B96DC-NNAIH/D25 M2OU7B

B96DC-FNABH/D25 M2OU12B B96DC-FNAIH/D25 M2OU12B B96DC-FNALH/D25 M2OU12B B96DC-HNABH/D25 M2OU12B B96DC-HNAIH/D25 M2OU12B B96DC-HNALH/D25 M2OU12B B96DC-NNABH/D25 M2OU12B B96DC-NNAIH/D25 M2OU12B

B96DC-FNABT/D25 M20U7B B96DC-FNAIT/D25 M20U7B B96DC-FNALT/D25 M20U7B B96DC-HNABT/D25 M20U7B B96DC-HNAIT/D25 M20U7B B96DC-HNALT/D25 M20U7B B96DC-NNABT/D25 M20U7B B96DC-NNAIT/D25 M20U7B

B96DC-FNABT/D25 M2OU12B B96DC-FNAIT/D25 M2OU12B B96DC-FNALT/D25 M2OU12B B96DC-HNABT/D25 M2OU12B B96DC-HNAIT/D25 M2OU12B B96DC-HNALT/D25 M2OU12B B96DC-NNABT/D25 M2OU12B B96DC-NNAIT/D25 M2OU12B

A Bittree

REAR INTERFACE OPTIONS

The 969-A Series comes with four rear interface options – E3, E90, ID (Punchdown) and D25. Full views of E3, E90 and ID (Punchdown) rear interfaces can be seen throughout this catalog; full view of the D25 rear interface can be seen at Bittree.com.





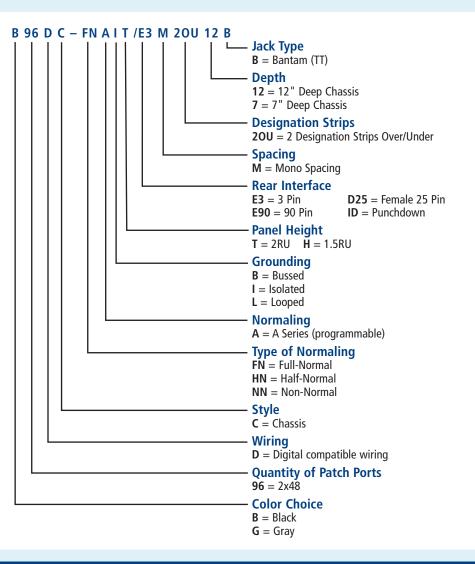






AUDIO BANTAM BPC 24 00 - 110	(TT) • Color 00= Black 02= Red 04= Yellow 05= Green 06= Blue 07= Purple • Length in Inches (cm) 24 (61) 36 (92) 48 (122) 60 (153) 72 (184)

Our easy-to-use Ordering Codes let you order the exact patching system you need. As shown in the chart below, simply choose the option you want for each specification.



Mating connectors, contacts and normals (where applicable) are included with standard rear interface audio patchbays. Lacing bars are included with all audio patchbays.





- Programmable Audio Bantam (TT) Patchbay
- Normals and Grounds can be easily reprogrammed by the end-user
- Allows Switched Grounds for a more stable signal structure
- High-density 2 x 48 jack configuration; 1.5 or 2 RU size
- Rear interface options include E-3, E-90, ID (punchdown) and D25
- 1-48 numbering on patchbay front for easy circuit identification

Our 969-S Series features our innovative Programmable audio patchbays in a 2 x 48 1.5 or 2 RU size, with the added capability of programming switched grounds.

Switched grounds can help eliminate hard-to-find ground loops, and because it provides a more stable signal grounding structure, it's ideal for systems with audio signals coming from numerous locations.

The 969-S programmable patchbay allow users to quickly and easily change the normals and grounding of individual circuits. Normals can be changed to full-normal, half-normal or non-normal. Grounding can be changed to switched, bussed, isolated or looped.

Because it's programmable, the 969-S Series can serve as the foundation for virtually any new, reconfigured or legacy installation. The end result is a patchbay that allows integrators and installers to quickly re-configure patching systems, accommodate customer change-orders, and speed service-calls.

- Normals and Grounding for individual circuits can be easily changed by the end-user
- Normals can be programmed to full-normal, halfnormal or non-normal; Grounding can be programmed to switched, bussed, isolated or looped
- Rear interface options include E-3, E-90, ID (punchdown) and D25
- Gold-plated contacts used in E3 and E90 rear interface
- Jacks rated to 30,000 minimum insertion cycles
- Precision-stamped reinforced steel jack frame

- Copper-nickel-silver alloy leaf springs with goldplated cross bar switching contacts and nickelplated sleeve bushings
- Wired with low-capacitance, AES/EBU-rated shielded, twisted pair
- Panels made from 3/16" solid aluminum with a durable powder-coat finish, with 1-48 left-to-right numbering for easy circuit ID
- Large user-friendly designation strips
- Mating connectors, contacts and normals (where applicable) are included with all standard rear interfaces

Bittree

GND

GND

•

NORMALS

NORMALS

HALF NORMAL

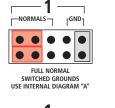
USE INTERNAL PROGRAMMING "A

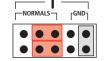
NON NORMAL

BUSSED GROUNDS

USE INTERNAL PROGRAMMING "C

FRONT PORT EXTERNAL PROGRAMMING (under designation strips)





HALF NORMAL SWITCHED GROUNDS USE INTERNAL DIAGRAM "B'

TOP Bittree 301-969-60

••

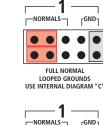
• J18

120

J2[.]

J28 •

• 127 • 116 • 125



. • • HALF NORMAL LOOPED GROUNDS

USE INTERNAL DIAGRAM "C"

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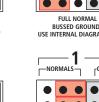
J26 •

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• •

J23

J24 • •



HALF NORMAL BUSSED GROUNDS USE INTERNAL DIAGRAM "C









J2

J24

Α



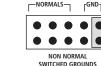


 \bullet J23

124

B





NORMALS

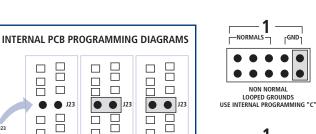
GND

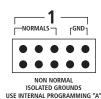
SWITCHED GROUNDS USE INTERNAL DIAGRAM "A"

J24

••

С



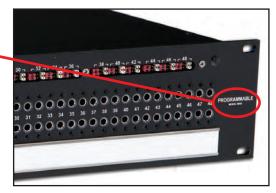


How to Identify a 969-S Series Programmable Patchbay:

969-S Series programmable patchbays can be identified by the word "Programmable" and "Model 969S" on the far right edge of the patchbay.

How to Change the Programming for a Circuit:

- 1. Remove the two designation strips.
- 2. Find your desired configuration in the diagram above.
- 3. Arrange the programming shunts to match the appropriate diagram. Note: Each circuit can be programmed independently.
- 4. Ample shunts are provided with every patchbay. Red shunts are placed horizontally and are used for normaling. White shunts (shown as light gray above) are placed vertically and are used for grounding.



969-S Series Programmable patchbay shown with top designation strip removed, exposing red and white external programming shunts.

- 5. The circuits are numbered 1–48 and correspond to vertical jack pairs reading left to right, with the even-numbered circuits on the top row, and the odd-numbered circuits on the bottom row.
- 6. For the internal programming, unscrew the screws along the top edges and take off the patchbay dust cover. Locate the Internal PCB Boards inside, which are right behind the back of the jacks (for a better view, turn the rear of the patchbay toward you). There are eight PCB Boards; each one holds six circuits.
- 7. Depending on the Normal/Grounding configuration you want for each circuit, choose Internal Programming Diagram A, B or C from the blue box above and program accordingly, using the same red and white shunts.
- 8. Replace the patchbay dust cover and designation strips

VIDEO WECO



E3, 1.5 RU, Black

E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Switched E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Switched E3, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Switched E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Switched E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Switched E3, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Switched

E3, 2 RU, Black

E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Switched E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Switched E3, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Switched E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Switched E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Switched E3, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Switched

E90, 1.5 RU, Black

E90, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Switched E90, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Switched E90, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Switched E90, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Switched E90, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Switched E90, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Switched

E90, 2 RU, Black

E90, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Switched E90, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Switched E90, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Switched E90, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Switched E90, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Switched E90, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Switched

ID, 1.5 RU, Black

ID, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Switched ID, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Switched ID, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Switched ID, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Switched ID, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Switched ID, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Switched ID, 2x48, 1.5 RU, 2x48, 1.5

ID, 2 RU, Black

ID, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Switched ID, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Switched ID, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Switched ID, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Switched ID, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Switched ID, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Switched

D25, 1.5 RU, Black

D25, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Switched D25, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Switched D25, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Switched D25, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Switched D25, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Switched D25, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Switched D25, 2x48, 15 RU, Black, 12" Chassis, Non-Normal, Switched D25, 2x48, 15 RU, Black, 12" Chassis, 12" Ch

D25, 2 RU, Black

D25, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Switched D25, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Switched D25, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Switched D25, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Switched D25, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Switched D25, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Switched

PRODUCT NUMBER

B96DC-FNSSH/E3 M2OU7B B96DC-HNSSH/E3 M2OU7B B96DC-NNSSH/E3 M2OU7B B96DC-FNSSH/E3 M2OU12B B96DC-HNSSH/E3 M2OU12B B96DC-NNSSH/E3 M2OU12B

B96DC-FNSST/E3 M2OU7B B96DC-HNSST/E3 M2OU7B B96DC-NNSST/E3 M2OU7B B96DC-FNSST/E3 M2OU12B B96DC-HNSST/E3 M2OU12B B96DC-NNSST/E3 M2OU12B

B96DC-FNSSH/E90 M2OU7B B96DC-HNSSH/E90 M2OU7B B96DC-NNSSH/E90 M2OU7B B96DC-FNSSH/E90 M2OU12B B96DC-HNSSH/E90 M2OU12B B96DC-NNSSH/E90 M2OU12B

B96DC-FNSST/E90 M2OU7B B96DC-HNSST/E90 M2OU7B B96DC-NNSST/E90 M2OU7B B96DC-FNSST/E90 M2OU12B B96DC-HNSST/E90 M2OU12B B96DC-NNSST/E90 M2OU12B

B96DC-FNSSH/ID M2OU7B B96DC-HNSSH/ID M2OU7B B96DC-NNSSH/ID M2OU7B B96DC-FNSSH/ID M2OU12B B96DC-HNSSH/ID M2OU12B B96DC-NNSSH/ID M2OU12B

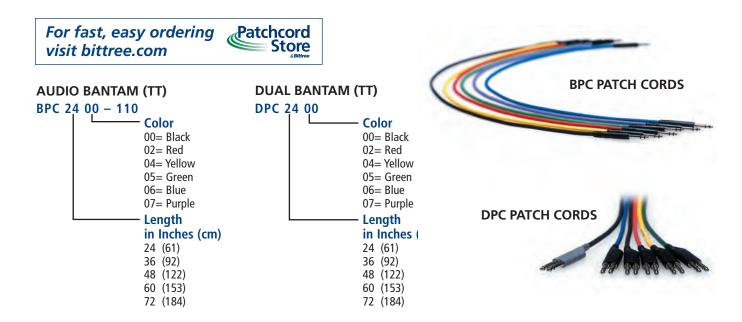
B96DC-FNSST/ID M2OU7B B96DC-HNSST/ID M2OU7B B96DC-NNSST/ID M2OU7B B96DC-FNSST/ID M2OU12B B96DC-HNSST/ID M2OU12B B96DC-NNSST/ID M2OU12B

B96DC-FNSSH/D25 M20U7B B96DC-HNSSH/D25 M20U7B B96DC-NNSSH/D25 M20U7B B96DC-FNSSH/D25 M20U12B B96DC-HNSSH/D25 M20U12B B96DC-NNSSH/D25 M20U12B

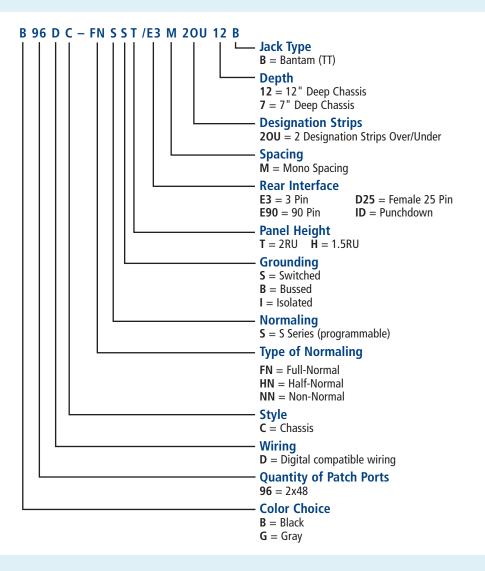
B96DC-FNSST/D25 M20U7B B96DC-HNSST/D25 M20U7B B96DC-NNSST/D25 M20U7B B96DC-FNSST/D25 M20U12B B96DC-HNSST/D25 M20U12B B96DC-NNSST/D25 M20U12B **VIDEO WECO**

969-S SERIES PRODUCT ORDERING CODES

A Bittree



Our easy-to-use Ordering Codes let you order the exact patching system you need. As shown in the chart below, simply choose the option you want for each specification.



Mating connectors, contacts and normals (where applicable) are included with standard rear interface audio patchbays. Lacing bars are included with all audio patchbays.





- Programmable Audio Bantam (TT) Patchbay
- Normals and Grounds can be easily reprogrammed by the end-user
- High-density 2 x 48 jack configuration; 1 RU size
- Small size is ideal for mobile production and other applications in tight quarters
- Rear interface options include E-3, E-56, E-90 and D25

Our 968 Series features our innovative Programmable audio patchbays in a 2 x 48 1 RU size, making them ideal for mobile production and other applications in tight quarters.

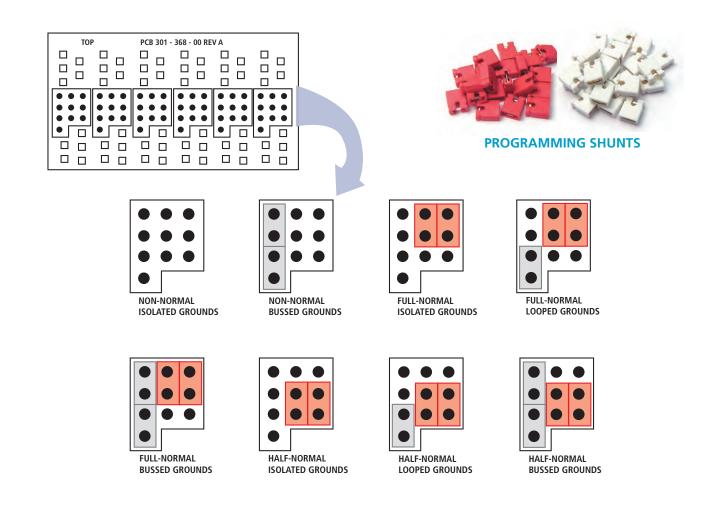
Programmable patchbays allow users to quickly and easily change the normals and grounding of individual circuits. Normals can be changed to full-normal, half-normal or non-normal. Grounding can be changed to bussed, isolated or looped (for switched grounds, consider the 968-S Series).

Because it's programmable, the 968 Series can serve as the foundation for virtually any new, reconfigured or legacy installation. The end result is a patchbay that allows integrators and installers to quickly re-configure patching systems, accommodate customer change-orders, and speed service-calls.

- Normals and Grounding for individual circuits can be easily changed by the end-user
- Normals can be programmed to full-normal, half-normal or non-normal; Grounding can be programmed to bussed, isolated or looped
- Rear interface options include E-3, E56, E-90 and D25
- Gold-plated contacts used in E3 and E90 rear interface
- Jacks rated to 30,000 minimum insertion cycles
- Precision-stamped reinforced steel jack frame

- Copper-nickel-silver alloy leaf springs with goldplated cross bar switching contacts and nickelplated sleeve bushings
- Wired with low-capacitance, AES/EBU-rated shielded, twisted pair
- Panels made from 3/16" solid aluminum with a durable powder-coat finish
- Large user-friendly designation strips
- Mating connectors, contacts and normals (where applicable) are included with all standard rear interfaces



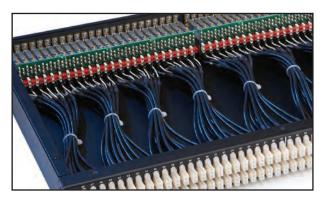


How to Identify a 968 Series Programmable Patchbay:

968 Series programmable patchbays can only be identified by removing the top dust cover and looking for the presence of red and white programming shunts inside.

How to Change the Programming for a Circuit:

- 1. Remove the top dust cover to expose the programming shunts.
- 2. Find your desired configuration in the diagram above.
- 3. Arrange the programming shunts to match the appropriate diagram. Note: Each circuit can be programmed independently.
- 4. Ample shunts are provided with every programmable patchbay. All shunts should be placed vertically. Red shunts are used for grounding options. White shunts (shown as light gray above) are used for normaling options.



968 Series Programmable patchbay shown with dust cover removed, exposing red and white internal programming shunts.

5. Replace the dust cover.

VIDEO WECO

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E-3, 1 RU, 7", Black

E3, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Bussed E3, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Isolated E3, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Looped E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Bussed E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Isolated E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Looped E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Looped E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Bussed E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Bussed

E-3, 1 RU, 7", Gray

E3, 2x48, 1 RU, Gray, 7" Chassis, Full-Normal, Bussed E3, 2x48, 1 RU, Gray, 7" Chassis, Full-Normal, Isolated E3, 2x48, 1 RU, Gray, 7" Chassis, Full-Normal, Looped E3, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Bussed E3, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Isolated E3, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Looped E3, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Bussed E3, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Bussed E3, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Bussed

E-90, 1 RU, 7", Black

E90, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Bussed E90, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Isolated E90, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Looped E90, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Bussed E90, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Isolated E90, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Looped E90, 2x48, 1 RU, Black, 7" Chassis, Non-Normal, Looped E90, 2x48, 1 RU, Black, 7" Chassis, Non-Normal, Bussed E90, 2x48, 1 RU, Black, 7" Chassis, Non-Normal, Isolated

E-90, 1 RU, 7", Gray

E90, 2x48, 1 RU, Gray, 7" Chassis, Full-Normal, Bussed E90, 2x48, 1 RU, Gray, 7" Chassis, Full-Normal, Isolated E90, 2x48, 1 RU, Gray, 7" Chassis, Full-Normal, Looped E90, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Bussed E90, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Isolated E90, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Looped E90, 2x48, 1 RU, Gray, 7" Chassis, Non-Normal, Bussed E90, 2x48, 1 RU, Gray, 7" Chassis, Non-Normal, Bussed E90, 2x48, 1 RU, Gray, 7" Chassis, Non-Normal, Isolated

D25, 1 RU, 7", Black

D25, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Bussed D25, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Isolated D25, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Looped D25, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Bussed D25, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Isolated D25, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Looped D25, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Looped D25, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Bussed D25, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Bussed

D25, 1 RU, 7", Gray

D25, 2x48, 1 RU, Gray, 7" Chassis, Full-Normal, Bussed D25, 2x48, 1 RU, Gray, 7" Chassis, Full-Normal, Isolated D25, 2x48, 1 RU, Gray, 7" Chassis, Full-Normal, Looped D25, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Bussed D25, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Isolated D25, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Looped D25, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Bussed D25, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Bussed D25, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Bussed

PRODUCT NUMBER

B96DC-FNIBS/E3 M2OU7B B96DC-FNIIS/E3 M2OU7B B96DC-FNILS/E3 M2OU7B B96DC-HNIBS/E3 M2OU7B B96DC-HNIIS/E3 M2OU7B B96DC-HNILS/E3 M2OU7B B96DC-NNIBS/E3 M2OU7B

G96DC-FNIBS/E3 M2OU7B G96DC-FNIIS/E3 M2OU7B G96DC-FNILS/E3 M2OU7B G96DC-HNIBS/E3 M2OU7B G96DC-HNIIS/E3 M2OU7B G96DC-HNILS/E3 M2OU7B G96DC-NNIBS/E3 M2OU7B

B96DC-FNIBS/E90 M2OU7B B96DC-FNIIS/E90 M2OU7B B96DC-FNILS/E90 M2OU7B B96DC-HNIBS/E90 M2OU7B B96DC-HNIIS/E90 M2OU7B B96DC-HNILS/E90 M2OU7B B96DC-NNIBS/E90 M2OU7B

G96DC-FNIBS/E90 M2OU7B G96DC-FNIIS/E90 M2OU7B G96DC-FNILS/E90 M2OU7B G96DC-HNIBS/E90 M2OU7B G96DC-HNIIS/E90 M2OU7B G96DC-HNILS/E90 M2OU7B G96DC-NNIBS/E90 M2OU7B G96DC-NNIS/E90 M2OU7B

B96DC-FNIBS/D25 M2OU7B B96DC-FNIIS/D25 M2OU7B B96DC-FNILS/D25 M2OU7B B96DC-HNIBS/D25 M2OU7B B96DC-HNIIS/D25 M2OU7B B96DC-HNILS/D25 M2OU7B B96DC-NNIBS/D25 M2OU7B B96DC-NNIIS/D25 M2OU7B

G96DC-FNIBS/D25 M2OU7B G96DC-FNIIS/D25 M2OU7B G96DC-FNILS/D25 M2OU7B G96DC-HNIBS/D25 M2OU7B G96DC-HNIIS/D25 M2OU7B G96DC-HNILS/D25 M2OU7B G96DC-NNIBS/D25 M2OU7B G96DC-NNIIS/D25 M2OU7B Bittree

INTEGRATED

E-56, 1 RU, 7", Black

E56, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Bussed E56, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Isolated E56, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Looped E56, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Bussed E56, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Isolated E56, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Looped E56, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Bussed E56, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Bussed E56, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Bussed

E-56, 1 RU, 7", Gray

E56, 2x48, 1 RU, Gray, 7" Chassis, Full-Normal, Bussed E56, 2x48, 1 RU, Gray, 7" Chassis, Full-Normal, Isolated E56, 2x48, 1 RU, Gray, 7" Chassis, Full-Normal, Looped E56, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Bussed E56, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Isolated E56, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Looped E56, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Bussed E56, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Bussed E56, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Bussed

E-3, 1 RU, 12", Black

E3, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Bussed E3, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Isolated E3, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Looped E3, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Bussed E3, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Bussed E3, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Bussed

E-3, 1 RU, 12", Gray

E3, 2x48, 1 RU, Gray, 12" Chassis, Full-Normal, Bussed E3, 2x48, 1 RU, Gray, 12" Chassis, Full-Normal, Isolated E3, 2x48, 1 RU, Gray, 12" Chassis, Full-Normal, Looped E3, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Bussed E3, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Isolated E3, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Looped E3, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Bussed E3, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Bussed E3, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Bussed

E-90, 1 RU, 12", Black

E90, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Bussed E90, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Isolated E90, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Looped E90, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Bussed E90, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Isolated E90, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Looped E90, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Looped E90, 2x48, 1 RU, Black, 12" Chassis, Non-Normal, Bussed E90, 2x48, 1 RU, Black, 12" Chassis, Non-Normal, Bussed

E-90, 1 RU, 12", Gray

E90, 2x48, 1 RU, Gray, 12" Chassis, Full-Normal, Bussed E90, 2x48, 1 RU, Gray, 12" Chassis, Full-Normal, Isolated E90, 2x48, 1 RU, Gray, 12" Chassis, Full-Normal, Looped E90, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Bussed E90, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Isolated E90, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Looped E90, 2x48, 1 RU, Gray, 12" Chassis, Non-Normal, Looped E90, 2x48, 1 RU, Gray, 12" Chassis, Non-Normal, Bussed E90, 2x48, 1 RU, Gray, 12" Chassis, Non-Normal, Isolated

PRODUCT NUMBER

Bittree

B96DC-FNIBS/E56 M2OU7B B96DC-FNIIS/E56 M2OU7B B96DC-FNILS/E56 M2OU7B B96DC-HNIBS/E56 M2OU7B B96DC-HNIIS/E56 M2OU7B B96DC-HNILS/E56 M2OU7B B96DC-NNIBS/E56 M2OU7B

G96DC-FNIBS/E56 M2OU7B G96DC-FNIIS/E56 M2OU7B G96DC-FNILS/E56 M2OU7B G96DC-HNIBS/E56 M2OU7B G96DC-HNIIS/E56 M2OU7B G96DC-HNILS/E56 M2OU7B G96DC-NNIBS/E56 M2OU7B G96DC-NNIS/E56 M2OU7B

B96DC-FNIBS/E3 M2OU12B B96DC-FNIIS/E3 M2OU12B B96DC-FNILS/E3 M2OU12B B96DC-HNIBS/E3 M2OU12B B96DC-HNIIS/E3 M2OU12B B96DC-HNILS/E3 M2OU12B B96DC-NNIBS/E3 M2OU12B B96DC-NNIIS/E3 M2OU12B

G96DC-FNIBS/E3 M2OU12B G96DC-FNIIS/E3 M2OU12B G96DC-FNILS/E3 M2OU12B G96DC-HNIBS/E3 M2OU12B G96DC-HNIIS/E3 M2OU12B G96DC-HNILS/E3 M2OU12B G96DC-NNIBS/E3 M2OU12B G96DC-NNIS/E3 M2OU12B

B96DC-FNIBS/E90 M2OU12B B96DC-FNIIS/E90 M2OU12B B96DC-FNILS/E90 M2OU12B B96DC-HNIBS/E90 M2OU12B B96DC-HNIIS/E90 M2OU12B B96DC-HNILS/E90 M2OU12B B96DC-NNIBS/E90 M2OU12B

G96DC-FNIBS/E90 M2OU12B G96DC-FNIIS/E90 M2OU12B G96DC-FNILS/E90 M2OU12B G96DC-HNIBS/E90 M2OU12B G96DC-HNIIS/E90 M2OU12B G96DC-HNILS/E90 M2OU12B G96DC-NNIBS/E90 M2OU12B G96DC-NNIIS/E90 M2OU12B

VIDEO WECO

RS-422 PROG.

INTEGRATED



D25, 1 RU, 12", Black

D25, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Bussed D25, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Isolated D25, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Looped D25, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Bussed D25, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Isolated D25, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Looped D25, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Looped D25, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Bussed D25, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Bussed D25, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Isolated

D25, 1 RU, 12", Gray

D25, 2x48, 1 RU, Gray, 12" Chassis, Full-Normal, Bussed D25, 2x48, 1 RU, Gray, 12" Chassis, Full-Normal, Isolated D25, 2x48, 1 RU, Gray, 12" Chassis, Full-Normal, Looped D25, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Bussed D25, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Isolated D25, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Looped D25, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Looped D25, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Bussed D25, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Bussed

E56, 1 RU, 12", Black

E56, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Bussed E56, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Isolated E56, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Looped E56, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Bussed E56, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Isolated E56, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Looped E56, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Looped E56, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Bussed E56, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Bussed

E56, 1 RU, 12", Gray

E56, 2x48, 1 RU, Gray, 12" Chassis, Full-Normal, Bussed E56, 2x48, 1 RU, Gray, 12" Chassis, Full-Normal, Isolated E56, 2x48, 1 RU, Gray, 12" Chassis, Full-Normal, Looped E56, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Bussed E56, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Isolated E56, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Looped E56, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Looped E56, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Bussed E56, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Bussed

PRODUCT NUMBER

B96DC-FNIBS/D25 M2OU12B B96DC-FNIIS/D25 M2OU12B B96DC-FNILS/D25 M2OU12B B96DC-HNIBS/D25 M2OU12B B96DC-HNIIS/D25 M2OU12B B96DC-HNILS/D25 M2OU12B B96DC-NNIBS/D25 M2OU12B

G96DC-FNIBS/D25 M2OU12B G96DC-FNIIS/D25 M2OU12B G96DC-FNILS/D25 M2OU12B G96DC-HNIBS/D25 M2OU12B G96DC-HNIIS/D25 M2OU12B G96DC-HNILS/D25 M2OU12B G96DC-NNIBS/D25 M2OU12B

B96DC-FNIBS/E56 M2OU12B B96DC-FNIIS/E56 M2OU12B B96DC-FNILS/E56 M2OU12B B96DC-HNIBS/E56 M2OU12B B96DC-HNIIS/E56 M2OU12B B96DC-HNILS/E56 M2OU12B B96DC-NNIBS/E56 M2OU12B B96DC-NNIIS/E56 M2OU12B

G96DC-FNIBS/E56 M2OU12B G96DC-FNIIS/E56 M2OU12B G96DC-FNILS/E56 M2OU12B G96DC-HNIBS/E56 M2OU12B G96DC-HNIIS/E56 M2OU12B G96DC-HNILS/E56 M2OU12B G96DC-NNIBS/E56 M2OU12B G96DC-NNIIS/E56 M2OU12B

REAR INTERFACE OPTIONS

The 968 Series comes with four rear interface options – E3, E56, E90 and D25. Full views of E3, E56 and E90 rear interfaces can be seen throughout this catalog; full view of the D25 rear interface can be seen at Bittree.com.





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Patchcord Store



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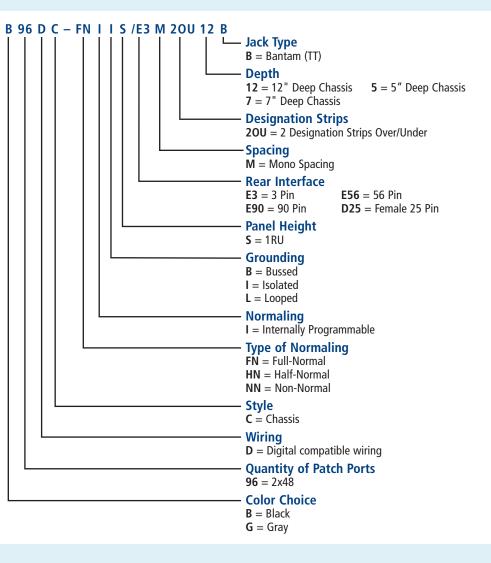
BPC PATCH CORDS

For fast, easy ordering

visit bittree.com

D BANTAM 4 00 – 110	Color 00= Black 02= Red 04= Yellow 05= Green 06= Blue 07= Purple Length in Inches (cm) 24 (61) 36 (92) 48 (122)
	()

Our easy-to-use Ordering Codes let you order the exact patching system you need. As shown in the chart below, simply choose the option you want for each specification.



Mating connectors, contacts and normals (where applicable) are included with standard rear interface audio patchbays. Lacing bars are included with all audio patchbays.





- Programmable Audio Bantam (TT) Patchbay
- Normals and Grounds can be easily reprogrammed by the end-user
- Allows Switched Grounds for a more stable signal structure
- High-density 2 x 48 jack configuration; 1 RU size
- Small size is ideal for mobile production and other applications in tight quarters
- Rear interface options include E-3, E-56, E-90 and D25

Our 968-S Series features our innovative Programmable audio patchbays in a 2 x 48 1 RU size, making them ideal for mobile production and other applications in tight quarters. In addition, the 968-S lets you program switched grounds.

Switched grounds can help eliminate hard-to-find ground loops, and because it provides a more stable signal grounding structure, it's ideal for systems with audio signals coming from numerous locations.

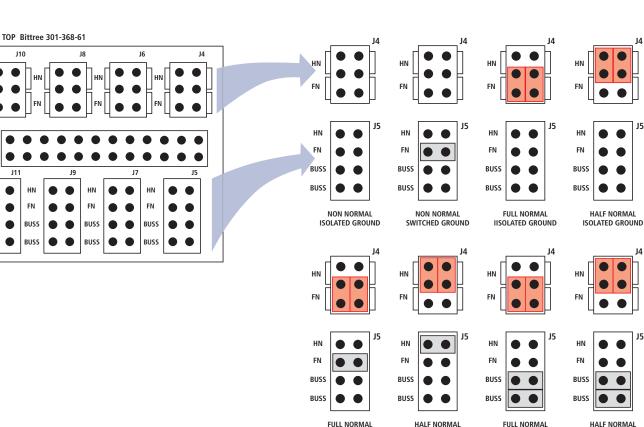
Programmable patchbays allow users to quickly and easily change the normals and grounding of individual circuits. Normals can be changed to full-normal, half-normal or non-normal. Grounding can be changed to switched, bussed, isolated or looped.

Because it's programmable, the 968 Series can serve as the foundation for virtually any new, reconfigured or legacy installation. The end result is a patchbay that allows integrators and installers to quickly re-configure patching systems, accommodate customer change-orders, and speed service-calls.

- Normals and Grounding for individual circuits can be easily changed by the end-user
- Normals can be programmed to full-normal, half-normal or non-normal; Grounding can be programmed to switched, bussed, isolated or looped
- Rear interface options include E-3, E-56, E-90 and D25
- Gold-plated contacts used in E3 and E90 rear interface
- Jacks rated to 30,000 minimum insertion cycles
- Precision-stamped reinforced steel jack frame

- Copper-nickel-silver alloy leaf springs with goldplated cross bar switching contacts and nickelplated sleeve bushings
- Wired with low-capacitance, AES/EBU-rated shielded, twisted pair
- Panels made from 3/16" solid aluminum with a durable powder-coat finish
- Large user-friendly designation strips
- Mating connectors, contacts and normals (where applicable) are included with all standard rear interfaces





SWITCHED GROUND

SWITCHED GROUND

How to Identify a 968-S Series Programmable Patchbay:

968-S Series programmable patchbays can only be identified by removing the top dust cover and looking for the presence of red and white programming shunts inside.

How to Change the Programming for a Circuit:

- 1. Remove the top dust cover to expose the programming shunts.
- 2. Find your desired configuration in the diagram above.
- 3. Arrange the programming shunts to match the appropriate diagram. Note: Each circuit can be programmed independently.
- 4. Ample shunts are provided with every programmable patchbay. All shunts should be placed vertically. Red shunts are used for grounding options. White shunts (shown as light gray above) are used for normaling options.
- 5. Replace the dust cover.



BUSSED GROUND

/ Bittree

J5

J5

BUSSED GROUND

968-S Series Programmable patchbay shown with dust cover removed, exposing red and white internal programming shunts.



PROGRAMMING SHUNTS

111

RS-422 PROG.

INTEGRATED



E-3, 1 RU, Black

E3, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Switched E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Switched E3, 2x48, 1 RU, Black, 7" Chassis, Non-Normal, Switched E3, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Switched E3, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Switched E3, 2x48, 1 RU, Black, 12" Chassis, Non-Normal, Switched

E-3, 1 RU, Gray

E3, 2x48, 1 RU, Gray, 7" Chassis, Full-Normal, Switched E3, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Switched E3, 2x48, 1 RU, Gray, 7" Chassis, Non-Normal, Switched E3, 2x48, 1 RU, Gray, 12" Chassis, Full-Normal, Switched E3, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Switched E3, 2x48, 1 RU, Gray, 12" Chassis, Non-Normal, Switched

E-90, 1 RU, Black

E90, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Switched E90, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Switched E90, 2x48, 1 RU, Black, 7" Chassis, Non-Normal, Switched E90, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Switched E90, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Switched E90, 2x48, 1 RU, Black, 12" Chassis, Non-Normal, Switched

E-90, 1 RU, Gray

E90, 2x48, 1 RU, Gray, 7" Chassis, Full-Normal, Switched E90, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Switched E90, 2x48, 1 RU, Gray, 7" Chassis, Non-Normal, Switched E90, 2x48, 1 RU, Gray, 12" Chassis, Full-Normal, Switched E90, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Switched E90, 2x48, 1 RU, Gray, 12" Chassis, Non-Normal, Switched

D25, 1 RU, Black

D25, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Switched D25, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Switched D25, 2x48, 1 RU, Black, 7" Chassis, Non-Normal, Switched D25, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Switched D25, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Switched D25, 2x48, 1 RU, Black, 12" Chassis, Non-Normal, Switched D25, 2x48, 1 RU

D25, 1 RU, Gray

D25, 2x48, 1 RU, Gray, 7" Chassis, Full-Normal, Switched D25, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Switched D25, 2x48, 1 RU, Gray, 7" Chassis, Non-Normal, Switched D25, 2x48, 1 RU, Gray, 12" Chassis, Full-Normal, Switched D25, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Switched D25, 2x48, 1 RU, Gray, 12" Chassis, Non-Normal, Sw

PRODUCT NUMBER

B96DC-FNSSS/E3 M2OU7B B96DC-HNSSS/E3 M2OU7B B96DC-NNSSS/E3 M2OU7B B96DC-FNSSS/E3 M2OU12B B96DC-HNSSS/E3 M2OU12B B96DC-NNSSS/E3 M2OU2B

G96DC-FNSSS/E3 M2OU7B G96DC-HNSSS/E3 M2OU7B G96DC-NNSSS/E3 M2OU7B G96DC-FNSSS/E3 M2OU12B G96DC-HNSSS/E3 M2OU12B G96DC-NNSSS/E3 M2OU12B

B96DC-FNSSS/E90 M2OU7B B96DC-HNSSS/E90 M2OU7B B96DC-NNSSS/E90 M2OU7B B96DC-FNSSS/E90 M2OU12B B96DC-HNSSS/E90 M2OU12B B96DC-NNSSS/E90 M2OU12B

G96DC-FNSSS/E90 M2OU7B G96DC-HNSSS/E90 M2OU7B G96DC-NNSSS/E90 M2OU7B G96DC-FNSSS/E90 M2OU12B G96DC-HNSSS/E90 M2OU12B G96DC-NNSSS/E90 M2OU12B

B96DC-FNSSS/D25 M20U7B B96DC-HNSSS/D25 M20U7B B96DC-NNSSS/D25 M20U7B B96DC-FNSSS/D25 M20U12B B96DC-HNSSS/D25 M20U12B B96DC-NNSSS/D25 M20U2B

G96DC-FNSSS/D25 M20U7B G96DC-HNSSS/D25 M20U7B G96DC-NNSSS/D25 M20U7B G96DC-FNSSS/D25 M20U12B G96DC-HNSSS/D25 M20U12B G96DC-NNSSS/D25 M20U12B

REAR INTERFACE OPTIONS

The 968-S Series comes with four rear interface options – E3, E56, E90 and D25. Full views of E3, E56 and E90 rear interfaces can be seen throughout this catalog; full view of the D25 rear interface can be seen at Bittree.com.





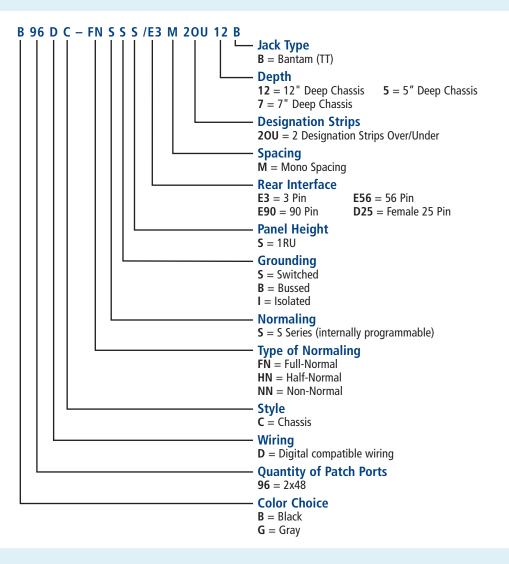
INTEGRATED



For fast, easy ord visit bittree.com	ering Patchcord Store
	BPC PATCH CORDS

BANTAM (TT) 00 - 110 Color 00= Black 02= Red 04= Yellow 05= Green 06= Blue 07= Purple Length in Inches (cm) 24 (61) 36 (92) 48 (122) 60 (153) 72 (184)
60 (153) 72 (184)

Our easy-to-use Ordering Codes let you order the exact patching system you need. As shown in the chart below, simply choose the option you want for each specification.



Mating connectors, contacts and normals (where applicable) are included with standard rear interface audio patchbays. Lacing bars are included with all audio patchbays.





- Classic, Non-Programmable Audio Bantam (TT) Patchbay
- Available with more options than any audio patchbay, including rear interface, normaling, grounding, jack spacing, panel color, chassis depth and rack-unit height
- High-density 2 x 48 jack configuration; 1, 1.5 or 2 RU size
- Rear interface options include E-3, E56, E-90, ID (punchdown) and D25

Our 961 Series features our classic, non-programmable audio patchbays. With a jack configuration of 2 x 48, the 961 Series comes with the most options of any audio patchbay, including rear interface, normaling, grounding, jack spacing, panel color, chassis depth and rack-unit height.

All Bittree audio patchbays bring you enhanced studio versatility and instant signal re-routing, and are perfect for master control and central switching I/O, audio console I/O, recording device I/O, and audio routing switcher bypass and input rerouting.

Our audio patchbays are built to AES/EBU specifications, and are internally wired with low-capacitance, shielded, 110-ohm twisted pairs. The low-capacitance characteristics make them ideal for both digital as well as analog applications.

- Available in 1, 1.5 or 2 rack units (RU), in fully enclosed 7" or 12" deep chassis
- Normals can be set to full-normal, half-normal or non-normal; Grounding can be set to switched, bussed, isolated or looped
- Normals can be looped internally or brought out to the rear interface
- Rear interface options include E-3, E-56, E-90, ID (Punchdown), D25 and Centronics 50-pin
- Gold-plated contacts used in E3 and E90 rear interface
- Jacks rated to 30,000 minimum insertion cycles

- Precision-stamped reinforced steel jack frame
- Copper-nickel-silver alloy leaf springs with goldplated cross bar switching contacts and nickelplated sleeve bushings
- Wired with low-capacitance, AES/EBU-rated shielded, twisted pair
- Panels made from 3/16" solid aluminum with a durable powder-coat finish
- Large user-friendly designation strips
- Mating connectors, contacts and normals (where applicable) are included with all standard rear interfaces

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INTEGRATED

Think of our 961 Series of Audio Patchbays as our "Custom" series – without the cost and delays of a typical custom patchbay. This series allows you to build virtually any patchbay in virtually any configuration. On the following pages are just some of the configurations available. Only E-3 rear interfaces are listed here, but we also offer E-56, E-90, ID (punchdown), D25 and Centronic 50-pin rear interfaces. If you don't see what you're looking for, please call your Bittree Sales Consultant.

DESCRIPTION	PRODUCT NUMBER
E 2 1 x 49 1 DIL Plack	
E-3, 1 x 48, 1 RU, Black	DANDO MININO (EL MILOOZD
E3, 1x48, 1 RU, Black, 7" Chassis, Non-Normal, Bussed	B48DC-NNNBS/E3 M1007B
E3, 1x48, 1 RU, Black, 7" Chassis, Non-Normal, Isolated	B48DC-NNNIS/E3 M1007B
E3, 1x48, 1 RU, Black, 12" Chassis, Non-Normal, Bussed	B48DC-NNNBS/E3 M10012B
E3, 1x48, 1 RU, Black, 12" Chassis, Non-Normal, Isolated	B48DC-NNNIS/E3 M10012B
E-3, 2 x 48, 1 RU, Black, 7", Mono Spacing, Ov	ver/Under Strips
E3, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Bussed	B96DC-FNLBS/E3 M2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Isolated	B96DC-FNLIS/E3 M2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Looped	B96DC-FNLLS/E3 M2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Switched	B96DC-FNLSS/E3 M2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Bussed	B96DC-HNLBS/E3 M2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Isolated	B96DC-HNLIS/E3 M2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Looped	B96DC-HNLLS/E3 M2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Switched	B96DC-HNLSS/E3 M2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Non-Normal, Bussed	B96DC-NNNBS/E3 M2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Non-Normal, Isolated	B96DC-NNNIS/E3 M2OU7B
E-3, 2 x 48, 1 RU, Black, 12", Mono Spacing, C)ver/Under Strips
E3, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Bussed	B96DC-FNLBS/E3 M2OU12B
E3, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Isolated	B96DC-FNLIS/E3 M2OU12B
E3, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Looped	B96DC-FNLLS/E3 M2OU12B
E3, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Switched	B96DC-FNLSS/E3 M2OU12B
E3, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Bussed	B96DC-HNLBS/E3 M2OU12B
E3, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Isolated	B96DC-HNLIS/E3 M2OU12B
E3, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Looped	B96DC-HNLLS/E3 M2OU12B
E3, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Switched	B96DC-HNLSS/E3 M2OU12B
E3, 2x48, 1 RU, Black, 12" Chassis, Non-Normal, Bussed	B96DC-NNNBS/E3 M2OU12B
E3, 2x48, 1 RU, Black, 12" Chassis, Non-Normal, Isolated	B96DC-NNNIS/E3 M2OU12B
E-3, 2 x 48, 1 RU, Black, 7", Stereo Spacing, O	ver/Under Strips
E3, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Bussed	B96DC-FNLBS/E3 S2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Isolated	B96DC-FNLIS/E3 S2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Looped	B96DC-FNLLS/E3 S2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Switched	B96DC-FNLSS/E3 S2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Bussed	B96DC-HNLBS/E3 S2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Isolated	B96DC-HNLIS/E3 S2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Looped	B96DC-HNLLS/E3 S2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Switched	B96DC-HNLSS/E3 S2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Non-Normal, Bussed	B96DC-NNNBS/E3 S2OU7B
E3, 2x48, 1 RU, Black, 7" Chassis, Non-Normal, Isolated	B96DC-NNNIS/E3 S2OU7B
E-3, 2 x 48, 1 RU, Black, 12", Stereo Spacing,	Over/Under Strips
E3, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Bussed	B96DC-FNLBS/E3 S2OU12B
E3, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Isolated	B96DC-FNLIS/E3 S2OU12B
E3, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Isolated	B96DC-FNLLS/E3 S20012B B96DC-FNLLS/E3 S20U12B
E3, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, E00peu E3, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Switched	B96DC-FNLLS/ES S20012B B96DC-FNLSS/E3 S20U12B
E3, 2x48, 1 RU, Black, 12 Chassis, Full-Normal, Switched E3, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Bussed	B96DC-FNL35/E3 S20012B B96DC-HNLBS/E3 S20012B
E3, 2x48, 1 RU, Black, 12 Chassis, Half-Normal, Bussed E3, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Isolated	B96DC-HNLB5/E5 520012B B96DC-HNLIS/E3 S20U12B
E3, 2x48, 1 RU, Black, 12 Chassis, Half-Normal, Looped	B96DC-HNLIS/E3 S20012B B96DC-HNLLS/E3 S20012B
E3, 2x48, 1 RU, Black, 12 Chassis, Half-Normal, Euopeu E3, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Switched	B96DC-HNLS/E3 S20012B B96DC-HNLSS/E3 S20U12B
E3, 2x48, 1 RU, Black, 12 Chassis, Hall-Normal, Switched	B96DC-NNNBS/E3 S2OU12B B96DC-NNNBS/E3 S2OU12B
E3, 2x48, 1 RU, Black, 12 Chassis, Non-Normal, Bussed E3, 2x48, 1 RU, Black, 12" Chassis, Non-Normal, Isolated	B96DC-NNNIS/E3 S20012B B96DC-NNNIS/E3 S20012B
Lo, 2410, 1 NO, Diace, 12 Chassis, Non-Norman, Isolateu	DJODC 14141410/ EJ 520012D

AES AUDIO

VIDEO WECO

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E-3, 2 x 48	. 1 RU	Black.	7"	Mono	Spacing.	Over/Over Strips

- E3, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Bussed E3, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Isolated E3, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Looped E3, 2x48, 1 RU, Black, 7" Chassis, Full-Normal, Switched E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Bussed E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Isolated E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Looped E3, 2x48, 1 RU, Black, 7" Chassis, Half-Normal, Switched E3, 2x48, 1 RU, Black, 7" Chassis, Non-Normal, Bussed E3, 2x48, 1 RU, Black, 7" Chassis, Non-Normal, Isolated
- B96DC-FNLBS/E3 M2OO7B B96DC-FNLIS/E3 M2007B B96DC-FNLLS/E3 M2OO7B B96DC-FNLSS/E3 M2007B B96DC-HNLBS/E3 M2OO7B B96DC-HNLIS/E3 M2OO7B B96DC-HNLLS/E3 M2OO7B B96DC-HNLSS/E3 M2OO7B B96DC-NNNBS/E3 M2OO7B B96DC-NNNIS/E3 M2OO7B

B96DC-FNLBS/E3 M2OO12B

B96DC-FNLIS/E3 M2OO12B

PRODUCT NUMBER

E-3, 2 x 48, 1 RU, Black, 12", Mono Spacing, Over/Over Strips

E3, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Bussed E3, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Isolated E3, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Looped E3, 2x48, 1 RU, Black, 12" Chassis, Full-Normal, Switched E3, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Bussed E3, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x48, 1 RU, Black, 12" Chassis, Half-Normal, Switched E3, 2x48, 1 RU, Black, 12" Chassis, Non-Normal, Bussed E3, 2x48, 1 RU, Black, 12" Chassis, Non-Normal, Isolated

E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed

E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated

E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Looped

E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Switched

E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Bussed

E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated

E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped

E3, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed

E3, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Isolated

E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Switched

B96DC-FNLLS/E3 M2OO12B B96DC-FNLSS/E3 M2OO12B B96DC-HNLBS/E3 M2OO12B B96DC-HNLIS/E3 M2OO12B B96DC-HNLLS/E3 M2OO12B B96DC-HNLSS/E3 M2OO12B B96DC-NNNBS/E3 M2OO12B B96DC-NNNIS/E3 M2OO12B

E-3, 2 x 48, 1.5 RU, Black, 7", Mono Spacing, Over/Under Strips B96DC-FNLBH/E3 M2OU7B B96DC-FNLIH/E3 M2OU7B B96DC-FNLLH/E3 M2OU7B B96DC-FNLSH/E3 M2OU7B B96DC-HNLBH/E3 M2OU7B B96DC-HNLIH/E3 M2OU7B B96DC-HNLLH/E3 M2OU7B B96DC-HNLSH/E3 M2OU7B B96DC-NNNBH/E3 M2OU7B B96DC-NNNIH/E3 M2OU7B

E-3, 2 x 48, 1.5 RU, Black, 12", Mono Spacing, Over/Under Strips

E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Switched E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Switched E3, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed E3, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Isolated

E-3, 2 x 48, 1.5 RU, Black, 7", Stereo Spacing, Over/Under Strips E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed

E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Looped E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Switched E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Bussed E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Switched E3, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed E3, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Isolated

B96DC-FNLBH/E3 M2OU12B B96DC-FNLIH/E3 M2OU12B B96DC-FNLLH/E3 M2OU12B B96DC-FNLSH/E3 M2OU12B B96DC-HNLBH/E3 M2OU12B B96DC-HNLIH/E3 M2OU12B B96DC-HNLLH/E3 M2OU12B B96DC-HNLSH/E3 M2OU12B B96DC-NNNBH/E3 M2OU12B B96DC-NNNIH/E3 M2OU12B

B96DC-FNLBH/E3 S2OU7B B96DC-FNLIH/E3 S2OU7B B96DC-FNLLH/E3 S2OU7B B96DC-FNLSH/E3 S2OU7B B96DC-HNLBH/E3 S2OU7B B96DC-HNLIH/E3 S2OU7B B96DC-HNLLH/E3 S2OU7B B96DC-HNLSH/E3 S2OU7B B96DC-NNNBH/E3 S2OU7B B96DC-NNNIH/E3 S2OU7B



E-3, 2 x 48, 1.5 RU, Black, 12", Stereo Spacing, Over/Under Strips

E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed	
E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated	
E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped	
E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Switched	t
E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed	
E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated	
E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped	
E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Switcher	d
E3, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed	
E3, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Isolated	

B96DC-FNLBH/E3 S2OU12B B96DC-FNLIH/E3 S2OU12B B96DC-FNLIH/E3 S2OU12B B96DC-FNLSH/E3 S2OU12B B96DC-HNLBH/E3 S2OU12B B96DC-HNLIH/E3 S2OU12B B96DC-HNLLH/E3 S2OU12B B96DC-HNLSH/E3 S2OU12B B96DC-NNNBH/E3 S2OU12B B96DC-NNNBH/E3 S2OU12B

B96DC-FNLBH/E3 M2007B B96DC-FNLIH/E3 M2007B B96DC-FNLLH/E3 M2007B B96DC-FNLSH/E3 M2007B B96DC-HNLBH/E3 M2007B B96DC-HNLIH/E3 M2007B

B96DC-HNLLH/E3 M2007B B96DC-HNLSH/E3 M2007B B96DC-NNNBH/E3 M2007B B96DC-NNNIH/E3 M2007B

PRODUCT NUMBER

E-3, 2 x 48, 1.5 RU, Black, 7", Mono Spacing, Over/Over Strips

E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed
E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated
E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Looped
E3, 2x48, 1.5 RU, Black, 7" Chassis, Full-Normal, Switched
E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Bussed
E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated
E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped
E3, 2x48, 1.5 RU, Black, 7" Chassis, Half-Normal, Switched
E3, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed
E3, 2x48, 1.5 RU, Black, 7" Chassis, Non-Normal, Isolated

E-3, 2 x 48, 1.5 RU, Black, 12", Mono Spacing, Over/Over Strips

E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped E3, 2x48, 1.5 RU, Black, 12" Chassis, Full-Normal, Switched E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x48, 1.5 RU, Black, 12" Chassis, Half-Normal, Switched E3, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed E3, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed E3, 2x48, 1.5 RU, Black, 12" Chassis, Non-Normal, Isolated B96DC-FNLBH/E3 M2O012B B96DC-FNLIH/E3 M2O012B B96DC-FNLIH/E3 M2O012B B96DC-FNLSH/E3 M2O012B B96DC-HNLBH/E3 M2O012B B96DC-HNLIH/E3 M2O012B B96DC-HNLLH/E3 M2O012B B96DC-HNLSH/E3 M2O012B B96DC-NNNBH/E3 M2O012B B96DC-NNNBH/E3 M2O012B

E-3, 2 x 48, 2 RU, Black, 7", Mono Spacing, Over/Under Strips E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Bussed B96DC-FNLBT

E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Isolated E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Looped E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Switched E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Bussed E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Isolated E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Looped E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Switched E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Switched E3, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Bussed E3, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Bussed E3, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Isolated B96DC-FNLBT/E3 M2OU7B B96DC-FNLIT/E3 M2OU7B B96DC-FNLLT/E3 M2OU7B B96DC-FNLST/E3 M2OU7B B96DC-HNLBT/E3 M2OU7B B96DC-HNLIT/E3 M2OU7B B96DC-HNLLT/E3 M2OU7B B96DC-NNNBT/E3 M2OU7B B96DC-NNNBT/E3 M2OU7B

E-3, 2 x 48, 2 RU, Black, 12", Mono Spacing, Over/Under Strips

E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Bussed E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Isolated E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Looped E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Switched E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Bussed E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Switched E3, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Switched E3, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Bussed E3, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Isolated B96DC-FNLBT/E3 M2OU12B B96DC-FNLIT/E3 M2OU12B B96DC-FNLIT/E3 M2OU12B B96DC-FNLST/E3 M2OU12B B96DC-HNLBT/E3 M2OU12B B96DC-HNLIT/E3 M2OU12B B96DC-HNLST/E3 M2OU12B B96DC-NNNBT/E3 M2OU12B B96DC-NNNBT/E3 M2OU12B

RS-422 PROG.

ACCESSORIES



E-3, 2 x 48, 2 RU, Black, 7", Stereo Spacing, Over/Under Strips

E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Bussed E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Isolated E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Looped E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Switched E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Bussed E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Isolated E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Looped E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Looped E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Switched E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Switched E3, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Bussed E3, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Bussed B96DC-FNLBT/E3 S2OU7B B96DC-FNLIT/E3 S2OU7B B96DC-FNLLT/E3 S2OU7B B96DC-FNLST/E3 S2OU7B B96DC-HNLBT/E3 S2OU7B B96DC-HNLIT/E3 S2OU7B B96DC-HNLST/E3 S2OU7B B96DC-NNNBT/E3 S2OU7B B96DC-NNNBT/E3 S2OU7B

B96DC-FNLIT/E3 S2OU12B

B96DC-FNLLT/E3 S2OU12B

B96DC-FNLST/E3 S2OU12B

B96DC-HNLBT/E3 S2OU12B

B96DC-HNLIT/E3 S2OU12B

B96DC-HNLLT/E3 S2OU12B

B96DC-HNLST/E3 S2OU12B

B96DC-NNNBT/E3 S2OU12B

PRODUCT NUMBER

E-3, 2 x 48, 2 RU, Black, 12", Stereo Spacing, Over/Under Strips E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Bussed B96DC-FNLBT/E3 S2OU12B

E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Bussed E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Isolated E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Looped E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Switched E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Bussed E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Switched E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Switched E3, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Bussed E3, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Bussed E3, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Isolated

E-3, 2 x 48, 2 RU, Black, 7", Mono Spacing, Over/Over Strips

E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Bussed E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Isolated E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Looped E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Switched E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Bussed E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Isolated E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Looped E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Looped E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Switched E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Switched E3, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Bussed E3, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Bussed E3, 2x48, 2 RU, Black, 7" Chassis, Non-Normal, Isolated

E-3, 2 x 48, 2 RU, Black, 12", Mono Spacing, Over/Over Strips

- E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Bussed E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Isolated E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Looped E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Switched E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Bussed E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Switched E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Switched E3, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Bussed E3, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Bussed E3, 2x48, 2 RU, Black, 12" Chassis, Non-Normal, Isolated
- E-3, 2 x 48, 2 RU, Black, 7", Mono Spacing, Over/Under Strips, Normals Out E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Bussed B96DC-FNOBT/E3 M2OU7B E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Isolated B96DC-FNOIT/E3 M2OU7B E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Looped B96DC-FNOLT/E3 M2OU7B E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Switched B96DC-FNOST/E3 M2OU7B E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Bussed B96DC-HNOBT/E3 M2OU7B E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Isolated B96DC-HNOIT/E3 M2OU7B E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Looped B96DC-HNOLT/E3 M2OU7B E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Switched B96DC-HNOST/E3 M2OU7B

B96DC-NNNIT/E3 S2OU12B B96DC-FNLBT/E3 M2OO7B B96DC-FNLIT/E3 M2OO7B B96DC-FNLLT/E3 M2OO7B B96DC-FNLST/E3 M2OO7B B96DC-HNLBT/E3 M2OO7B B96DC-HNLLT/E3 M2OO7B B96DC-HNLLT/E3 M2OO7B B96DC-HNLST/E3 M2OO7B B96DC-NNNBT/E3 M2OO7B

B96DC-NNNIT/E3 M2OO7B

B96DC-FNLBT/E3 M20012B B96DC-FNLIT/E3 M20012B B96DC-FNLIT/E3 M20012B B96DC-FNLST/E3 M20012B B96DC-HNLBT/E3 M20012B B96DC-HNLIT/E3 M20012B B96DC-HNLLT/E3 M20012B B96DC-HNLST/E3 M20012B B96DC-NNNBT/E3 M20012B B96DC-NNNBT/E3 M20012B

ACCESSORIES

VIDEO WECO

AUDIO TT



PRODUCT NUMBER DESCRIPTION E-3, 2 x 48, 2 RU, Black, 12", Mono Spacing, Over/Under Strips, Normals Out E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Bussed B96DC-FNOBT/E3 M2OU12B E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Isolated B96DC-FNOIT/E3 M2OU12B E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Looped B96DC-FNOLT/E3 M2OU12B E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Switched B96DC-FNOST/E3 M2OU12B E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Bussed B96DC-HNOBT/E3 M2OU12B E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Isolated B96DC-HNOIT/E3 M2OU12B E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Looped B96DC-HNOLT/E3 M2OU12B E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Switched B96DC-HNOST/E3 M2OU12B E-3, 2 x 48, 2 RU, Black, 7", Stereo Spacing, Over/Under Strips, Normals Out E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Bussed B96DC-FNOBT/E3 S2OU7B E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Isolated B96DC-FNOIT/E3 S2OU7B E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Looped B96DC-FNOLT/E3 S2OU7B E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Switched B96DC-FNOST/E3 S2OU7B E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Bussed B96DC-HNOBT/E3 S2OU7B E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Isolated B96DC-HNOIT/E3 S2OU7B E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Looped B96DC-HNOLT/E3 S2OU7B E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Switched B96DC-HNOST/E3 S2OU7B E-3, 2 x 48, 2 RU, Black, 12", Stereo Spacing, Over/Under Strips, Normals Out E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Bussed B96DC-FNOBT/E3 S2OU12B E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Isolated B96DC-FNOIT/E3 S2OU12B E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Looped B96DC-FNOLT/E3 S2OU12B E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Switched B96DC-FNOST/E3 S2OU12B E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Bussed B96DC-HNOBT/E3 S2OU12B E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Isolated B96DC-HNOIT/E3 S2OU12B E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Looped B96DC-HNOLT/E3 S2OU12B E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Switched B96DC-HNOST/E3 S2OU12B E-3, 2 x 48, 2 RU, Black, 7", Mono Spacing, Over/Over Strips, Normals Out E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Bussed B96DC-FNOBT/E3 M2OO7B E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Isolated B96DC-FNOIT/E3 M2OO7B E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Looped B96DC-FNOLT/E3 M2OO7B E3, 2x48, 2 RU, Black, 7" Chassis, Full-Normal, Switched B96DC-FNOST/E3 M2OO7B E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Bussed B96DC-HNOBT/E3 M2OO7B E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Isolated B96DC-HNOIT/E3 M2OO7B E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Looped B96DC-HNOLT/E3 M2OO7B E3, 2x48, 2 RU, Black, 7" Chassis, Half-Normal, Switched B96DC-HNOST/E3 M2OO7B E-3, 2 x 48, 2 RU, Black, 12", Mono Spacing, Over/Over Strips, Normals Out E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Bussed B96DC-FNOBT/E3 M2OO12B E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Isolated B96DC-FNOIT/E3 M2OO12B E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Looped B96DC-FNOLT/E3 M2OO12B E3, 2x48, 2 RU, Black, 12" Chassis, Full-Normal, Switched B96DC-FNOST/E3 M2OO12B E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Bussed B96DC-HNOBT/E3 M2OO12B E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Isolated B96DC-HNOIT/E3 M2OO12B E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Looped B96DC-HNOLT/E3 M2OO12B E3, 2x48, 2 RU, Black, 12" Chassis, Half-Normal, Switched B96DC-HNOST/E3 M2OO12B E-3, 1 x 48, 1 RU, Gray E3, 1x48, 1 RU, Gray, 7" Chassis, Non-Normal, Bussed G48DC-NNNBS/E3 M1007B E3, 1x48, 1 RU, Gray, 7" Chassis, Non-Normal, Isolated G48DC-NNNIS/E3 M1007B E3, 1x48, 1 RU, Gray, 12" Chassis, Non-Normal, Bussed G48DC-NNNBS/E3 M10012B E3, 1x48, 1 RU, Gray, 12" Chassis, Non-Normal, Isolated G48DC-NNNIS/E3 M10012B

VIDEO WECO



VIDEO MINI WECO

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DES	CR	ют	

E-3, 2 x 48,	1 RU,	Gray,	7″, Moi	no Spa	cing,	Over/Under Strips
E3, 2x48, 1 RU,	Gray, 7"	Chassis,	Full-Norn	nal, Busse	d	G96DC-FNLBS/

E3, 2x48, 1 RU, Gray, 7" Chassis, Full-Normal, Isolated E3, 2x48, 1 RU, Gray, 7" Chassis, Full-Normal, Looped E3, 2x48, 1 RU, Gray, 7" Chassis, Full-Normal, Switched E3, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Bussed E3, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Isolated E3, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Looped E3, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Looped E3, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Switched E3, 2x48, 1 RU, Gray, 7" Chassis, Non-Normal, Switched E3, 2x48, 1 RU, Gray, 7" Chassis, Non-Normal, Bussed E3, 2x48, 1 RU, Gray, 7" Chassis, Non-Normal, Isolated

- E-3, 2 x 48, 1 RU, Gray, 12", Mono Spacing, Over/Under Strips
- E3, 2x48, 1 RU, Gray, 12" Chassis, Full-Normal, Bussed E3, 2x48, 1 RU, Gray, 12" Chassis, Full-Normal, Isolated E3, 2x48, 1 RU, Gray, 12" Chassis, Full-Normal, Looped E3, 2x48, 1 RU, Gray, 12" Chassis, Full-Normal, Switched E3, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Bussed E3, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Isolated E3, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Looped E3, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Looped E3, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Switched E3, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Switched E3, 2x48, 1 RU, Gray, 12" Chassis, Non-Normal, Bussed E3, 2x48, 1 RU, Gray, 12" Chassis, Non-Normal, Bussed E3, 2x48, 1 RU, Gray, 12" Chassis, Non-Normal, Isolated

E-3, 2 x 48, 1 RU, Gray, 7", Stereo Spacing, Over/Under Strips

E3, 2x48, 1 RU, Gray, 7" Chassis, Full-Normal, Bussed E3, 2x48, 1 RU, Gray, 7" Chassis, Full-Normal, Isolated E3, 2x48, 1 RU, Gray, 7" Chassis, Full-Normal, Looped E3, 2x48, 1 RU, Gray, 7" Chassis, Full-Normal, Switched E3, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Bussed E3, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Isolated E3, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Looped E3, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Looped E3, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Switched E3, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Switched E3, 2x48, 1 RU, Gray, 7" Chassis, Non-Normal, Bussed E3, 2x48, 1 RU, Gray, 7" Chassis, Non-Normal, Bussed

E-3, 2 x 48, 1 RU, Gray, 12", Stereo Spacing, Over/Under Strips

E3, 2x48, 1 RU, Gray, 12" Chassis, Full-Normal, Bussed E3, 2x48, 1 RU, Gray, 12" Chassis, Full-Normal, Isolated E3, 2x48, 1 RU, Gray, 12" Chassis, Full-Normal, Looped E3, 2x48, 1 RU, Gray, 12" Chassis, Full-Normal, Switched E3, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Bussed E3, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Isolated E3, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Looped E3, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Looped E3, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Switched E3, 2x48, 1 RU, Gray, 12" Chassis, Half-Normal, Switched E3, 2x48, 1 RU, Gray, 12" Chassis, Non-Normal, Bussed E3, 2x48, 1 RU, Gray, 12" Chassis, Non-Normal, Bussed

E-3, 2 x 48, 1 RU, Gray, 7", Mono Spacing, Over/Over Strips

E3, 2x48, 1 RU, Gray, 7" Chassis, Full-Normal, Bussed E3, 2x48, 1 RU, Gray, 7" Chassis, Full-Normal, Isolated E3, 2x48, 1 RU, Gray, 7" Chassis, Full-Normal, Looped E3, 2x48, 1 RU, Gray, 7" Chassis, Full-Normal, Switched E3, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Bussed E3, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Isolated E3, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Isolated E3, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Looped E3, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Looped E3, 2x48, 1 RU, Gray, 7" Chassis, Half-Normal, Switched E3, 2x48, 1 RU, Gray, 7" Chassis, Non-Normal, Switched E3, 2x48, 1 RU, Gray, 7" Chassis, Non-Normal, Bussed E3, 2x48, 1 RU, Gray, 7" Chassis, Non-Normal, Isolated G96DC-FNLBS/E3 M2OU7B G96DC-FNLIS/E3 M2OU7B G96DC-FNLS/E3 M2OU7B G96DC-FNLSS/E3 M2OU7B G96DC-HNLBS/E3 M2OU7B G96DC-HNLIS/E3 M2OU7B G96DC-HNLSS/E3 M2OU7B G96DC-NNNBS/E3 M2OU7B G96DC-NNNIS/E3 M2OU7B

PRODUCT NUMBER

G96DC-FNLBS/E3 M2OU12B G96DC-FNLIS/E3 M2OU12B G96DC-FNLLS/E3 M2OU12B G96DC-FNLLS/E3 M2OU12B G96DC-FNLBS/E3 M2OU12B G96DC-HNLIS/E3 M2OU12B G96DC-HNLLS/E3 M2OU12B G96DC-HNLSS/E3 M2OU12B G96DC-NNNBS/E3 M2OU12B G96DC-NNNIS/E3 M2OU12B

G96DC-FNLBS/E3 S2OU7B G96DC-FNLIS/E3 S2OU7B G96DC-FNLIS/E3 S2OU7B G96DC-FNLSS/E3 S2OU7B G96DC-HNLBS/E3 S2OU7B G96DC-HNLIS/E3 S2OU7B G96DC-HNLS/E3 S2OU7B G96DC-HNLSS/E3 S2OU7B G96DC-NNNBS/E3 S2OU7B G96DC-NNNIS/E3 S2OU7B

G96DC-FNLBS/E3 S2OU12B G96DC-FNLBS/E3 S2OU12B G96DC-FNLIS/E3 S2OU12B G96DC-FNLSS/E3 S2OU12B G96DC-FNLSS/E3 S2OU12B G96DC-HNLIS/E3 S2OU12B G96DC-HNLLS/E3 S2OU12B G96DC-HNLSS/E3 S2OU12B G96DC-NNNBS/E3 S2OU12B G96DC-NNNBS/E3 S2OU12B

G96DC-FNLBS/E3 M2007B G96DC-FNLIS/E3 M2007B G96DC-FNLIS/E3 M2007B G96DC-FNLSS/E3 M2007B G96DC-HNLBS/E3 M2007B G96DC-HNLIS/E3 M2007B G96DC-HNLLS/E3 M2007B G96DC-HNLSS/E3 M2007B G96DC-NNNBS/E3 M2007B G96DC-NNNIS/E3 M2007B



E-3, 2 x 48, 1 RU, Gray, 12", Mono Spacing, Over/Over Strips

E3, 2x48, 1	RU,	Gray,	12"	Chassis,	Full-Normal, Bussed
E3, 2x48, 1	RU,	Gray,	12"	Chassis,	Full-Normal, Isolated
E3, 2x48, 1	RU,	Gray,	12"	Chassis,	Full-Normal, Looped
E3, 2x48, 1	RU,	Gray,	12"	Chassis,	Full-Normal, Switched
E3, 2x48, 1	RU,	Gray,	12"	Chassis,	Half-Normal, Bussed
E3, 2x48, 1	RU,	Gray,	12"	Chassis,	Half-Normal, Isolated
E3, 2x48, 1	RU,	Gray,	12"	Chassis,	Half-Normal, Looped
E3, 2x48, 1	RU,	Gray,	12"	Chassis,	Half-Normal, Switched
E3, 2x48, 1	RU,	Gray,	12"	Chassis,	Non-Normal, Bussed
E3, 2x48, 1	RU,	Gray,	12"	Chassis,	Non-Normal, Isolated

G96DC-FNLBS/E3 M2O012B G96DC-FNLIS/E3 M2O012B G96DC-FNLLS/E3 M2O012B G96DC-FNLSS/E3 M2O012B G96DC-HNLBS/E3 M2O012B G96DC-HNLIS/E3 M2O012B G96DC-HNLS/E3 M2O012B G96DC-NNNBS/E3 M2O012B G96DC-NNNIS/E3 M2O012B

G96DC-FNLBH/E3 M2OU7B G96DC-FNLIH/E3 M2OU7B G96DC-FNLLH/E3 M2OU7B G96DC-FNLSH/E3 M2OU7B G96DC-HNLBH/E3 M2OU7B G96DC-HNLIH/E3 M2OU7B

G96DC-HNLLH/E3 M2OU7B G96DC-HNLSH/E3 M2OU7B G96DC-NNNBH/E3 M2OU7B G96DC-NNNIH/E3 M2OU7B

PRODUCT NUMBER

E-3, 2 x 48, 1.5 RU, Gray, 7", Mono Spacing, Over/Under Strips

ЕЗ,	2x48,	1.5	RU,	Gray,	7"	Chassis, Full-Normal, Bussed
ЕЗ,	2x48,	1.5	RU,	Gray,	7"	Chassis, Full-Normal, Isolated
ЕЗ,	2x48,	1.5	RU,	Gray,	7"	Chassis, Full-Normal, Looped
ЕЗ,	2x48,	1.5	RU,	Gray,	7"	Chassis, Full-Normal, Switched
ЕЗ,	2x48,	1.5	RU,	Gray,	7"	Chassis, Half-Normal, Bussed
ЕЗ,	2x48,	1.5	RU,	Gray,	7"	Chassis, Half-Normal, Isolated
ЕЗ,	2x48,	1.5	RU,	Gray,	7"	Chassis, Half-Normal, Looped
ЕЗ,	2x48,	1.5	RU,	Gray,	7"	Chassis, Half-Normal, Switched
ЕЗ,	2x48,	1.5	RU,	Gray,	7"	Chassis, Non-Normal, Bussed
ЕЗ,	2x48,	1.5	RU,	Gray,	7"	Chassis, Non-Normal, Isolated

E-3, 2 x 48, 1.5 RU, Gray, 12", Mono Spacing, Over/Under Strips

E3, 2x48, 1.5 RU, Gray, 12" Chassis, Full-Normal, Bussed E3, 2x48, 1.5 RU, Gray, 12" Chassis, Full-Normal, Isolated E3, 2x48, 1.5 RU, Gray, 12" Chassis, Full-Normal, Looped E3, 2x48, 1.5 RU, Gray, 12" Chassis, Full-Normal, Switched E3, 2x48, 1.5 RU, Gray, 12" Chassis, Half-Normal, Bussed E3, 2x48, 1.5 RU, Gray, 12" Chassis, Half-Normal, Isolated E3, 2x48, 1.5 RU, Gray, 12" Chassis, Half-Normal, Isolated E3, 2x48, 1.5 RU, Gray, 12" Chassis, Half-Normal, Looped E3, 2x48, 1.5 RU, Gray, 12" Chassis, Half-Normal, Switched E3, 2x48, 1.5 RU, Gray, 12" Chassis, Half-Normal, Switched E3, 2x48, 1.5 RU, Gray, 12" Chassis, Non-Normal, Bussed E3, 2x48, 1.5 RU, Gray, 12" Chassis, Non-Normal, Bussed E3, 2x48, 1.5 RU, Gray, 12" Chassis, Non-Normal, Isolated G96DC-FNLBH/E3 M2OU12B G96DC-FNLIH/E3 M2OU12B G96DC-FNLLH/E3 M2OU12B G96DC-FNLSH/E3 M2OU12B G96DC-HNLBH/E3 M2OU12B G96DC-HNLIH/E3 M2OU12B G96DC-HNLLH/E3 M2OU12B G96DC-NNNBH/E3 M2OU12B G96DC-NNNBH/E3 M2OU12B

E-3, 2 x 48, 1.5 RU, Gray, 7", Stereo Spacing, Over/Under Strips

E3, 2x48, 1.5 RU, Gray, 7" Chassis, Full-Normal, Bussed E3, 2x48, 1.5 RU, Gray, 7" Chassis, Full-Normal, Isolated E3, 2x48, 1.5 RU, Gray, 7" Chassis, Full-Normal, Looped E3, 2x48, 1.5 RU, Gray, 7" Chassis, Full-Normal, Switched E3, 2x48, 1.5 RU, Gray, 7" Chassis, Half-Normal, Bussed E3, 2x48, 1.5 RU, Gray, 7" Chassis, Half-Normal, Isolated E3, 2x48, 1.5 RU, Gray, 7" Chassis, Half-Normal, Looped E3, 2x48, 1.5 RU, Gray, 7" Chassis, Half-Normal, Looped E3, 2x48, 1.5 RU, Gray, 7" Chassis, Half-Normal, Switched E3, 2x48, 1.5 RU, Gray, 7" Chassis, Half-Normal, Switched E3, 2x48, 1.5 RU, Gray, 7" Chassis, Non-Normal, Bussed E3, 2x48, 1.5 RU, Gray, 7" Chassis, Non-Normal, Bussed

E-3, 2 x 48, 1.5 RU, Gray, 12", Stereo Spacing, Over/Under Strips

E3, 2x48, 1.5 RU, Gray, 12" Chassis, Full-Normal, Bussed E3, 2x48, 1.5 RU, Gray, 12" Chassis, Full-Normal, Isolated E3, 2x48, 1.5 RU, Gray, 12" Chassis, Full-Normal, Looped E3, 2x48, 1.5 RU, Gray, 12" Chassis, Full-Normal, Switched E3, 2x48, 1.5 RU, Gray, 12" Chassis, Half-Normal, Bussed E3, 2x48, 1.5 RU, Gray, 12" Chassis, Half-Normal, Isolated E3, 2x48, 1.5 RU, Gray, 12" Chassis, Half-Normal, Isolated E3, 2x48, 1.5 RU, Gray, 12" Chassis, Half-Normal, Looped E3, 2x48, 1.5 RU, Gray, 12" Chassis, Half-Normal, Looped E3, 2x48, 1.5 RU, Gray, 12" Chassis, Half-Normal, Switched E3, 2x48, 1.5 RU, Gray, 12" Chassis, Non-Normal, Switched E3, 2x48, 1.5 RU, Gray, 12" Chassis, Non-Normal, Bussed E3, 2x48, 1.5 RU, Gray, 12" Chassis, Non-Normal, Isolated G96DC-FNLSH/E3 S2OU7B G96DC-HNLBH/E3 S2OU7B G96DC-HNLIH/E3 S2OU7B G96DC-HNLLH/E3 S2OU7B G96DC-HNLSH/E3 S2OU7B G96DC-NNNBH/E3 S2OU7B G96DC-NNNIH/E3 S2OU7B

G96DC-FNLBH/E3 S2OU7B

G96DC-FNLIH/E3 S2OU7B

G96DC-FNLLH/E3 S2OU7B

G96DC-FNLBH/E3 S2OU12B G96DC-FNLIH/E3 S2OU12B G96DC-FNLLH/E3 S2OU12B G96DC-FNLSH/E3 S2OU12B G96DC-HNLBH/E3 S2OU12B G96DC-HNLIH/E3 S2OU12B G96DC-HNLLH/E3 S2OU12B G96DC-NNNBH/E3 S2OU12B G96DC-NNNBH/E3 S2OU12B

VIDEO WECO

RS-422 PROG.

ACCESSORIES



DESCRIPTION	PRODUCT NUMBER
E-3, 2 x 48, 1.5 RU, Gray, 7", Mono Spacing,	Over/Over Strips
E3, 2x48, 1.5 RU, Gray, 7" Chassis, Full-Normal, Bussed	G96DC-FNLBH/E3 M2O
E3, 2x48, 1.5 RU, Gray, 7" Chassis, Full-Normal, Isolated	G96DC-FNLIH/E3 M2OC
E3, 2x48, 1.5 RU, Gray, 7" Chassis, Full-Normal, Looped	G96DC-FNLLH/E3 M2O
E3, 2x48, 1.5 RU, Gray, 7" Chassis, Full-Normal, Switched	G96DC-FNLSH/E3 M2O
E3, 2x48, 1.5 RU, Gray, 7" Chassis, Half-Normal, Bussed	G96DC-HNLBH/E3 M2O
E3, 2x48, 1.5 RU, Gray, 7" Chassis, Half-Normal, Isolated	G96DC-HNLIH/E3 M2O
E3, 2x48, 1.5 RU, Gray, 7" Chassis, Half-Normal, Looped	G96DC-HNLLH/E3 M2O
E3, 2x48, 1.5 RU, Gray, 7" Chassis, Half-Normal, Switched	G96DC-HNLSH/E3 M2O
E3, 2x48, 1.5 RU, Gray, 7" Chassis, Non-Normal, Bussed	G96DC-NNNBH/E3 M2C
E3, 2x48, 1.5 RU, Gray, 7" Chassis, Non-Normal, Isolated	G96DC-NNNIH/E3 M2O

E-3, 2 x 48, 1.5 RU, Gray, 12", Mono Spacing, Over/Over Strips

E3, 2x48, 1.5 RU, Gray, 12" Chassis, Full-Normal, Bussed E3, 2x48, 1.5 RU, Gray, 12" Chassis, Full-Normal, Isolated E3, 2x48, 1.5 RU, Gray, 12" Chassis, Full-Normal, Looped E3, 2x48, 1.5 RU, Gray, 12" Chassis, Full-Normal, Switched E3, 2x48, 1.5 RU, Gray, 12" Chassis, Half-Normal, Bussed E3, 2x48, 1.5 RU, Gray, 12" Chassis, Half-Normal, Isolated E3, 2x48, 1.5 RU, Gray, 12" Chassis, Half-Normal, Looped E3, 2x48, 1.5 RU, Gray, 12" Chassis, Half-Normal, Switched E3, 2x48, 1.5 RU, Gray, 12" Chassis, Non-Normal, Bussed E3, 2x48, 1.5 RU, Gray, 12" Chassis, Non-Normal, Isolated

E-3, 2 x 48, 2 RU, Gray, 7", Mono Spacing, Over/Under Strips

E3, 2x48, 2 RU, Gray, 7" Chassis, Full-Normal, Bussed E3, 2x48, 2 RU, Gray, 7" Chassis, Full-Normal, Isolated E3, 2x48, 2 RU, Gray, 7" Chassis, Full-Normal, Looped E3, 2x48, 2 RU, Gray, 7" Chassis, Full-Normal, Switched E3, 2x48, 2 RU, Gray, 7" Chassis, Half-Normal, Bussed E3, 2x48, 2 RU, Gray, 7" Chassis, Half-Normal, Isolated E3, 2x48, 2 RU, Gray, 7" Chassis, Half-Normal, Looped E3, 2x48, 2 RU, Gray, 7" Chassis, Half-Normal, Switched E3, 2x48, 2 RU, Gray, 7" Chassis, Non-Normal, Bussed E3, 2x48, 2 RU, Gray, 7" Chassis, Non-Normal, Isolated

E-3, 2 x 48, 2 RU, Gray, 12", Mono Spacing, Over/Under Strips

E3, 2x48, 2 RU, Gray, 12" Chassis, Full-Normal, Bussed E3, 2x48, 2 RU, Gray, 12" Chassis, Full-Normal, Isolated E3, 2x48, 2 RU, Gray, 12" Chassis, Full-Normal, Looped E3, 2x48, 2 RU, Gray, 12" Chassis, Full-Normal, Switched E3, 2x48, 2 RU, Gray, 12" Chassis, Half-Normal, Bussed E3, 2x48, 2 RU, Gray, 12" Chassis, Half-Normal, Isolated E3, 2x48, 2 RU, Gray, 12" Chassis, Half-Normal, Looped E3, 2x48, 2 RU, Gray, 12" Chassis, Half-Normal, Switched E3, 2x48, 2 RU, Gray, 12" Chassis, Non-Normal, Bussed E3, 2x48, 2 RU, Gray, 12" Chassis, Non-Normal, Isolated

E-3, 2 x 48, 2 RU, Gray, 7", Stereo Spacing, Over/Under Strips

E3, 2x48, 2 RU, Gray, 7" Chassis, Full-Normal, Bussed E3, 2x48, 2 RU, Gray, 7" Chassis, Full-Normal, Isolated E3, 2x48, 2 RU, Gray, 7" Chassis, Full-Normal, Looped E3, 2x48, 2 RU, Gray, 7" Chassis, Full-Normal, Switched E3, 2x48, 2 RU, Gray, 7" Chassis, Half-Normal, Bussed E3, 2x48, 2 RU, Gray, 7" Chassis, Half-Normal, Isolated E3, 2x48, 2 RU, Gray, 7" Chassis, Half-Normal, Looped E3, 2x48, 2 RU, Gray, 7" Chassis, Half-Normal, Switched E3, 2x48, 2 RU, Gray, 7" Chassis, Non-Normal, Bussed E3, 2x48, 2 RU, Gray, 7" Chassis, Non-Normal, Isolated

G96DC-FNLBH/E3 M2OO7B G96DC-FNLIH/E3 M2OO7B G96DC-FNLLH/E3 M2007B G96DC-FNLSH/E3 M2OO7B G96DC-HNLBH/E3 M2OO7B G96DC-HNLIH/E3 M2OO7B G96DC-HNLLH/E3 M2OO7B G96DC-HNLSH/E3 M2OO7B G96DC-NNNBH/E3 M2OO7B G96DC-NNNIH/E3 M2OO7B

G96DC-FNLBH/E3 M2OO12B G96DC-FNLIH/E3 M2OO12B G96DC-FNLLH/E3 M2OO12B G96DC-FNLSH/E3 M2OO12B G96DC-HNLBH/E3 M2OO12B G96DC-HNLIH/E3 M2OO12B G96DC-HNLLH/E3 M2OO12B G96DC-HNLSH/E3 M2OO12B G96DC-NNNBH/E3 M2OO12B G96DC-NNNIH/E3 M2OO12B

G96DC-FNLBT/E3 M2OU7B G96DC-FNLIT/E3 M2OU7B G96DC-FNLLT/E3 M2OU7B G96DC-FNLST/E3 M2OU7B G96DC-HNLBT/E3 M2OU7B G96DC-HNLIT/E3 M2OU7B G96DC-HNLLT/E3 M2OU7B G96DC-HNLST/E3 M2OU7B G96DC-NNNBT/E3 M2OU7B G96DC-NNNIT/E3 M2OU7B

G96DC-FNLBT/E3 M2OU12B G96DC-FNLIT/E3 M2OU12B G96DC-FNLLT/E3 M2OU12B G96DC-FNLST/E3 M2OU12B G96DC-HNLBT/E3 M2OU12B G96DC-HNLIT/E3 M2OU12B G96DC-HNLLT/E3 M2OU12B G96DC-HNLST/E3 M2OU12B G96DC-NNNBT/E3 M2OU12B G96DC-NNNIT/E3 M2OU12B

G96DC-FNLBT/E3 S2OU7B G96DC-FNLIT/E3 S2OU7B G96DC-FNLLT/E3 S2OU7B G96DC-FNLST/E3 S2OU7B G96DC-HNLBT/E3 S2OU7B G96DC-HNLIT/E3 S2OU7B G96DC-HNLLT/E3 S2OU7B G96DC-HNLST/E3 S2OU7B G96DC-NNNBT/E3 S2OU7B G96DC-NNNIT/E3 S2OU7B



E-3, 2 x 48, 2 RU, Gray, 12", Stereo Spacing, Over/Under Strips

-						-	
E3, 2x48,	2	RU,	Gray,	12"	Chassis,	Full-Normal,	Bussed
E3, 2x48,	2	RU,	Gray,	12"	Chassis,	Full-Normal,	Isolated
E3, 2x48,	2	RU,	Gray,	12"	Chassis,	Full-Normal,	Looped
E3, 2x48,	2	RU,	Gray,	12"	Chassis,	Full-Normal,	Switched
E3, 2x48,	2	RU,	Gray,	12"	Chassis,	Half-Normal,	Bussed
E3, 2x48,	2	RU,	Gray,	12"	Chassis,	Half-Normal,	Isolated
E3, 2x48,	2	RU,	Gray,	12"	Chassis,	Half-Normal,	Looped
E3, 2x48,	2	RU,	Gray,	12"	Chassis,	Half-Normal,	Switched
E3, 2x48,	2	RU,	Gray,	12"	Chassis,	Non-Normal,	Bussed
E3, 2x48,	2	RU,	Gray,	12"	Chassis,	Non-Normal,	Isolated

G96DC-FNLBT/E3 S2OU12B G96DC-FNLIT/E3 S2OU12B G96DC-FNLLT/E3 S2OU12B G96DC-FNLST/E3 S2OU12B G96DC-HNLBT/E3 S2OU12B G96DC-HNLIT/E3 S2OU12B G96DC-HNLLT/E3 S2OU12B G96DC-HNLST/E3 S2OU12B G96DC-NNNBT/E3 S2OU12B G96DC-NNNIT/E3 S2OU12B

G96DC-FNLBT/E3 M2OO7B

G96DC-FNLIT/E3 M2OO7B

G96DC-FNLLT/E3 M2OO7B

G96DC-FNLST/E3 M2OO7B

G96DC-HNLBT/E3 M2OO7B

G96DC-HNLIT/E3 M2OO7B

G96DC-HNLLT/E3 M2OO7B

G96DC-HNLST/E3 M2007B

G96DC-NNNBT/E3 M2OO7B

G96DC-NNNIT/E3 M2OO7B

PRODUCT NUMBER

E-3, 2 x 48, 2 RU, Gray, 7", Mono Spacing, Over/Over Strips

E3, 2x48, 2 RU, Gray, 7" Chassis, Full-Normal, Bussed E3, 2x48, 2 RU, Gray, 7" Chassis, Full-Normal, Isolated E3, 2x48, 2 RU, Gray, 7" Chassis, Full-Normal, Looped E3, 2x48, 2 RU, Gray, 7" Chassis, Full-Normal, Switched E3, 2x48, 2 RU, Gray, 7" Chassis, Half-Normal, Bussed E3, 2x48, 2 RU, Gray, 7" Chassis, Half-Normal, Isolated E3, 2x48, 2 RU, Gray, 7" Chassis, Half-Normal, Looped E3, 2x48, 2 RU, Gray, 7" Chassis, Half-Normal, Switched E3, 2x48, 2 RU, Gray, 7" Chassis, Non-Normal, Bussed E3, 2x48, 2 RU, Gray, 7" Chassis, Non-Normal, Isolated

E-3, 2 x 48, 2 RU, Gray, 12", Mono Spacing, Over/Over Strips

E3, 2x48, 2 RU, Gray, 12" Chassis, Full-Normal, Bussed E3, 2x48, 2 RU, Gray, 12" Chassis, Full-Normal, Isolated E3, 2x48, 2 RU, Gray, 12" Chassis, Full-Normal, Looped E3, 2x48, 2 RU, Gray, 12" Chassis, Full-Normal, Switched E3, 2x48, 2 RU, Gray, 12" Chassis, Half-Normal, Bussed E3, 2x48, 2 RU, Gray, 12" Chassis, Half-Normal, Isolated E3, 2x48, 2 RU, Gray, 12" Chassis, Half-Normal, Looped E3, 2x48, 2 RU, Gray, 12" Chassis, Half-Normal, Switched E3, 2x48, 2 RU, Gray, 12" Chassis, Non-Normal, Bussed E3, 2x48, 2 RU, Gray, 12" Chassis, Non-Normal, Isolated

G96DC-FNLBT/E3 M2OO12B G96DC-FNLIT/E3 M2OO12B G96DC-FNLLT/E3 M2OO12B G96DC-FNLST/E3 M2OO12B G96DC-HNLBT/E3 M2OO12B G96DC-HNLIT/E3 M2OO12B G96DC-HNLLT/E3 M2OO12B G96DC-HNLST/E3 M2OO12B G96DC-NNNBT/E3 M2OO12B G96DC-NNNIT/E3 M2OO12B

E-3, 2 x 48, 2 RU, Gray, 7", Mono Spacing, Over/Under Strips, Normals Out E3, 2x48, 2 RU, Gray, 7" Chassis, Full-Normal, Bussed G96DC-FNOBT/E3 M2OU7B E3, 2x48, 2 RU, Gray, 7" Chassis, Full-Normal, Isolated G96DC-FNOIT/E3 M2OU7B E3, 2x48, 2 RU, Gray, 7" Chassis, Full-Normal, Looped G96DC-FNOLT/E3 M2OU7B E3, 2x48, 2 RU, Gray, 7" Chassis, Full-Normal, Switched G96DC-FNOST/E3 M2OU7B E3, 2x48, 2 RU, Gray, 7" Chassis, Half-Normal, Bussed E3, 2x48, 2 RU, Gray, 7" Chassis, Half-Normal, Isolated G96DC-HNOBT/E3 M2OU7B G96DC-HNOIT/E3 M2OU7B E3, 2x48, 2 RU, Gray, 7" Chassis, Half-Normal, Looped G96DC-HNOLT/E3 M2OU7B E3, 2x48, 2 RU, Gray, 7" Chassis, Half-Normal, Switched G96DC-HNOST/E3 M2OU7B E-3, 2 x 48, 2 RU, Gray, 12", Mono Spacing, Over/Under Strips, Normals Out E3, 2x48, 2 RU, Gray, 12" Chassis, Full-Normal, Bussed G96DC-FNOBT/E3 M2OU12B E3, 2x48, 2 RU, Gray, 12" Chassis, Full-Normal, Isolated G96DC-FNOIT/E3 M2OU12B E3, 2x48, 2 RU, Gray, 12" Chassis, Full-Normal, Looped G96DC-FNOLT/E3 M2OU12B E3, 2x48, 2 RU, Gray, 12" Chassis, Full-Normal, Switched G96DC-FNOST/E3 M2OU12B E3, 2x48, 2 RU, Gray, 12" Chassis, Half-Normal, Bussed G96DC-HNOBT/E3 M2OU12B E3, 2x48, 2 RU, Gray, 12" Chassis, Half-Normal, Isolated

G96DC-HNOIT/E3 M2OU12B G96DC-HNOLT/E3 M2OU12B E3, 2x48, 2 RU, Gray, 12" Chassis, Half-Normal, Switched G96DC-HNOST/E3 M2OU12B

E3, 2x48, 2 RU, Gray, 12" Chassis, Half-Normal, Looped



PRODUCT NUMBER DESCRIPTION E-3, 2 x 48, 2 RU, Gray, 7", Stereo Spacing, Over/Under Strips, Normals Out E3, 2x48, 2 RU, Gray, 7" Chassis, Full-Normal, Bussed G96DC-FNOBT/E3 S2OU7B E3, 2x48, 2 RU, Gray, 7" Chassis, Full-Normal, Isolated G96DC-FNOIT/E3 S2OU7B E3, 2x48, 2 RU, Gray, 7" Chassis, Full-Normal, Looped G96DC-FNOLT/E3 S2OU7B E3, 2x48, 2 RU, Gray, 7" Chassis, Full-Normal, Switched G96DC-FNOST/E3 S2OU7B E3, 2x48, 2 RU, Gray, 7" Chassis, Half-Normal, Bussed G96DC-HNOBT/E3 S2OU7B E3, 2x48, 2 RU, Gray, 7" Chassis, Half-Normal, Isolated G96DC-HNOIT/E3 S2OU7B E3, 2x48, 2 RU, Gray, 7" Chassis, Half-Normal, Looped G96DC-HNOLT/E3 S2OU7B E3, 2x48, 2 RU, Gray, 7" Chassis, Half-Normal, Switched G96DC-HNOST/E3 S2OU7B E-3, 2 x 48, 2 RU, Gray, 12", Stereo Spacing, Over/Under Strips, Normals Out E3, 2x48, 2 RU, Gray, 12" Chassis, Full-Normal, Bussed G96DC-FNOBT/E3 S2OU12B E3, 2x48, 2 RU, Gray, 12" Chassis, Full-Normal, Isolated G96DC-FNOIT/E3 S2OU12B E3, 2x48, 2 RU, Gray, 12" Chassis, Full-Normal, Looped G96DC-FNOLT/E3 S2OU12B E3, 2x48, 2 RU, Gray, 12" Chassis, Full-Normal, Switched G96DC-FNOST/E3 S2OU12B E3, 2x48, 2 RU, Gray, 12" Chassis, Half-Normal, Bussed G96DC-HNOBT/E3 S2OU12B E3, 2x48, 2 RU, Gray, 12" Chassis, Half-Normal, Isolated G96DC-HNOIT/E3 S2OU12B E3, 2x48, 2 RU, Gray, 12" Chassis, Half-Normal, Looped G96DC-HNOLT/E3 S2OU12B E3, 2x48, 2 RU, Gray, 12" Chassis, Half-Normal, Switched G96DC-HNOST/E3 S2OU12B E-3, 2 x 48, 2 RU, Gray, 7", Mono Spacing, Over/Over Strips, Normals Out E3, 2x48, 2 RU, Gray, 7" Chassis, Full-Normal, Bussed G96DC-FNOBT/E3 M2OO7B E3, 2x48, 2 RU, Gray, 7" Chassis, Full-Normal, Isolated G96DC-FNOIT/E3 M2OO7B E3, 2x48, 2 RU, Gray, 7" Chassis, Full-Normal, Looped G96DC-FNOLT/E3 M2OO7B E3, 2x48, 2 RU, Gray, 7" Chassis, Full-Normal, Switched G96DC-FNOST/E3 M2OO7B E3, 2x48, 2 RU, Gray, 7" Chassis, Half-Normal, Bussed G96DC-HNOBT/E3 M2OO7B E3, 2x48, 2 RU, Gray, 7" Chassis, Half-Normal, Isolated G96DC-HNOIT/E3 M2OO7B E3, 2x48, 2 RU, Gray, 7" Chassis, Half-Normal, Looped G96DC-HNOLT/E3 M2OO7B E3, 2x48, 2 RU, Gray, 7" Chassis, Half-Normal, Switched G96DC-HNOST/E3 M2OO7B E-3, 2 x 48, 2 RU, Gray, 12", Mono Spacing, Over/Over Strips, Normals Out E3, 2x48, 2 RU, Gray, 12" Chassis, Full-Normal, Bussed G96DC-FNOBT/E3 M2OO12B E3, 2x48, 2 RU, Gray, 12" Chassis, Full-Normal, Isolated G96DC-FNOIT/E3 M2OO12B E3, 2x48, 2 RU, Gray, 12" Chassis, Full-Normal, Looped G96DC-FNOLT/E3 M2OO12B E3, 2x48, 2 RU, Gray, 12" Chassis, Full-Normal, Switched G96DC-FNOST/E3 M2OO12B E3, 2x48, 2 RU, Gray, 12" Chassis, Half-Normal, Bussed G96DC-HNOBT/E3 M2OO12B E3, 2x48, 2 RU, Gray, 12" Chassis, Half-Normal, Isolated G96DC-HNOIT/E3 M2OO12B E3, 2x48, 2 RU, Gray, 12" Chassis, Half-Normal, Looped G96DC-HNOLT/E3 M2OO12B E3, 2x48, 2 RU, Gray, 12" Chassis, Half-Normal, Switched G96DC-HNOST/E3 M2OO12B

REAR INTERFACE OPTIONS

The 961 Series comes with six rear interface options – E-3, E-56, E-90, ID (punchdown), D25 and Centronics 50-pin. Full views of E3, E90 and ID (punchdown) rear interfaces can be seen throughout this catalog; full views of the E-56, D25 and Centronics 50-Pin rear interfaces can be seen at Bittree.com.

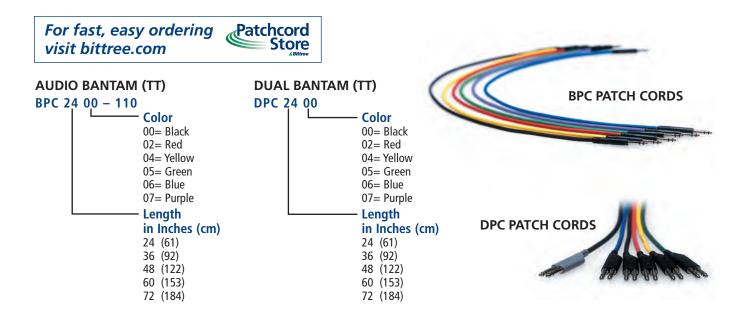




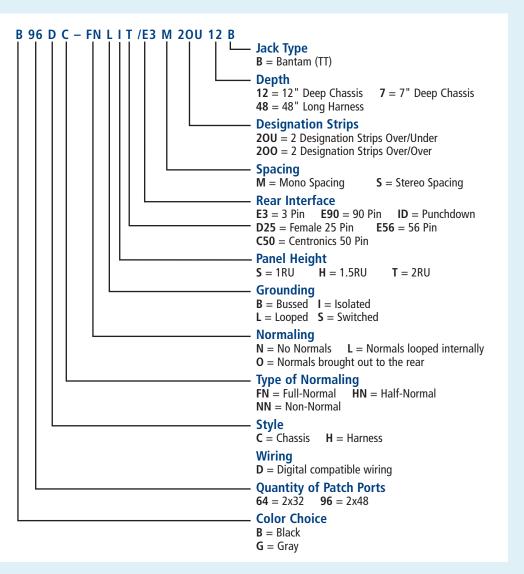
A Bittree GLENDALE, CA

961 SERIES PRODUCT ORDERING CODES





Our easy-to-use Ordering Codes let you order the exact patching system you need. As shown in the chart below, simply choose the option you want for each specification.



Mating connectors, contacts and normals (where applicable) are included with standard rear interface audio patchbays. Lacing bars are included with all audio patchbays.

Normals out patchbays bring the normals to the rear interface so that if desired the user may de-normal a circuit by removing a jumper. The 3-pin rear interface always brings the shield to the rear interface. To loop the ground use a threewire jumper (Normal 3-E); to isolate the ground use a two-wire jumper (Normal 2-E). Note: E90 normals out models do not bring the ground to the normals out connector.

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/ Bittree

AUDIO 1/4"



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Bittree offers two formats of audio patchbays: Long Frame (1/4"), described below, and Bantam (TT), described on page 20. Long-Frame patchbays are often considered easier to work with due to their spacious 2 x 24 jack configuration.

CHOOSING THE RIGHT AUDIO LONG-FRAME PATCHBAY

489 Series, Programmable, 2 x 24

Our Programmable patchbay allows you to change normaling and grounding for individual circuits simply by changing the shunt arrangement under the designation strips. Available in 1.5 and 2 RU enclosed chassis.

489-5 Series, Programmable, 2 x 24 Includes the same features as the 489 Series above, but also allows you to program switched grounds – in addition to bussed, isolated and looped grounds as with the original 489 series.

488 Series, Internally Programmable, 2 x 24

Comes with the same programming capability as the 489 Series, but the programming is done internally so it can fit into a 1 RU enclosed chassis.

481 Series, Classic, 2 x 24

Our original Bantam audio patchbay, featuring our most extensive selection of options available, including normals out, grounding, and other internal hard-wiring options, rear panel configurations, stereo/mono spacing, panel color, rack-unit height, and harness configurations. Non-programmable.

521 Series, Classic, 2 x 26

Includes the same extensive selections of available options as the 481 Series above, but in a slightly more condensed 2 x 26 format.

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- Programmable Audio Long-Frame (1/4") Patchbay
- Normals and Grounds can be easily reprogrammed by the end-user
- Spacious 2 x 24 jack configuration; 1.5 or 2 RU size
- Rear interface options include E-3, E-90, ID (punchdown) and D25

Our 489 Series features our innovative Programmable audio patchbays in a 2 x 24 1.5 or 2 RU size.

Programmable patchbays allow users to quickly and easily change the normals and grounding of individual circuits. Normals can be changed to full-normal, half-normal or non-normal. Grounding can be changed to bussed, isolated or looped (for switched grounds, consider the 489-S Series).

Because it's programmable, the 489 Series can serve as the foundation for virtually any new, reconfigured or legacy installation. The end result is a patchbay that allows integrators and installers to quickly re-configure patching systems, accommodate customer change-orders, and speed service-calls.

- Normals and Grounding for individual circuits can be easily changed by the end-user
- Normals can be programmed to full-normal, halfnormal or non-normal; Grounding can be programmed to bussed, isolated or looped
- Rear interface options include E-3, E-90, ID (punchdown) and D25
- Gold-plated contacts used in E3 and E90 rear interface
- Jacks rated to 30,000 minimum insertion cycles
- Precision-stamped reinforced steel jack frame

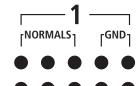
- Copper-nickel-silver alloy leaf springs with goldplated cross bar switching contacts and nickelplated sleeve bushings
- Wired with low-capacitance, AES/EBU-rated shielded, twisted pair
- Panels made from 3/16" solid aluminum with a durable powder-coat finish
- Large user-friendly designation strips
- Mating connectors, contacts and normals (where applicable) are included with all standard rear interfaces

INTEGRATED

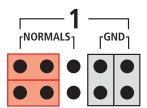
ACCESSORIES

60

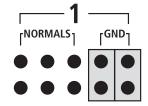




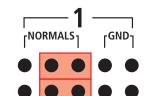
NON NORMALED WITH ISOLATED GROUNDS



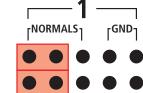
FULL NORMALED WITH BUSSED GROUNDS



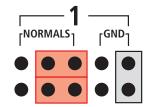
NON NORMALED WITH BUSSED GROUNDS



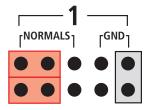
HALF NORMALED WITH ISOLATED GROUNDS



FULL NORMALED WITH ISOLATED GROUNDS



HALF NORMALED WITH LOOPED GROUNDS



FULL NORMALED WITH LOOPED GROUNDS

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HALF NORMALED WITH BUSSED GROUNDS

How to Identify a 489 Series Programmable Patchbay:

489 Series programmable patchbays can be identified by the "Programmable Icon" in the upper left corner of the patchbay.

How to Change the Programming for a Circuit:

- 1. Remove the top designation strip, as shown in the photo on the right
- 2. Find your desired configuration in the diagram above.
- 3. Arrange the programming shunts to match the appropriate diagram.

Note: Each circuit can be programmed independently.

- 4. Ample shunts are provided with every programmable patchbay. Red shunts are placed horizontally and are used for normaling options. White shunts (shown as light gray above) are placed vertically and are used for grounding options.
- 5. The circuits are numbered 1–24 and correspond to vertical jack pairs reading left to right.
- 7. Replace the designation strip.



489 Series Programmable patchbay shown with designation strips removed, exposing red and white external programming shunts on the top row.

E-3, 1.5 RU, Black, 7" Chassis

E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed
E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated
E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Looped
E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Bussed
E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated
E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped
E3, 2x24, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed
E3, 2x24, 1.5 RU, Black, 7" Chassis, Non-Normal, Isolated

E-3, 1.5 RU, Black, 12" Chassis

E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x24, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed E3, 2x24, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed

E-3, 2 RU, Black, 7" Chassis

E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Bussed
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Isolated
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Looped
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Bussed
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Isolated
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Looped
E3, 2x24, 2 RU, Black, 7" Chassis, Non-Normal, Bussed
E3, 2x24, 2 RU, Black, 7" Chassis, Non-Normal, Isolated

E-3, 2 RU, Black, 12" Chassis

E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Bussed E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Isolated E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Looped E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Bussed E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x24, 2 RU, Black, 12" Chassis, Non-Normal, Looped E3, 2x24, 2 RU, Black, 12" Chassis, Non-Normal, Bussed E3, 2x24, 2 RU, Black, 12" Chassis, Non-Normal, Isolated

E-3, 1.5 RU, Gray, 7" Chassis

E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Bussed E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Isolated E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Looped E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Bussed E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Isolated E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Looped E3, 2x24, 1.5 RU, Gray, 7" Chassis, Non-Normal, Looped E3, 2x24, 1.5 RU, Gray, 7" Chassis, Non-Normal, Bussed E3, 2x24, 1.5 RU, Gray, 7" Chassis, Non-Normal, Isolated

E-3, 1.5 RU, Gray, 12" Chassis

E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Bussed E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Isolated E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Looped E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Bussed E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Isolated E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Looped E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Looped E3, 2x24, 1.5 RU, Gray, 12" Chassis, Non-Normal, Bussed E3, 2x24, 1.5 RU, Gray, 12" Chassis, Non-Normal, Bussed

PRODUCT NUMBER

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B48DC-FNPBH/E3 M2OU7L B48DC-FNPIH/E3 M2OU7L B48DC-FNPLH/E3 M2OU7L B48DC-HNPBH/E3 M2OU7L B48DC-HNPIH/E3 M2OU7L B48DC-HNPLH/E3 M2OU7L B48DC-NNPBH/E3 M2OU7L B48DC-NNPIH/E3 M2OU7L

B48DC-FNPBH/E3 M2OU12L B48DC-FNPIH/E3 M2OU12L B48DC-FNPLH/E3 M2OU12L B48DC-HNPBH/E3 M2OU12L B48DC-HNPIH/E3 M2OU12L B48DC-HNPLH/E3 M2OU12L B48DC-NNPBH/E3 M2OU12L B48DC-NNPIH/E3 M2OU12L

B48DC-FNPBT/E3 M2OU7L B48DC-FNPIT/E3 M2OU7L B48DC-FNPLT/E3 M2OU7L B48DC-HNPBT/E3 M2OU7L B48DC-HNPIT/E3 M2OU7L B48DC-HNPLT/E3 M2OU7L B48DC-NNPBT/E3 M2OU7L B48DC-NNPIT/E3 M2OU7L

B48DC-FNPBT/E3 M2OU12L B48DC-FNPIT/E3 M2OU12L B48DC-FNPLT/E3 M2OU12L B48DC-HNPBT/E3 M2OU12L B48DC-HNPIT/E3 M2OU12L B48DC-HNPLT/E3 M2OU12L B48DC-NNPBT/E3 M2OU12L

G48DC-FNPBH/E3 M2OU7L G48DC-FNPIH/E3 M2OU7L G48DC-FNPLH/E3 M2OU7L G48DC-HNPBH/E3 M2OU7L G48DC-HNPIH/E3 M2OU7L G48DC-HNPLH/E3 M2OU7L G48DC-NNPBH/E3 M2OU7L G48DC-NNPIH/E3 M2OU7L

G48DC-FNPBH/E3 M2OU12L G48DC-FNPIH/E3 M2OU12L G48DC-FNPLH/E3 M2OU12L G48DC-HNPBH/E3 M2OU12L G48DC-HNPIH/E3 M2OU12L G48DC-HNPLH/E3 M2OU12L G48DC-NNPBH/E3 M2OU12L G48DC-NNPIH/E3 M2OU12L

VIDEO WECO



E-3, 2 RU, Gray, 7" Chassis	
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E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Bussed E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Isolated E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Looped E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Bussed E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Isolated E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Looped E3, 2x24, 2 RU, Gray, 7" Chassis, Non-Normal, Bussed E3, 2x24, 2 RU, Gray, 7" Chassis, Non-Normal, Bussed E3, 2x24, 2 RU, Gray, 7" Chassis, Non-Normal, Isolated

E-3, 2 RU, Gray, 12" Chassis

E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Bussed E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Isolated E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Looped E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Bussed E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Isolated E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Looped E3, 2x24, 2 RU, Gray, 12" Chassis, Non-Normal, Looped E3, 2x24, 2 RU, Gray, 12" Chassis, Non-Normal, Bussed E3, 2x24, 2 RU, Gray, 12" Chassis, Non-Normal, Isolated

E-90, 1.5 RU, Black, 7" Chassis

E90, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed E90, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated E90, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Looped E90, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Bussed E90, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated E90, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped E90, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped E90, 2x24, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed E90, 2x24, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed

E-90, 1.5 RU, Black, 12" Chassis

E90, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed E90, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated E90, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped E90, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed E90, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated E90, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped E90, 2x24, 1.5 RU, Black, 12" Chassis, Non-Normal, Looped E90, 2x24, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed E90, 2x24, 1.5 RU, Black, 12" Chassis, Non-Normal, Isolated

E-90, 2 RU, Black, 7" Chassis

E90, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Bussed E90, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Isolated E90, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Looped E90, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Bussed E90, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Isolated E90, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Looped E90, 2x24, 2 RU, Black, 7" Chassis, Non-Normal, Bussed E90, 2x24, 2 RU, Black, 7" Chassis, Non-Normal, Bussed E90, 2x24, 2 RU, Black, 7" Chassis, Non-Normal, Isolated

E-90, 2 RU, Black, 12" Chassis

E90, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Bussed E90, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Isolated E90, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Looped E90, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Bussed E90, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Isolated E90, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Looped E90, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Looped E90, 2x24, 2 RU, Black, 12" Chassis, Non-Normal, Bussed E90, 2x24, 2 RU, Black, 12" Chassis, Non-Normal, Bussed

PRODUCT NUMBER

G48DC-FNPBT/E3 M2OU7L G48DC-FNPIT/E3 M2OU7L G48DC-FNPLT/E3 M2OU7L G48DC-HNPBT/E3 M2OU7L G48DC-HNPIT/E3 M2OU7L G48DC-HNPLT/E3 M2OU7L G48DC-NNPBT/E3 M2OU7L G48DC-NNPIT/E3 M2OU7L

G48DC-FNPBT/E3 M2OU12L G48DC-FNPIT/E3 M2OU12L G48DC-FNPLT/E3 M2OU12L G48DC-HNPBT/E3 M2OU12L G48DC-HNPIT/E3 M2OU12L G48DC-HNPLT/E3 M2OU12L G48DC-NNPBT/E3 M2OU12L G48DC-NNPIT/E3 M2OU12L

B48DC-FNPBH/E90 M2OU7L B48DC-FNPIH/E90 M2OU7L B48DC-FNPLH/E90 M2OU7L B48DC-HNPBH/E90 M2OU7L B48DC-HNPIH/E90 M2OU7L B48DC-HNPLH/E90 M2OU7L B48DC-NNPBH/E90 M2OU7L B48DC-NNPIH/E90 M2OU7L

B48DC-FNPBH/E90 M2OU12L B48DC-FNPIH/E90 M2OU12L B48DC-FNPLH/E90 M2OU12L B48DC-HNPBH/E90 M2OU12L B48DC-HNPIH/E90 M2OU12L B48DC-HNPLH/E90 M2OU12L B48DC-NNPBH/E90 M2OU12L

B48DC-FNPBT/E90 M2OU7L B48DC-FNPIT/E90 M2OU7L B48DC-FNPLT/E90 M2OU7L B48DC-HNPBT/E90 M2OU7L B48DC-HNPIT/E90 M2OU7L B48DC-HNPLT/E90 M2OU7L B48DC-NNPBT/E90 M2OU7L

B48DC-FNPBT/E90 M2OU12L B48DC-FNPIT/E90 M2OU12L B48DC-FNPLT/E90 M2OU12L B48DC-HNPBT/E90 M2OU12L B48DC-HNPIT/E90 M2OU12L B48DC-HNPLT/E90 M2OU12L B48DC-NNPBT/E90 M2OU12L **VIDEO WECO**

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DESCRIPTION

E-90, 1.5 RU, Gray, 7" Chassis

E90, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Bussed E90, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Isolated E90, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Looped E90, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Bussed E90, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Isolated E90, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Looped E90, 2x24, 1.5 RU, Gray, 7" Chassis, Non-Normal, Bussed E90, 2x24, 1.5 RU, Gray, 7" Chassis, Non-Normal, Bussed E90, 2x24, 1.5 RU, Gray, 7" Chassis, Non-Normal, Isolated

E-90, 1.5 RU, Gray, 12" Chassis

E90, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Bussed E90, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Isolated E90, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Looped E90, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Bussed E90, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Isolated E90, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Looped E90, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Looped E90, 2x24, 1.5 RU, Gray, 12" Chassis, Non-Normal, Bussed E90, 2x24, 1.5 RU, Gray, 12" Chassis, Non-Normal, Bussed

E-90, 2 RU, Gray, 7" Chassis

E90, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Bussed E90, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Isolated E90, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Looped E90, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Bussed E90, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Isolated E90, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Looped E90, 2x24, 2 RU, Gray, 7" Chassis, Non-Normal, Bussed E90, 2x24, 2 RU, Gray, 7" Chassis, Non-Normal, Bussed E90, 2x24, 2 RU, Gray, 7" Chassis, Non-Normal, Isolated

E-90, 2 RU, Gray, 12" Chassis

E90, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Bussed E90, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Isolated E90, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Looped E90, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Bussed E90, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Isolated E90, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Looped E90, 2x24, 2 RU, Gray, 12" Chassis, Non-Normal, Looped E90, 2x24, 2 RU, Gray, 12" Chassis, Non-Normal, Bussed E90, 2x24, 2 RU, Gray, 12" Chassis, Non-Normal, Isolated

ID, 1.5 RU, Black, 7" Chassis

ID, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed ID, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated ID, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Looped ID, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Bussed ID, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated ID, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped ID, 2x24, 1.5 RU, Black, 7" Chassis, Non-Normal, Looped ID, 2x24, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed ID, 2x24, 1.5 RU, Black, 7" Chassis, Non-Normal, Isolated

ID, 1.5 RU, Black, 12" Chassis

ID, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed ID, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated ID, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped ID, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed ID, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated ID, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped ID, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped ID, 2x24, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed ID, 2x24, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed

PRODUCT NUMBER

G48DC-FNPBH/E90 M2OU7L G48DC-FNPIH/E90 M2OU7L G48DC-FNPLH/E90 M2OU7L G48DC-HNPBH/E90 M2OU7L G48DC-HNPIH/E90 M2OU7L G48DC-HNPLH/E90 M2OU7L G48DC-NNPBH/E90 M2OU7L G48DC-NNPIH/E90 M2OU7L

G48DC-FNPBH/E90 M2OU12L G48DC-FNPIH/E90 M2OU12L G48DC-FNPLH/E90 M2OU12L G48DC-HNPBH/E90 M2OU12L G48DC-HNPIH/E90 M2OU12L G48DC-HNPLH/E90 M2OU12L G48DC-NNPBH/E90 M2OU12L

G48DC-FNPBT/E90 M2OU7L G48DC-FNPIT/E90 M2OU7L G48DC-FNPLT/E90 M2OU7L G48DC-HNPBT/E90 M2OU7L G48DC-HNPIT/E90 M2OU7L G48DC-HNPLT/E90 M2OU7L G48DC-NNPBT/E90 M2OU7L G48DC-NNPIT/E90 M2OU7L

G48DC-FNPBT/E90 M2OU12L G48DC-FNPIT/E90 M2OU12L G48DC-FNPLT/E90 M2OU12L G48DC-HNPBT/E90 M2OU12L G48DC-HNPIT/E90 M2OU12L G48DC-HNPLT/E90 M2OU12L G48DC-NNPBT/E90 M2OU12L G48DC-NNPIT/E90 M2OU12L

B48DC-FNPBH/ID M2OU7L B48DC-FNPIH/ID M2OU7L B48DC-FNPLH/ID M2OU7L B48DC-HNPBH/ID M2OU7L B48DC-HNPIH/ID M2OU7L B48DC-HNPLH/ID M2OU7L B48DC-NNPBH/ID M2OU7L B48DC-NNPIH/ID M2OU7L

B48DC-FNPBH/ID M2OU12L B48DC-FNPIH/ID M2OU12L B48DC-FNPLH/ID M2OU12L B48DC-HNPBH/ID M2OU12L B48DC-HNPIH/ID M2OU12L B48DC-HNPLH/ID M2OU12L B48DC-NNPBH/ID M2OU12L B48DC-NNPIH/ID M2OU12L

VIDEO WECO



ID, 2 RU, Black, 7" Chassis
ID, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Bussed
ID, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Isolated
ID, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Looped
ID, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Bussed
ID, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Isolated
ID, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Looped
ID, 2x24, 2 RU, Black, 7" Chassis, Non-Normal, Bussed
ID, 2x24, 2 RU, Black, 7" Chassis, Non-Normal, Isolated

ID, 2 RU, Black, 12" Chassis

ID, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Bussed ID, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Isolated ID, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Looped ID, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Bussed ID, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Isolated ID, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Looped ID, 2x24, 2 RU, Black, 12" Chassis, Non-Normal, Looped ID, 2x24, 2 RU, Black, 12" Chassis, Non-Normal, Bussed ID, 2x24, 2 RU, Black, 12" Chassis, Non-Normal, Isolated

ID, 1.5 RU, Gray, 7" Chassis

ID, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Bussed ID, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Isolated ID, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Looped ID, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Bussed ID, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Isolated ID, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Looped ID, 2x24, 1.5 RU, Gray, 7" Chassis, Non-Normal, Bussed ID, 2x24, 1.5 RU, Gray, 7" Chassis, Non-Normal, Bussed ID, 2x24, 1.5 RU, Gray, 7" Chassis, Non-Normal, Isolated ID, 2x24, 1.5 RU, Gray, 7" Chassis, Non-Normal, ISOlated ID, 2x24, 1.5 RU, Gray, 7" Chassis, Non-Normal, ISOLA, 100 RU, 100

ID, 1.5 RU, Gray, 12" Chassis

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ID, 2 RU, Gray, 7" Chassis

ID, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Bussed ID, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Isolated ID, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Looped ID, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Bussed ID, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Isolated ID, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Looped ID, 2x24, 2 RU, Gray, 7" Chassis, Non-Normal, Bussed ID, 2x24, 2 RU, Gray, 7" Chassis, Non-Normal, Bussed ID, 2x24, 2 RU, Gray, 7" Chassis, Non-Normal, Isolated

ID, 2 RU, Gray, 12" Chassis

ID, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Bussed ID, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Isolated ID, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Looped ID, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Bussed ID, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Isolated ID, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Looped ID, 2x24, 2 RU, Gray, 12" Chassis, Non-Normal, Looped ID, 2x24, 2 RU, Gray, 12" Chassis, Non-Normal, Bussed ID, 2x24, 2 RU, Gray, 12" Chassis, Non-Normal, Bussed

PRODUCT NUMBER

B48DC-FNPBT/ID M2OU7L B48DC-FNPIT/ID M2OU7L B48DC-FNPLT/ID M2OU7L B48DC-HNPBT/ID M2OU7L B48DC-HNPIT/ID M2OU7L B48DC-HNPLT/ID M2OU7L B48DC-NNPBT/ID M2OU7L B48DC-NNPIT/ID M2OU7L

B48DC-FNPBT/ID M2OU12L B48DC-FNPIT/ID M2OU12L B48DC-FNPLT/ID M2OU12L B48DC-HNPBT/ID M2OU12L B48DC-HNPIT/ID M2OU12L B48DC-HNPLT/ID M2OU12L B48DC-NNPBT/ID M2OU12L

G48DC-FNPBH/ID M2OU7L G48DC-FNPIH/ID M2OU7L G48DC-FNPLH/ID M2OU7L G48DC-HNPBH/ID M2OU7L G48DC-HNPIH/ID M2OU7L G48DC-HNPLH/ID M2OU7L G48DC-NNPBH/ID M2OU7L G48DC-NNPIH/ID M2OU7L

G48DC-FNPBH/ID M2OU12L G48DC-FNPIH/ID M2OU12L G48DC-FNPLH/ID M2OU12L G48DC-HNPBH/ID M2OU12L G48DC-HNPIH/ID M2OU12L G48DC-HNPLH/ID M2OU12L G48DC-NNPBH/ID M2OU12L G48DC-NNPIH/ID M2OU12L

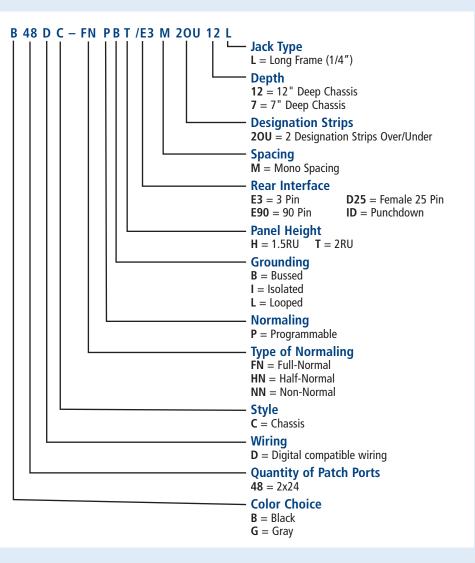
G48DC-FNPBT/ID M2OU7L G48DC-FNPIT/ID M2OU7L G48DC-FNPLT/ID M2OU7L G48DC-HNPBT/ID M2OU7L G48DC-HNPIT/ID M2OU7L G48DC-HNPLT/ID M2OU7L G48DC-NNPBT/ID M2OU7L G48DC-NNPIT/ID M2OU7L

G48DC-FNPBT/ID M2OU12L G48DC-FNPIT/ID M2OU12L G48DC-FNPLT/ID M2OU12L G48DC-HNPBT/ID M2OU12L G48DC-HNPIT/ID M2OU12L G48DC-NNPBT/ID M2OU12L G48DC-NNPBT/ID M2OU12L **AUDIO TT**





Our easy-to-use Ordering Codes let you order the exact patching system you need. As shown in the chart below, simply choose the option you want for each specification.



Mating connectors, contacts and normals (where applicable) are included with standard rear interface audio patchbays. Lacing bars are included with all audio patchbays.

VIDEO WECO





- Programmable Audio Long-Frame (1/4") Patchbay
- Normals and Grounds can be easily reprogrammed by the end-user
- Allows Switched Grounds for a more stable signal structure
- Spacious 2 x 24 jack configuration; 1.5 or 2 RU size
- Rear interface options include E-3, E-90, ID (punchdown) and D25

Our 489-S Series features our innovative Programmable audio patchbays in a 2 x 24 1.5 or 2 RU size, with the added capability of programming switched grounds.

Switched grounds can help eliminate hard-to-find ground loops, and because it provides a more stable signal grounding structure, it's ideal for systems with audio signals coming from numerous locations.

The 489-S programmable patchbay allow users to quickly and easily change the normals and grounding of individual circuits. Normals can be changed to full-normal, half-normal or non-normal. Grounding can be changed to switched, bussed, isolated or looped.

Because it's programmable, the 489-S Series can serve as the foundation for virtually any new, reconfigured or legacy installation. The end result is a patchbay that allows integrators and installers to quickly re-configure patching systems, accommodate customer change-orders, and speed service-calls.

- Normals and Grounding for individual circuits can be easily changed by the end-user
- Normals can be programmed to full-normal, halfnormal or non-normal; Grounding can be programmed to switched, bussed, isolated or looped
- Rear interface options include E-3, E-90, ID (punchdown) and D25
- Gold-plated contacts used in E3 and E90 rear interface
- Jacks rated to 30,000 minimum insertion cycles
- Precision-stamped reinforced steel jack frame

- Copper-nickel-silver alloy leaf springs with goldplated cross bar switching contacts and nickelplated sleeve bushings
- Wired with low-capacitance, AES/EBU-rated shielded, twisted pair
- Panels made from 3/16" solid aluminum with a durable powder-coat finish
- Large user-friendly designation strips
- Mating connectors, contacts and normals (where applicable) are included with all standard rear interfaces

A Bittree

GND

FRONT PORT EXTERNAL PROGRAMMING (under designation strips)

FULL NORMAL

LOOPED GROUNDS

USE INTERNAL DIAGRAM "A"

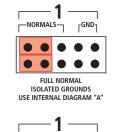
HALF NORMAL

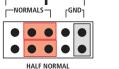
BUSSED GROUNDS

USE INTERNAL DIAGRAM "A"

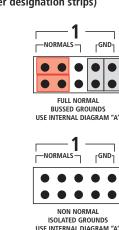
 GND

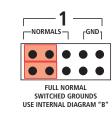
GND

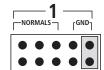




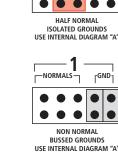
LOOPED GROUNDS USE INTERNAL DIAGRAM "A"







NON NORMAL LOOPED GROUNDS USE INTERNAL DIAGRAM "A"



1

-NORMALS

NORMALS GND INTERNAL PCB PROGRAMMING DIAGRAMS . HALF NORMAL SWITCHED GROUNDS USE INTERNAL DIAGRAM "C' $\bullet \bullet \bullet \bullet$. . $\bullet \bullet \bullet \bullet$ rGND∙ NORMALS R EDHALF NORMAL • ISOLATED GROUND WITH CAPABILITY OF SWITCHED GROUNDS Bittree 301-367-06A USE INTERNAL DIAGRAM "C'

How to Identify a 489-S Series Programmable Patchbay:

489-S Series programmable patchbays can be identified by the "Programmable Icon" in the upper left corner of the patchbay.

How to Change the Programming for a Circuit:

- 1. Remove the top designation strip.
- 2. Find your desired configuration in the diagram above.
- 3. Arrange the programming shunts to match the appropriate diagram. Note: Each circuit can be programmed independently.
- 4. Ample shunts are provided with every patchbay. Red shunts are placed horizontally and are used for normaling. White shunts (shown as light gray above) are placed vertically and are used for grounding.



489-S Series Programmable patchbay shown with designation strips removed, exposing red and white external programming shunts on the top row.

- 5. The circuits are numbered 1–24 and correspond to vertical jack pairs reading left to right.
- 6. For the internal programming, unscrew the screws along the top edges and take off the patchbay dust cover. Locate the Internal PCB Boards inside, which are right behind the back of the jacks (for a better view, turn the rear of the patchbay toward you). There are eight PCB Boards; each one holds three circuits.
- 7. Depending on the Normal/Grounding configuration you want for each circuit, choose Internal Programming Diagram A, B or C from the blue box above and program accordingly, using the same red and white shunts.
- 8. Replace the patchbay dust cover and designation strips.

VIDEO WECO



E-3, 1.5 RU, Black, 7" Chassis

E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Switched E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Switched E3, 2x24, 1.5 RU, Black, 7" Chassis, Non-Normal, Switched

E-3, 1.5 RU, Black, 12" Chassis

E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Switched E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Switched E3, 2x24, 1.5 RU, Black, 12" Chassis, Non-Normal, Switched

E-3, 2 RU, Black, 7" Chassis

E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Switched E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Switched E3, 2x24, 2 RU, Black, 7" Chassis, Non-Normal, Switched

E-3, 2 RU, Black, 12" Chassis

E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Switched E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Switched E3, 2x24, 2 RU, Black, 12" Chassis, Non-Normal, Switched

E-3, 1.5 RU, Gray, 7" Chassis

E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Switched E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Switched E3, 2x24, 1.5 RU, Gray, 7" Chassis, Non-Normal, Switched

E-3, 1.5 RU, Gray, 12" Chassis

E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Switched E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Switched E3, 2x24, 1.5 RU, Gray, 12" Chassis, Non-Normal, Switched

E-3, 2 RU, Gray, 7" Chassis

E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Switched E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Switched E3, 2x24, 2 RU, Gray, 7" Chassis, Non-Normal, Switched

E-3, 2 RU, Gray, 12" Chassis

E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Switched E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Switched E3, 2x24, 2 RU, Gray, 12" Chassis, Non-Normal, Switched

E-90, 1.5 RU, Black, 7" Chassis

E90, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Switched E90, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Switched E90, 2x24, 1.5 RU, Black, 7" Chassis, Non-Normal, Switched

E-90, 1.5 RU, Black, 12" Chassis

E90, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Switched E90, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Switched E90, 2x24, 1.5 RU, Black, 12" Chassis, Non-Normal, Switched

E-90, 2 RU, Black, 7" Chassis

E90, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Switched E90, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Switched E90, 2x24, 2 RU, Black, 7" Chassis, Non-Normal, Switched

E-90, 2 RU, Black, 12" Chassis

E90, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Switched E90, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Switched E90, 2x24, 2 RU, Black, 12" Chassis, Non-Normal, Switched **PRODUCT NUMBER**

B48DC-FNSSH/E3 M2OU7L B48DC-HNSSH/E3 M2OU7L B48DC-NNSSH/E3 M2OU7L

B48DC-FNSSH/E3 M2OU12L B48DC-HNSSH/E3 M2OU12L B48DC-NNSSH/E3 M2OU12L

B48DC-FNSST/E3 M2OU7L B48DC-HNSST/E3 M2OU7L B48DC-NNSST/E3 M2OU7L

B48DC-FNSST/E3 M2OU12L B48DC-HNSST/E3 M2OU12L B48DC-NNSST/E3 M2OU12L

G48DC-FNSSH/E3 M2OU7L G48DC-HNSSH/E3 M2OU7L G48DC-NNSSH/E3 M2OU7L

G48DC-FNSSH/E3 M2OU12L G48DC-HNSSH/E3 M2OU12L G48DC-NNSSH/E3 M2OU12L

G48DC-FNSST/E3 M2OU7L G48DC-HNSST/E3 M2OU7L G48DC-NNSST/E3 M2OU7L

G48DC-FNSST/E3 M2OU12L G48DC-HNSST/E3 M2OU12L G48DC-NNSST/E3 M2OU12L

B48DC-FNSSH/E90 M2OU7L B48DC-HNSSH/E90 M2OU7L B48DC-NNSSH/E90 M2OU7L

B48DC-FNSSH/E90 M2OU12L B48DC-HNSSH/E90 M2OU12L B48DC-NNSSH/E90 M2OU12L

B48DC-FNSST/E90 M2OU7L B48DC-HNSST/E90 M2OU7L B48DC-NNSST/E90 M2OU7L

B48DC-FNSST/E90 M2OU12L B48DC-HNSST/E90 M2OU12L B48DC-NNSST/E90 M2OU12L **AUDIO TT**



E-90, 1.5 RU, Gary, 7" Chassis

E90, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Switched E90, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Switched E90, 2x24, 1.5 RU, Gray, 7" Chassis, Non-Normal, Switched

E-90, 1.5 RU, Gray, 12" Chassis

E90, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Switched E90, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Switched E90, 2x24, 1.5 RU, Gray, 12" Chassis, Non-Normal, Switched

E-90, 2 RU, Gray, 7" Chassis

E90, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Switched E90, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Switched E90, 2x24, 2 RU, Gray, 7" Chassis, Non-Normal, Switched

E-90, 2 RU, Gray, 12" Chassis

E90, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Switched E90, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Switched E90, 2x24, 2 RU, Gray, 12" Chassis, Non-Normal, Switched

ID, 1.5 RU, Black, 7" Chassis

ID, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Switched ID, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Switched ID, 2x24, 1.5 RU, Black, 7" Chassis, Non-Normal, Switched

ID, 1.5 RU, Black, 12" Chassis

ID, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Switched ID, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Switched ID, 2x24, 1.5 RU, Black, 12" Chassis, Non-Normal, Switched

ID, 2 RU, Black, 7" Chassis

ID, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Switched ID, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Switched ID, 2x24, 2 RU, Black, 7" Chassis, Non-Normal, Switched

ID, 2 RU, Black, 12" Chassis

ID, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Switched ID, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Switched ID, 2x24, 2 RU, Black, 12" Chassis, Non-Normal, Switched

ID, 1.5 RU, Gray, 7" Chassis

ID, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Switched ID, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Switched ID, 2x24, 1.5 RU, Gray, 7" Chassis, Non-Normal, Switched

ID, 1.5 RU, Gray, 12" Chassis

ID, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Switched ID, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Switched ID, 2x24, 1.5 RU, Gray, 12" Chassis, Non-Normal, Switched

ID, 2 RU, Gray, 7" Chassis

ID, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Switched ID, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Switched ID, 2x24, 2 RU, Gray, 7" Chassis, Non-Normal, Switched

ID, 2 RU, Gray, 12" Chassis

ID, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Switched ID, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Switched ID, 2x24, 2 RU, Gray, 12" Chassis, Non-Normal, Switched

PRODUCT NUMBER

G48DC-FNSSH/E90 M2OU7L G48DC-HNSSH/E90 M2OU7L G48DC-NNSSH/E90 M2OU7L

G48DC-FNSSH/E90 M2OU12L G48DC-HNSSH/E90 M2OU12L G48DC-NNSSH/E90 M2OU12L

G48DC-FNSST/E90 M2OU7L G48DC-HNSST/E90 M2OU7L G48DC-NNSST/E90 M2OU7L

G48DC-FNSST/E90 M2OU12L G48DC-HNSST/E90 M2OU12L G48DC-NNSST/E90 M2OU12L

B48DC-FNSSH/ID M2OU7L B48DC-HNSSH/ID M2OU7L B48DC-NNSSH/ID M2OU7L

B48DC-FNSSH/ID M2OU12L B48DC-HNSSH/ID M2OU12L B48DC-NNSSH/ID M2OU12L

B48DC-FNSST/ID M2OU7L B48DC-HNSST/ID M2OU7L B48DC-NNSST/ID M2OU7L

B48DC-FNSST/ID M2OU12L B48DC-HNSST/ID M2OU12L B48DC-NNSST/ID M2OU12L

G48DC-FNSSH/ID M2OU7L G48DC-HNSSH/ID M2OU7L G48DC-NNSSH/ID M2OU7L

G48DC-FNSSH/ID M2OU12L G48DC-HNSSH/ID M2OU12L G48DC-NNSSH/ID M2OU12L

G48DC-FNSST/ID M2OU7L G48DC-HNSST/ID M2OU7L G48DC-NNSST/ID M2OU7L

G48DC-FNSST/ID M2OU12L G48DC-HNSST/ID M2OU12L G48DC-NNSST/ID M2OU12L

RS-422 PROG.

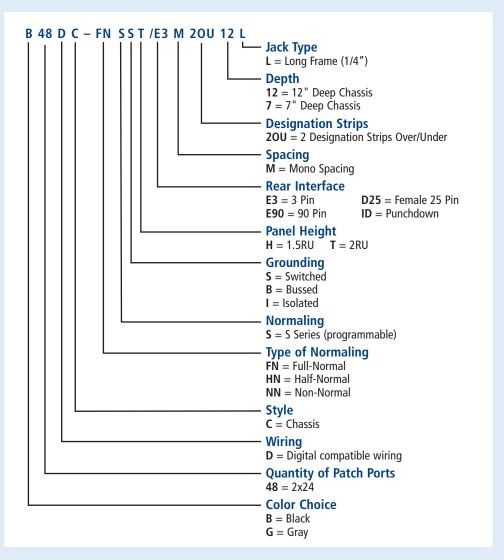
INTEGRATED

ACCESSORIES





Our easy-to-use Ordering Codes let you order the exact patching system you need. As shown in the chart below, simply choose the option you want for each specification.



Mating connectors, contacts and normals (where applicable) are included with standard rear interface audio patchbays. Lacing bars are included with all audio patchbays. **VIDEO MINI WECO**

VIDEO WECO

AES AUDIO



- Programmable Audio Long-Frame (1/4") Patchbay
- Normals and Grounds can be easily reprogrammed by the end-user
- Spacious 2 x 24 jack configuration; 1 RU size
- Small size is ideal for mobile production and other applications in tight quarters
- Rear interface options include E-3, E-90, ID (punchdown) and D25

Our 488 Series features our innovative Programmable audio patchbays in a 2 x 24 1 RU size, making them ideal for mobile production and other applications in tight quarters.

Programmable patchbays allow users to quickly and easily change the normals and grounding of individual circuits. Normals can be changed to full-normal, half-normal or non-normal. Grounding can be changed to bussed, isolated or looped.

Because it's programmable, the 488 Series can serve as the foundation for virtually any new, reconfigured or legacy installation. The end result is a patchbay that allows integrators and installers to quickly re-configure patching systems, accommodate customer change-orders, and speed service-calls.

- Normals and Grounding for individual circuits can be easily changed by the end-user
- Normals can be programmed to full-normal, halfnormal or non-normal; Grounding can be programmed to bussed, isolated or looped
- Rear interface options include E-3, E-90, ID (punchdown) and D25
- Gold-plated contacts used in E3 and E90 rear interface
- Jacks rated to 30,000 minimum insertion cycles
- Precision-stamped reinforced steel jack frame

• Copper-nickel-silver alloy leaf springs with goldplated cross bar switching contacts and nickelplated sleeve bushings

/ Bittree

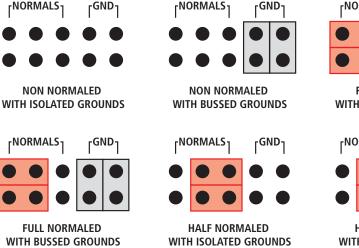
- Wired with low-capacitance, AES/EBU-rated shielded, twisted pair
- Panels made from 3/16" solid aluminum with a durable powder-coat finish
- Large user-friendly designation strips
- Mating connectors, contacts and normals (where applicable) are included with all standard rear interfaces

VIDEO WECO

RS-422 PROG.

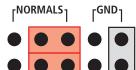
INTEGRATED



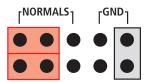




FULL NORMALED WITH ISOLATED GROUNDS



HALF NORMALED WITH LOOPED GROUNDS



FULL NORMALED WITH LOOPED GROUNDS

[^{NORMALS}]		۲ ^{GN}	ן ^{סו}		

HALF NORMALED WITH BUSSED GROUNDS

How to Identify a 488 Series Programmable Patchbay:

488 Series programmable patchbays can only be identified by removing the top dust cover and looking for the presence of red and white programming shunts inside.

How to Change the Programming for a Circuit:

- 1. Find your desired configuration in the diagram above.
- 2. Arrange the programming shunts to match the appropriate diagram.

Note: Each circuit can be programmed independently.

- 3. Ample shunts are provided with every programmable patchbay. Red shunts are placed horizontally and are used for normaling options. White shunts (shown as light gray above) are placed vertically and are used for grounding options.
- 4. Replace the dust cover.



488 Series Programmable patchbay shown with dust cover removed, exposing red and white internal programming shunts.



PROGRAMMING SHUNTS

E-3, 2x24, 1 RU, Black, 7"

E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Bussed
E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Isolated
E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Looped
E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Bussed
E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Isolated
E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Looped
E3, 2x24, 1 RU, Black, 7" Chassis, Non-Normal, Bussed
E3, 2x24, 1 RU, Black, 7" Chassis, Non-Normal, Isolated

E-3, 2x24, 1 RU, Black, 12"

E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Bussed E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Isolated E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Looped E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Bussed E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x24, 1 RU, Black, 12" Chassis, Non-Normal, Looped E3, 2x24, 1 RU, Black, 12" Chassis, Non-Normal, Bussed E3, 2x24, 1 RU, Black, 12" Chassis, Non-Normal, Isolated

E-3, 2x24, 1 RU, Gray, 7"

E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Bussed
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Isolated
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Looped
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Bussed
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Isolated
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Looped
E3, 2x24, 1 RU, Gray, 7" Chassis, Non-Normal, Bussed
E3, 2x24, 1 RU, Gray, 7" Chassis, Non-Normal, Isolated

E-3, 2x24, 1 RU, Gray, 12"

E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Bussed E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Isolated E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Looped E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Bussed E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Isolated E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Looped E3, 2x24, 1 RU, Gray, 12" Chassis, Non-Normal, Looped E3, 2x24, 1 RU, Gray, 12" Chassis, Non-Normal, Bussed E3, 2x24, 1 RU, Gray, 12" Chassis, Non-Normal, Bussed

E-90, 2x24, 1 RU, Black, 7"

E90, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Bussed E90, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Isolated E90, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Looped E90, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Bussed E90, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Isolated E90, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Looped E90, 2x24, 1 RU, Black, 7" Chassis, Non-Normal, Looped E90, 2x24, 1 RU, Black, 7" Chassis, Non-Normal, Bussed E90, 2x24, 1 RU, Black, 7" Chassis, Non-Normal, Isolated

E-90, 2x24, 1 RU, Black, 12"

E90, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Bussed E90, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Isolated E90, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Looped E90, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Bussed E90, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Isolated E90, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Looped E90, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Looped E90, 2x24, 1 RU, Black, 12" Chassis, Non-Normal, Bussed E90, 2x24, 1 RU, Black, 12" Chassis, Non-Normal, Bussed

PRODUCT NUMBER

Bittree

B48DC-FNIBS/E3 M2OU7L B48DC-FNIIS/E3 M2OU7L B48DC-FNILS/E3 M2OU7L B48DC-HNIBS/E3 M2OU7L B48DC-HNIIS/E3 M2OU7L B48DC-HNILS/E3 M2OU7L B48DC-NNIBS/E3 M2OU7L

B48DC-FNIBS/E3 M2OU12L B48DC-FNIIS/E3 M2OU12L B48DC-FNILS/E3 M2OU12L B48DC-HNIBS/E3 M2OU12L B48DC-HNILS/E3 M2OU12L B48DC-HNILS/E3 M2OU12L B48DC-NNIBS/E3 M2OU12L

G48DC-FNIBS/E3 M2OU7L G48DC-FNIIS/E3 M2OU7L G48DC-FNILS/E3 M2OU7L G48DC-HNIBS/E3 M2OU7L G48DC-HNIIS/E3 M2OU7L G48DC-HNILS/E3 M2OU7L G48DC-NNIBS/E3 M2OU7L G48DC-NNIIS/E3 M2OU7L

G48DC-FNIBS/E3 M2OU12L G48DC-FNIIS/E3 M2OU12L G48DC-FNILS/E3 M2OU12L G48DC-HNIBS/E3 M2OU12L G48DC-HNILS/E3 M2OU12L G48DC-HNILS/E3 M2OU12L G48DC-NNIBS/E3 M2OU12L G48DC-NNIS/E3 M2OU12L

B48DC-FNIBS/E90 M2OU7L B48DC-FNIIS/E90 M2OU7L B48DC-FNILS/E90 M2OU7L B48DC-HNIBS/E90 M2OU7L B48DC-HNIIS/E90 M2OU7L B48DC-HNILS/E90 M2OU7L B48DC-NNIBS/E90 M2OU7L

B48DC-FNIBS/E90 M2OU12L B48DC-FNIIS/E90 M2OU12L B48DC-FNILS/E90 M2OU12L B48DC-HNIBS/E90 M2OU12L B48DC-HNIIS/E90 M2OU12L B48DC-HNILS/E90 M2OU12L B48DC-NNIBS/E90 M2OU12L

VIDEO WECO

RS-422 PROG.

INTEGRATED



PRODUCT NUMBER

DESCRIPTION	
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E-90, 2x24, 1 RU, Gray, 7"	
E90, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Bussed	G48DC-FNIBS/E90 M2OU7L
E90, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Isolated	G48DC-FNIIS/E90 M2OU7L
E90, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Looped	G48DC-FNILS/E90 M2OU7L
E90, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Bussed	G48DC-HNIBS/E90 M2OU7L
E90, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Isolated	G48DC-HNIIS/E90 M2OU7L
E90, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Looped	G48DC-HNILS/E90 M2OU7L
E90, 2x24, 1 RU, Gray, 7" Chassis, Non-Normal, Bussed	G48DC-NNIBS/E90 M2OU7L
E90, 2x24, 1 RU, Gray, 7" Chassis, Non-Normal, Isolated	G48DC-NNIIS/E90 M2OU7L
E-90, 2x24, 1 RU, Gray, 12"	
E90, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Bussed	G48DC-FNIBS/E90 M2OU12L
E90, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Isolated	G48DC-FNIIS/E90 M2OU12L
E90, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Looped	G48DC-FNILS/E90 M2OU12L
E90, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Bussed	G48DC-HNIBS/E90 M2OU12L
E90, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Isolated	G48DC-HNIIS/E90 M2OU12L
E90, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Looped	G48DC-HNILS/E90 M2OU12L
E90, 2x24, 1 RU, Gray, 12" Chassis, Non-Normal, Bussed	G48DC-NNIBS/E90 M2OU12L
E90, 2x24, 1 RU, Gray, 12" Chassis, Non-Normal, Isolated	G48DC-NNIIS/E90 M2OU12L

REAR INTERFACE OPTIONS

The 488 Series comes with four rear interface options – E-3, E-90, ID (punchdown) and D25. Full views of E3, E90 and ID (punchdown) rear interfaces can be seen throughout this catalog; full view of the D25 rear interface can be seen at Bittree.com.

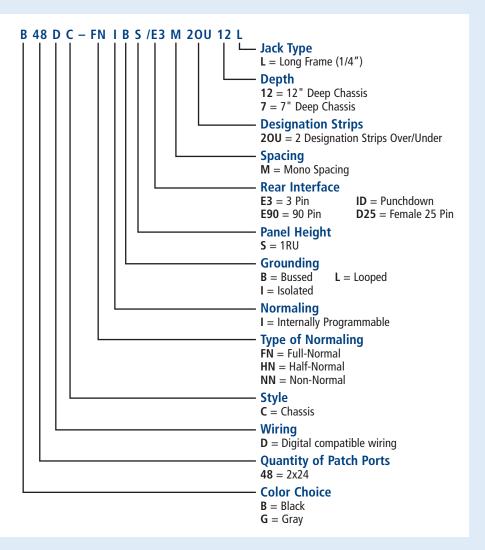








Our easy-to-use Ordering Codes let you order the exact patching system you need. As shown in the chart below, simply choose the option you want for each specification.



Mating connectors, contacts and normals (where applicable) are included with standard rear interface audio patchbays. Lacing bars are included with all audio patchbays.

RS-422 PROG.





- Classic, Non-Programmable Audio Long-Frame (1/4") Patchbay
- Available with more options than any audio patchbay, including rear interface, normaling, grounding, jack spacing, panel color, chassis depth and rack-unit height
- Spacious 2 x 24 jack configuration; 1, 1.5 or 2 RU size
- Rear interface options include E-3, E-56, E-90, ID (punchdown) and D25

Our 481 Series features our classic, non-programmable audio patchbays. With a jack configuration of 2 x 24, the 481 Series comes with the most options of any audio patchbay, including rear interface, normaling, grounding, jack spacing, panel color, chassis depth and rack-unit height.

All Bittree audio patchbays bring you enhanced studio versatility and instant signal re-routing, and are perfect for master control and central switching I/O, audio console I/O, recording device I/O, and audio routing switcher bypass and input rerouting.

Our audio patchbays are built to AES/EBU specifications, and are internally wired with low-capacitance, shielded, 110-ohm twisted pairs. The low-capacitance characteristics make them ideal for both digital as well as analog applications.

- Available in 1, 1.5 or 2 rack units (RU), in fully enclosed 7" or 12" deep chassis
- Normals can be set to full-normal, half-normal or non-normal; Grounding can be set to switched, bussed, isolated or looped
- Normals can be looped internally or brought out to the rear interface
- Rear interface options include E-3, E-56, E-90, ID (Punchdown), D25 and Centronics 50-pin
- Gold-plated contacts used in E3 and E90 rear interface
- Jacks rated to 30,000 minimum insertion cycles

- Precision-stamped reinforced steel jack frame
- Copper-nickel-silver alloy leaf springs with goldplated cross bar switching contacts and nickelplated sleeve bushings
- Wired with low-capacitance, AES/EBU-rated shielded, twisted pair
- Panels made from 3/16" solid aluminum with a durable powder-coat finish
- Large user-friendly designation strips
- Mating connectors, contacts and normals (where applicable) are included with all standard rear interfaces

Think of our 481 Series of Audio Patchbays as our "Custom" series – without the cost and delays of a typical custom patchbay. This series allows you to build virtually any patchbay in virtually any configuration. On the following pages are just some of the configurations available. Only E-3 rear interfaces are listed here, but we also offer E-56, E-90, ID (punchdown), D25 and Centronic 50-pin rear interfaces. If you don't see what you're looking for, please call your Bittree Sales Consultant.

DESCRIPTION

E-3, 1x24, 1 RU, Black, Mono Spacing

E3, 1x24, 1 RU, Black, 7" Chassis, Non-Normal, Bussed E3, 1x24, 1 RU, Black, 7" Chassis, Non-Normal, Isolated E3, 1x24, 1 RU, Black, 12" Chassis, Non-Normal, Bussed E3, 1x24, 1 RU, Black, 12" Chassis, Non-Normal, Isolated

E-3, 1x24, 1 RU, Black, Stereo Spacing

E3, 1x24, 1 RU, Black, 7" Chassis, Non-Normal, Bussed E3, 1x24, 1 RU, Black, 7" Chassis, Non-Normal, Isolated E3, 1x24, 1 RU, Black, 12" Chassis, Non-Normal, Bussed E3, 1x24, 1 RU, Black, 12" Chassis, Non-Normal, Isolated

PRODUCT NUMBER

B24DC-NNNBS/E3 M1007L B24DC-NNNIS/E3 M1007L B24DC-NNNBS/E3 M10012L B24DC-NNNIS/E3 M10012L Bittree

B24DC-NNNBS/E3 S1007L B24DC-NNNIS/E3 S1007L B24DC-NNNBS/E3 S10012L B24DC-NNNIS/E3 S10012L

B48DC-FNLBS/E3 M2OU7L B48DC-FNLIS/E3 M2OU7L B48DC-FNLS/E3 M2OU7L B48DC-FNLSS/E3 M2OU7L B48DC-HNLBS/E3 M2OU7L B48DC-HNLLS/E3 M2OU7L B48DC-HNLSS/E3 M2OU7L B48DC-NNNBS/E3 M2OU7L B48DC-NNNIS/E3 M2OU7L B48DC-FNLBS/E3 M2OU12L B48DC-FNLIS/E3 M2OU12L

B48DC-FNLLS/E3 M2OU12L B48DC-FNLSS/E3 M2OU12L B48DC-HNLBS/E3 M2OU12L B48DC-HNLIS/E3 M2OU12L B48DC-HNLLS/E3 M2OU12L B48DC-HNLSS/E3 M2OU12L B48DC-NNNBS/E3 M2OU12L B48DC-NNNIS/E3 M2OU12L

E-3, 2x24, 1 RU, Black, Mono Spacing, Over/Under Strips

E 5, EALA, 1 NO, Black, mono spacing, ore
E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Bussed
E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Isolated
E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Looped
E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Switched
E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Bussed
E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Isolated
E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Looped
E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Switched
E3, 2x24, 1 RU, Black, 7" Chassis, Non-Normal, Bussed
E3, 2x24, 1 RU, Black, 7" Chassis, Non-Normal, Isolated
E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Bussed
E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Isolated
E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Looped
E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Switched
E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Bussed
E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Isolated
E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Looped
E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Switched
E3, 2x24, 1 RU, Black, 12" Chassis, Non-Normal, Bussed
E3, 2x24, 1 RU, Black, 12" Chassis, Non-Normal, Isolated

E-3, 2x24, 1 RU, Black, Stereo Spacing, Over/Under Strips

E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Bussed E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Isolated E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Looped E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Switched E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Bussed E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Isolated E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Looped E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Switched E3, 2x24, 1 RU, Black, 7" Chassis, Non-Normal, Bussed E3, 2x24, 1 RU, Black, 7" Chassis, Non-Normal, Isolated E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Bussed E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Isolated E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Looped E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Switched E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Bussed E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Switched E3, 2x24, 1 RU, Black, 12" Chassis, Non-Normal, Bussed E3, 2x24, 1 RU, Black, 12" Chassis, Non-Normal, Isolated

B48DC-FNLBS/E3 S2OU7L B48DC-FNLIS/E3 S2OU7L B48DC-FNLLS/E3 S2OU7L B48DC-FNLSS/E3 S2OU7L B48DC-HNLBS/E3 S2OU7L B48DC-HNLIS/E3 S2OU7L B48DC-HNLLS/E3 S2OU7L B48DC-HNLSS/E3 S2OU7L B48DC-NNNBS/E3 S2OU7L B48DC-NNNIS/E3 S2OU7L B48DC-FNLBS/E3 S2OU12L B48DC-FNLIS/E3 S2OU12L B48DC-FNLLS/E3 S2OU12L B48DC-FNLSS/E3 S2OU12L B48DC-HNLBS/E3 S2OU12L B48DC-HNLIS/E3 S2OU12L B48DC-HNLLS/E3 S2OU12L B48DC-HNLSS/E3 S2OU12L B48DC-NNNBS/E3 S2OU12L B48DC-NNNIS/E3 S2OU12L

VIDEO WECO

ACCESSORIES INTEGRATED



PRODUCT NUMBER

VIDEO MINI WECO

E-3, 2x24, 1 RU, Black, Mono Spacing, Over/Ove	r String
E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Bussed	B48DC-FNLBS/E3 M2OO7L
E3, 2x24, 1 RU, Black, 7 Chassis, Full-Normal, Bussed	B48DC-FNLIS/E3 M2007L
E3, 2x24, 1 RU, Black, 7 Chassis, Full-Normal, Looped	B48DC-FNLLS/E3 M2007L
E3, 2x24, 1 RU, Black, 7 Chassis, Full-Normal, Eooped	B48DC-FNLSS/E3 M2007L
E3, 2x24, 1 RU, Black, 7 Chassis, Full-Normal, Switched	B48DC-HNLBS/E3 M2007L
E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Isolated	B48DC-HNLIS/E3 M2007L
E3, 2x24, 1 RU, Black, 7 Chassis, Half-Normal, Looped	B48DC-HNLLS/E3 M2007L
E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Switched	B48DC-HNLSS/E3 M2007L
E3, 2x24, 1 RU, Black, 7" Chassis, Non-Normal, Bussed	B48DC-NNNBS/E3 M2007L
E3, 2x24, 1 RU, Black, 7" Chassis, Non-Normal, Isolated	B48DC-NNNIS/E3 M2OO7L
E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Bussed	B48DC-FNLBS/E3 M2OO12L
E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Isolated	B48DC-FNLIS/E3 M2OO12L
E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Looped	B48DC-FNLLS/E3 M2OO12L
E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Switched	B48DC-FNLSS/E3 M2OO12L
E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Bussed	B48DC-HNLBS/E3 M2OO12L
E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Isolated	B48DC-HNLIS/E3 M2OO12L
E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Looped	B48DC-HNLLS/E3 M2OO12L
E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Switched	B48DC-HNLSS/E3 M2OO12L
E3, 2x24, 1 RU, Black, 12" Chassis, Non-Normal, Bussed	B48DC-NNNBS/E3 M2OO12L
E3, 2x24, 1 RU, Black, 12" Chassis, Non-Normal, Isolated	B48DC-NNNIS/E3 M2OO12L
E-3, 2x24, 1 RU, Black, Stereo Spacing, Over/Ove	
E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Bussed	B48DC-FNLBS/E3 S2OO7L
E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Isolated	B48DC-FNLIS/E3 S2OO7L
E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Looped	B48DC-FNLLS/E3 S2007L
E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Switched E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Bussed	B48DC-FNLSS/E3 S2OO7L B48DC-HNLBS/E3 S2OO7L
E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Bussed	B48DC-HNLIS/E3 S2007L B48DC-HNLIS/E3 S2007L
E3, 2x24, 1 RU, Black, 7 Chassis, Half-Normal, Isolated	B48DC-HNLLS/E3 S2007L B48DC-HNLLS/E3 S2007L
E3, 2x24, 1 RU, Black, 7 Chassis, Half-Normal, Switched	B48DC-HNLSS/E3 S2007L
E3, 2x24, 1 RU, Black, 7" Chassis, Non-Normal, Bussed	B48DC-NNNBS/E3 S2OO7L
E3, 2x24, 1 RU, Black, 7" Chassis, Non-Normal, Isolated	B48DC-NNNIS/E3 S2007L
E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Bussed	B48DC-FNLBS/E3 S2OO12L
E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Isolated	B48DC-FNLIS/E3 S2OO12L
E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Looped	B48DC-FNLLS/E3 S2OO12L
E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Switched	B48DC-FNLSS/E3 S2OO12L
E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Bussed	B48DC-HNLBS/E3 S2OO12L
E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Isolated	B48DC-HNLIS/E3 S2OO12L
E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Looped	B48DC-HNLLS/E3 S2OO12L
E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Switched	B48DC-HNLSS/E3 S2OO12L
E3, 2x24, 1 RU, Black, 12" Chassis, Non-Normal, Bussed	B48DC-NNNBS/E3 S2OO12L
E3, 2x24, 1 RU, Black, 12" Chassis, Non-Normal, Isolated	B48DC-NNNIS/E3 S2OO12L
E 2 2x24 1 E BU Black Mono Specing Over/U	adau String
E-3, 2x24, 1.5 RU, Black, Mono Spacing, Over/Ur	
E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated	B48DC-FNLBH/E3 M2OU7L B48DC-FNLIH/E3 M2OU7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated	B48DC-FNLLH/E3 M2007L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Switched	B48DC-FNLSH/E3 M2OU7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Full Normal, Bussed	B48DC-HNLBH/E3 M2007E
E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated	B48DC-HNLIH/E3 M2OU7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped	B48DC-HNLLH/E3 M2OU7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Switched	B48DC-HNLSH/E3 M2OU7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed	B48DC-NNNBH/E3 M2OU7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Non-Normal, Isolated	B48DC-NNNIH/E3 M2OU7L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed	B48DC-FNLBH/E3 M2OU12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated	B48DC-FNLIH/E3 M2OU12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped	B48DC-FNLLH/E3 M2OU12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Switched	B48DC-FNLSH/E3 M2OU12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed	B48DC-HNLBH/E3 M2OU12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated	B48DC-HNLIH/E3 M2OU12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped	B48DC-HNLLH/E3 M2OU12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Switched	B48DC-HNLSH/E3 M2OU12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed	B48DC-NNNBH/E3 M2OU12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Non-Normal, Isolated	B48DC-NNNIH/E3 M2OU12L

DESCRIPTION



PRODUCT NUMBER

B48DC-NNNIH/E3 S2OO12L

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DESCRIPTION	PRODUCT NUMBER
E-3, 2x24, 1.5 RU, Black, Stereo Spacing, Over/Unde	r String
	B48DC-FNLBH/E3 S2OU7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed	
E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated	B48DC-FNLIH/E3 S2OU7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Looped	B48DC-FNLLH/E3 S2OU7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Switched	B48DC-FNLSH/E3 S2OU7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Bussed	B48DC-HNLBH/E3 S2OU7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated	B48DC-HNLIH/E3 S2OU7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped	B48DC-HNLLH/E3 S2OU7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Switched	B48DC-HNLSH/E3 S2OU7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed	B48DC-NNNBH/E3 S2OU7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Non-Normal, Isolated	B48DC-NNNIH/E3 S2OU7L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed	B48DC-FNLBH/E3 S2OU12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated	B48DC-FNLIH/E3 S2OU12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped	B48DC-FNLLH/E3 S2OU12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Switched	B48DC-FNLSH/E3 S2OU12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed	B48DC-HNLBH/E3 S2OU12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated	B48DC-HNLIH/E3 S2OU12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped	B48DC-HNLLH/E3 S2OU12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Switched	B48DC-HNLSH/E3 S2OU12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed	B48DC-NNNBH/E3 S2OU12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Non-Normal, Isolated	B48DC-NNNIH/E3 S2OU12L
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E-3, 2x24, 1.5 RU, Black, Mono Spacing, Over/Over S	Strips
E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed	B48DC-FNLBH/E3 M2OO7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated	B48DC-FNLIH/E3 M2OO7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Looped	B48DC-FNLLH/E3 M2OO7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Switched	B48DC-FNLSH/E3 M2OO7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Bussed	B48DC-HNLBH/E3 M2OO7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated	B48DC-HNLIH/E3 M2OO7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped	B48DC-HNLLH/E3 M2OO7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Switched	B48DC-HNLSH/E3 M2OO7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed	B48DC-NNNBH/E3 M2OO7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Non-Normal, Isolated	B48DC-NNNIH/E3 M2OO7L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed	B48DC-FNLBH/E3 M2OO12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated	B48DC-FNLIH/E3 M2OO12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped	B48DC-FNLLH/E3 M2OO12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Switched	B48DC-FNLSH/E3 M2OO12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed	B48DC-HNLBH/E3 M2OO12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated	B48DC-HNLIH/E3 M2OO12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped	B48DC-HNLLH/E3 M2OO12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Switched	B48DC-HNLSH/E3 M2OO12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed	B48DC-NNNBH/E3 M2OO12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Non-Normal, Isolated	B48DC-NNNIH/E3 M2OO12L
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E-3, 2x24, 1.5 RU, Black, Stereo Spacing, Over/Over	Strips
E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed	B48DC-FNLBH/E3 S2OO7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated	B48DC-FNLIH/E3 S2OO7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Looped	B48DC-FNLLH/E3 S2OO7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Switched	B48DC-FNLSH/E3 S2OO7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Bussed	B48DC-HNLBH/E3 S2OO7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated	B48DC-HNLIH/E3 S2OO7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped	B48DC-HNLLH/E3 S2OO7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Switched	B48DC-HNLSH/E3 S2OO7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed	B48DC-NNNBH/E3 S2OO7L
E3, 2x24, 1.5 RU, Black, 7" Chassis, Non-Normal, Isolated	B48DC-NNNIH/E3 S2OO7L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed	B48DC-FNLBH/E3 S2OO12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated	B48DC-FNLIH/E3 S2OO12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped	B48DC-FNLLH/E3 S2OO12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Switched	B48DC-FNLSH/E3 S2OO12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed	B48DC-HNLBH/E3 S2OO12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated	B48DC-HNLIH/E3 S2OO12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped	B48DC-HNLLH/E3 S2OO12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Switched	B48DC-HNLSH/E3 S2OO12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed	B48DC-NNNBH/E3 S2OO12L
F3 2x24 1 5 RU Black 12" Chassis Non-Normal Isolated	B48DC-NNNIH/F3 S20012I

E3, 2x24, 1.5 RU, Black, 12" Chassis, Non-Normal, Isolated



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DESCRIPTION	PRODUCT NUMBER
E-3, 2x24, 2 RU, Black, Mono Spacing, Over/Unde	r String
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Bussed	B48DC-FNLBT/E3 M2OU7L
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Isolated	B48DC-FNLIT/E3 M2OU7L
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Looped	B48DC-FNLLT/E3 M2OU7L
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Switched	B48DC-FNLST/E3 M2OU7L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Bussed	B48DC-HNLBT/E3 M2OU7L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Isolated	B48DC-HNLIT/E3 M2OU7L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Looped	B48DC-HNLLT/E3 M2OU7L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Switched E3, 2x24, 2 RU, Black, 7" Chassis, Non-Normal, Bussed	B48DC-HNLST/E3 M2OU7L B48DC-NNNBT/E3 M2OU7L
E3, 2x24, 2 RU, Black, 7" Chassis, Non-Normal, Bussed	B48DC-NNNIT/E3 M2007L B48DC-NNNIT/E3 M20U7L
E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Bussed	B48DC-FNLBT/E3 M2OU12L
E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Isolated	B48DC-FNLIT/E3 M2OU12L
E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Looped	B48DC-FNLLT/E3 M2OU12L
E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Switched	B48DC-FNLST/E3 M2OU12L
E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Bussed	B48DC-HNLBT/E3 M2OU12L
E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Isolated	B48DC-HNLIT/E3 M2OU12L
E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Looped	B48DC-HNLLT/E3 M2OU12L
E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Switched	B48DC-HNLST/E3 M2OU12L
E3, 2x24, 2 RU, Black, 12" Chassis, Non-Normal, Bussed	B48DC-NNNBT/E3 M2OU12L B48DC-NNNIT/E3 M2OU12L
E3, 2x24, 2 RU, Black, 12" Chassis, Non-Normal, Isolated	B46DC-NNN11/E5 M20012L
E-3, 2x24, 2 RU, Black, Stereo Spacing, Over/Unde	er Strips
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Bussed	B48DC-FNLBT/E3 S2OU7L
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Isolated	B48DC-FNLIT/E3 S2OU7L
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Looped	B48DC-FNLLT/E3 S2OU7L
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Switched	B48DC-FNLST/E3 S2OU7L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Bussed	B48DC-HNLBT/E3 S2OU7L B48DC-HNLIT/E3 S2OU7L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Isolated E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Looped	B48DC-HNLIT/E3 S2OU7L B48DC-HNLLT/E3 S2OU7L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Switched	B48DC-HNLST/E3 S2OU7L
E3, 2x24, 2 RU, Black, 7" Chassis, Non-Normal, Bussed	B48DC-NNNBT/E3 S2OU7L
E3, 2x24, 2 RU, Black, 7" Chassis, Non-Normal, Isolated	B48DC-NNNIT/E3 S2OU7L
E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Bussed	B48DC-FNLBT/E3 S2OU12L
E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Isolated	B48DC-FNLIT/E3 S2OU12L
E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Looped	B48DC-FNLLT/E3 S2OU12L
E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Switched	B48DC-FNLST/E3 S2OU12L
E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Bussed E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Isolated	B48DC-HNLBT/E3 S2OU12L B48DC-HNLIT/E3 S2OU12L
E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Looped	B48DC-HNLLT/E3 S2OU12L B48DC-HNLLT/E3 S2OU12L
E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Ecoped	B48DC-HNLST/E3 S2OU12L
E3, 2x24, 2 RU, Black, 12" Chassis, Non-Normal, Bussed	B48DC-NNNBT/E3 S2OU12L
E3, 2x24, 2 RU, Black, 12" Chassis, Non-Normal, Isolated	B48DC-NNNIT/E3 S2OU12L
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E-3, 2x24, 2 RU, Black, Mono Spacing, Over/Over	
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Bussed	B48DC-FNLBT/E3 M2007L
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Isolated E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Looped	B48DC-FNLIT/E3 M2OO7L B48DC-FNLLT/E3 M2OO7L
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Switched	B48DC-FNLST/E3 M2007L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Bussed	B48DC-HNLBT/E3 M2007L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Isolated	B48DC-HNLIT/E3 M2OO7L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Looped	B48DC-HNLLT/E3 M2OO7L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Switched	B48DC-HNLST/E3 M2OO7L
E3, 2x24, 2 RU, Black, 7" Chassis, Non-Normal, Bussed	B48DC-NNNBT/E3 M2OO7L
E3, 2x24, 2 RU, Black, 7" Chassis, Non-Normal, Isolated	B48DC-NNNIT/E3 M2007L
E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Bussed	B48DC-FNLBT/E3 M20012L
E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Isolated	B48DC-FNLIT/E3 M2OO12L
E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Looped E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Switched	B48DC-FNLLT/E3 M2OO12L B48DC-FNLST/E3 M2OO12L
E3, 2x24, 2 RU, Black, 12 [°] Chassis, Full-Normal, Switched	B48DC-HNLBT/E3 M20012L
E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Isolated	B48DC-HNLIT/E3 M2OO12L
E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Looped	B48DC-HNLLT/E3 M2OO12L
E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Switched	B48DC-HNLST/E3 M2OO12L
E3, 2x24, 2 RU, Black, 12" Chassis, Non-Normal, Bussed	B48DC-NNNBT/E3 M2OO12L
F3 2x24 2 RU Black 12" Chassis Non-Normal Isolated	B48DC-NNNIT/F3 M20012L

E3, 2x24, 2 RU, Black, 12" Chassis, Non-Normal, Isolated

B48DC-NNNIT/E3 M2OO12L



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E-3, 2x24, 2 RU, Black, Stereo Spacing, Over/Over	r Strips
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Bussed	B48DC-FNLBT/E3 S2OO7L
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Isolated	B48DC-FNLIT/E3 S2OO7L
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Looped	B48DC-FNLLT/E3 S2OO7L
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Switched	B48DC-FNLST/E3 S2OO7L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Bussed	B48DC-HNLBT/E3 S2OO7L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Isolated	B48DC-HNLIT/E3 S2OO7L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Looped	B48DC-HNLLT/E3 S2OO7L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Switched	B48DC-HNLST/E3 S2OO7L
E3, 2x24, 2 RU, Black, 7" Chassis, Non-Normal, Bussed	B48DC-NNNBT/E3 S2OO7L
E3, 2x24, 2 RU, Black, 7" Chassis, Non-Normal, Isolated	B48DC-NNNIT/E3 S2OO7L
E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Bussed	B48DC-FNLBT/E3 S2OO12L
E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Isolated	B48DC-FNLIT/E3 S2OO12L
E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Looped	B48DC-FNLLT/E3 S2OO12L
E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Switched	B48DC-FNLST/E3 S2OO12L
E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Bussed	B48DC-HNLBT/E3 S2OO12L
E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Isolated	B48DC-HNLIT/E3 S2OO12L
E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Looped	B48DC-HNLLT/E3 S2OO12L
E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Switched	B48DC-HNLST/E3 S2OO12L
E3, 2x24, 2 RU, Black, 12" Chassis, Non-Normal, Bussed	B48DC-NNNBT/E3 S2OO12L
E3, 2x24, 2 RU, Black, 12" Chassis, Non-Normal, Isolated	B48DC-NNNIT/E3 S2OO12L
E-3, 2x24, 1 RU, Black, Mono Spacing, Over/Unde	
E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Bussed	B48DC-FNOBS/E3 M2OU7L
E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Isolated	B48DC-FNOIS/E3 M2OU7L
E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Looped	B48DC-FNOLS/E3 M2OU7L
E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Switched	B48DC-FNOSS/E3 M2OU7L
E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Bussed	B48DC-HNOBS/E3 M2OU7L
E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Isolated	B48DC-HNOIS/E3 M2OU7L
E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Looped	B48DC-HNOLS/E3 M2OU7L
E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Switched	B48DC-HNOSS/E3 M2OU7L
E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Bussed	B48DC-FNOBS/E3 M2OU12L
E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Isolated	B48DC-FNOIS/E3 M2OU12L
E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Looped	B48DC-FNOLS/E3 M2OU12L
E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Switched	B48DC-FNOSS/E3 M2OU12L
E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Bussed	B48DC-HNOBS/E3 M2OU12L
E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Isolated	B48DC-HNOIS/E3 M2OU12L
E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Looped	B48DC-HNOLS/E3 M2OU12L
E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Switched	B48DC-HNOSS/E3 M2OU12L
E-3, 2x24, 1 RU, Black, Stereo Spacing, Over/Und	er Strins Normals Out
E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Bussed	B48DC-FNOBS/E3 S2OU7L
E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Bussed	B48DC-FNOIS/E3 S2007E
E3, 2x24, 1 RU, Black, 7 Chassis, Full-Normal, Isolated	B48DC-FNOIS/E3 S2OU7L B48DC-FNOIS/E3 S2OU7L
E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, E00ped	B48DC-FNOES/E3 S2OU7L
E3, 2x24, 1 RU, Black, 7 Chassis, Full-Normal, Bussed	B48DC-HNOBS/E3 S2007L
E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Bussed	B48DC-HNOIS/E3 S2007L
E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Looped	B48DC-HNOLS/E3 S2OU7L
E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Eooped	B48DC-HNOSS/E3 S2007L B48DC-HNOSS/E3 S20U7L
E3, 2x24, 1 RU, Black, 12" Chassis, Hall-Normal, Bussed	B48DC-FNOBS/E3 S2007E B48DC-FNOBS/E3 S20U12L
E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Isolated	B48DC-FNOB5/E5 520012L B48DC-FNOIS/E3 S20012L
E3, 2x24, 1 RU, Black, 12 Chassis, Full-Normal, Isolated	B48DC-FNOIS/E3 S20012L B48DC-FNOLS/E3 S20012L
E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Switched	B48DC-FNOLS/E3 S20012L B48DC-FNOSS/E3 S20012L
E3, 2x24, 1 RU, Black, 12 Chassis, Full-Normal, Switched E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Bussed	B48DC-HNOBS/E3 S20012L B48DC-HNOBS/E3 S20012L
E3, 2x24, 1 RU, Black, 12 Chassis, Half-Normal, Bussed E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Isolated	B48DC-HNOIS/E3 S2OU12L B48DC-HNOIS/E3 S2OU12L
E3, 2x24, 1 RU, Black, 12 Chassis, Half-Normal, Isolated	B48DC-HNOLS/E3 S20012L B48DC-HNOLS/E3 S20012L
E3, 2x24, 1 RU, Black, 12 Chassis, Half-Normal, Euopeu E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Switched	B48DC-HNOLS/E3 S20012L B48DC-HNOSS/E3 S20012L
Lo, 2727, 1 NO, DIACK, 12 CHASSIS, Hall-WOIHIdi, SWICHEU	540DC-111055/E5 520012L



DESCRIPTION **PRODUCT NUMBER** E-3, 2x24, 1 RU, Black, Mono Spacing, Over/Over Strips, Normals Out E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Bussed B48DC-FNOBS/E3 M2OO7L E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Isolated B48DC-FNOIS/E3 M2OO7L E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Looped B48DC-FNOLS/E3 M2OO7L E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Switched B48DC-FNOSS/E3 M2OO7L E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Bussed B48DC-HNOBS/E3 M2OO7L E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Isolated B48DC-HNOIS/E3 M2OO7L E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Looped B48DC-HNOLS/E3 M2OO7L E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Switched B48DC-HNOSS/E3 M2OO7L E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Bussed B48DC-FNOBS/E3 M2OO12L E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Isolated B48DC-FNOIS/E3 M2OO12L E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Looped B48DC-FNOLS/E3 M2OO12L E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Switched B48DC-FNOSS/E3 M2OO12L E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Bussed B48DC-HNOBS/E3 M2OO12L E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Isolated B48DC-HNOIS/E3 M2OO12L E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Looped B48DC-HNOLS/E3 M2OO12L E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Switched B48DC-HNOSS/E3 M2OO12L E-3, 2x24, 1 RU, Black, Stereo Spacing, Over/Over Strips, Normals Out E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Bussed B48DC-FNOBS/E3 S2OO7L E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Isolated B48DC-FNOIS/E3 S2OO7L E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Looped B48DC-FNOLS/E3 S2OO7L E3, 2x24, 1 RU, Black, 7" Chassis, Full-Normal, Switched B48DC-FNOSS/E3 S2OO7L E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Bussed B48DC-HNOBS/E3 S2OO7L E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Isolated B48DC-HNOIS/E3 S2OO7L E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Looped B48DC-HNOLS/E3 S2OO7L E3, 2x24, 1 RU, Black, 7" Chassis, Half-Normal, Switched B48DC-HNOSS/E3 S2OO7L E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Bussed B48DC-FNOBS/E3 S2OO12L E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Isolated B48DC-FNOIS/E3 S2OO12L E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Looped B48DC-FNOLS/E3 S2OO12L E3, 2x24, 1 RU, Black, 12" Chassis, Full-Normal, Switched B48DC-FNOSS/E3 S2OO12L E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Bussed B48DC-HNOBS/E3 S2OO12L E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Isolated B48DC-HNOIS/E3 S2OO12L E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Looped B48DC-HNOLS/E3 S2OO12L E3, 2x24, 1 RU, Black, 12" Chassis, Half-Normal, Switched B48DC-HNOSS/E3 S2OO12L E-3, 2x24, 1.5 RU, Black, Mono Spacing, Over/Under Strips, Normals Out E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed B48DC-FNOBH/E3 M2OU7L E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated B48DC-FNOIH/E3 M2OU7L E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Looped B48DC-FNOLH/E3 M2OU7L E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Switched B48DC-FNOSH/E3 M2OU7L E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Bussed B48DC-HNOBH/E3 M2OU7L E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated B48DC-HNOIH/E3 M2OU7L E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped B48DC-HNOLH/E3 M2OU7L E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Switched B48DC-HNOSH/E3 M2OU7L E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed B48DC-FNOBH/E3 M2OU12L E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated B48DC-FNOIH/E3 M2OU12L E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped B48DC-FNOLH/E3 M2OU12L E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Switched B48DC-FNOSH/E3 M2OU12L E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed B48DC-HNOBH/E3 M2OU12L E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated B48DC-HNOIH/E3 M2OU12L E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped B48DC-HNOLH/E3 M2OU12L E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Switched B48DC-HNOSH/E3 M2OU12L E-3, 2x24, 1.5 RU, Black, Stereo Spacing, Over/Under Strips, Normals Out E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed B48DC-FNOBH/E3 S2OU7L

E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Bassed E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Looped E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Bussed E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Switched continued on next page B48DC-FNOBH/E3 S2OU7L B48DC-FNOIH/E3 S2OU7L B48DC-FNOLH/E3 S2OU7L B48DC-FNOSH/E3 S2OU7L B48DC-HNOBH/E3 S2OU7L B48DC-HNOIH/E3 S2OU7L B48DC-HNOLH/E3 S2OU7L B48DC-HNOSH/E3 S2OU7L **VIDEO MINI WECO**

VIDEO WECO



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E-3, 2x24, 1.5 RU, Black, Stereo Spacing, Over/Unde	er Strips, Normals Out
E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed	B48DC-FNOBH/E3 S2OU12L
E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated	B48DC-FNOIH/E3 S2OU12L
E3, 2224, 1.5 KO, Diack, 12 Chassis, Full-Normal, isolated	D40DC-FN0III/L5 520012L

E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Switched E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Switched B48DC-FNOBH/E3 S2OU12L B48DC-FNOIH/E3 S2OU12L B48DC-FNOLH/E3 S2OU12L B48DC-FNOSH/E3 S2OU12L B48DC-HNOBH/E3 S2OU12L B48DC-HNOIH/E3 S2OU12L B48DC-HNOLH/E3 S2OU12L B48DC-HNOSH/E3 S2OU12L

E-3, 2x24,	1.5 RU,	, Black,	Mono	Spacing,	Over/Over	Strips, Normals Out	
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E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Looped E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Switched E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Bussed E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Switched E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Switched E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Switched B48DC-FNOBH/E3 M2OO7L B48DC-FNOIH/E3 M2007L B48DC-FNOLH/E3 M2OO7L B48DC-FNOSH/E3 M2OO7L B48DC-HNOBH/E3 M2OO7L B48DC-HNOIH/E3 M2OO7L B48DC-HNOLH/E3 M2OO7L B48DC-HNOSH/E3 M2OO7L B48DC-FNOBH/E3 M2OO12L B48DC-FNOIH/E3 M2OO12L B48DC-FNOLH/E3 M2OO12L B48DC-FNOSH/E3 M2OO12L B48DC-HNOBH/E3 M2OO12L B48DC-HNOIH/E3 M2OO12L B48DC-HNOLH/E3 M2OO12L B48DC-HNOSH/E3 M2OO12L

E-3, 2x24, 1.5 RU, Black, Stereo Spacing, Over/Over Strips, Normals Out

E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Looped E3, 2x24, 1.5 RU, Black, 7" Chassis, Full-Normal, Switched E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Bussed E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped E3, 2x24, 1.5 RU, Black, 7" Chassis, Half-Normal, Switched E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped E3, 2x24, 1.5 RU, Black, 12" Chassis, Full-Normal, Switched E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x24, 1.5 RU, Black, 12" Chassis, Half-Normal, Switched B48DC-FNOBH/E3 S2OO7L B48DC-FNOIH/E3 S2OO7L B48DC-FNOLH/E3 S2OO7L B48DC-FNOSH/E3 S2OO7L B48DC-HNOBH/E3 S2OO7L B48DC-HNOIH/E3 S2OO7L B48DC-HNOLH/E3 S2OO7L B48DC-HNOSH/E3 S2OO7L B48DC-FNOBH/E3 S2OO12L B48DC-FNOIH/E3 S2OO12L B48DC-FNOLH/E3 S2OO12L B48DC-FNOSH/E3 S2OO12L B48DC-HNOBH/E3 S2OO12L B48DC-HNOIH/E3 S2OO12L B48DC-HNOLH/E3 S2OO12L B48DC-HNOSH/E3 S2OO12L

E-3, 2x24, 2 RU, Black, Mono Spacing, Over/Under Strips, Normals Out

E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Bussed E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Isolated E3. 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Looped E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Switched E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Bussed E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Isolated E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Looped E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Switched E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Bussed E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Isolated E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Looped E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Switched E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Bussed E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Switched

B48DC-FNOBT/E3 M2OU7L B48DC-FNOIT/E3 M2OU7L B48DC-FNOLT/E3 M2OU7L B48DC-FNOST/E3 M2OU7L B48DC-HNOBT/E3 M2OU7L B48DC-HNOIT/E3 M2OU7L B48DC-HNOLT/E3 M2OU7L B48DC-HNOST/E3 M2OU7L B48DC-FNOBT/E3 M2OU12L B48DC-FNOIT/E3 M2OU12L B48DC-FNOLT/E3 M2OU12L B48DC-FNOST/E3 M2OU12L B48DC-HNOBT/E3 M2OU12L B48DC-HNOIT/E3 M2OU12L B48DC-HNOLT/E3 M2OU12L B48DC-HNOST/E3 M2OU12L

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DESCRIPTION	PRODUCT NUMBER
E-3, 2x24, 2 RU, Black, Stereo Spacing, Over/Un	der Strips, Normals Out
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Bussed	B48DC-FNOBT/E3 S2OU7L
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Isolated	B48DC-FNOIT/E3 S2OU7L
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Looped	B48DC-FNOLT/E3 S2OU7L
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Switched	B48DC-FNOST/E3 S2OU7L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Bussed	B48DC-HNOBT/E3 S2OU7L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Isolated	B48DC-HNOIT/E3 S2OU7L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Looped	B48DC-HNOLT/E3 S2OU7L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Switched	B48DC-HNOST/E3 S2OU7L
E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Bussed	B48DC-FNOBT/E3 S2OU12L
E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Isolated	B48DC-FNOIT/E3 S2OU12L
E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Looped	B48DC-FNOLT/E3 S2OU12L
E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Switched	B48DC-FNOST/E3 S20U12L
E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Bussed	B48DC-HNOBT/E3 S2OU12L
E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Looped	B48DC-HNOIT/E3 S2OU12L
E3, 2x24, 2 RU, Black, 12 Chassis, Half-Normal, Looped E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Switched	B48DC-HNOLT/E3 S2OU12L B48DC-HNOST/E3 S2OU12L
25, 2X24, 2 KU, DIACK, 12 CHASSIS, Hall-NUTHIAI, SWITCHEU	646DC-HN031/E5 520012L
E-3, 2x24, 2 RU, Black, Mono Spacing, Over/Ove	
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Bussed	B48DC-FNOBT/E3 M2OO7L
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Isolated	B48DC-FNOIT/E3 M2OO7L
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Looped	B48DC-FNOLT/E3 M2OO7L
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Switched	B48DC-FNOST/E3 M2OO7L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Bussed	B48DC-HNOBT/E3 M2OO7L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Isolated	B48DC-HNOIT/E3 M2OO7L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Looped	B48DC-HNOLT/E3 M2OO7L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Switched	B48DC-HNOST/E3 M2OO7L
E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Bussed	B48DC-FNOBT/E3 M2OO12L
E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Isolated	B48DC-FNOIT/E3 M2OO12L
E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Looped	B48DC-FNOLT/E3 M2OO12L
E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Switched	B48DC-FNOST/E3 M20012L
E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Bussed	B48DC-HNOBT/E3 M20012L
E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Looped	B48DC-HNOIT/E3 M2OO12L B48DC-HNOLT/E3 M2OO12L
E3, 2x24, 2 RU, Black, 12 Chassis, Half-Normal, Euopeu E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Switched	B48DC-HNOST/E3 M20012L
E-3, 2x24, 2 RU, Black, Stereo Spacing, Over/Ov	
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Bussed	B48DC-FNOBT/E3 S2OO7L
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Isolated	B48DC-FNOIT/E3 S2007L
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Looped	B48DC-FNOLT/E3 S2007L
E3, 2x24, 2 RU, Black, 7" Chassis, Full-Normal, Switched	B48DC-FNOST/E3 S2007L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Bussed	B48DC-HNOBT/E3 S2007L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Isolated	B48DC-HNOIT/E3 S2007L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Looped	B48DC-HNOLT/E3 S2OO7L B48DC-HNOST/E3 S2OO7L
E3, 2x24, 2 RU, Black, 7" Chassis, Half-Normal, Switched	
E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Bussed E3, 2x24, 2 RU, Black, 12" Chassis, Full-Normal, Isolated	B48DC-FNOBT/E3 S2OO12L B48DC-FNOIT/E3 S2OO12L
E3, 2x24, 2 RU, Black, 12 Chassis, Full-Normal, Isolated	B48DC-FNOLT/E3 S20012L B48DC-FNOLT/E3 S20012L
E3, 2x24, 2 RU, Black, 12 Chassis, Full-Normal, E00ped	B48DC-FNOLT/E3 S20012L B48DC-FNOST/E3 S20012L
E3, 2x24, 2 RU, Black, 12 Chassis, Full-Normal, Switched	B48DC-HNOBT/E3 S20012L B48DC-HNOBT/E3 S20012L
E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Bussed	B48DC-HNOIT/E3 S20012L
E3, 2x24, 2 RU, Black, 12 Chassis, Half-Normal, Isolated	B48DC-HNOLT/E3 S20012L
E3, 2x24, 2 RU, Black, 12" Chassis, Half-Normal, Ecoped	B48DC-HNOST/E3 S20012L
	,
-3, 1x24, 1 RU, Gray, Mono Spacing	
E3, 1x24, 1 RU, Gray, 7" Chassis, Non-Normal, Bussed	G24DC-NNNBS/E3 M1007L
E3, 1x24, 1 RU, Gray, 7" Chassis, Non-Normal, Isolated	G24DC-NNNIS/E3 M1007L
E3, 1x24, 1 RU, Gray, 12" Chassis, Non-Normal, Bussed	G24DC-NNNBS/E3 M10012L
E3, 1x24, 1 RU, Gray, 12" Chassis, Non-Normal, Isolated	G24DC-NNNIS/E3 M10012L
E-3, 1x24, 1 RU, Gray, Stereo Spacing	
E3, 1x24, 1 RU, Gray, 7" Chassis, Non-Normal, Bussed	G24DC-NNNBS/E3 S1007L
E3, 1x24, 1 RU, Gray, 7" Chassis, Non-Normal, Isolated	G24DC-NNNIS/E3 S1007L
E3, 1x24, 1 RU, Gray, 12" Chassis, Non-Normal, Bussed	G24DC-NNNBS/E3 S10012L
E3, 1x24, 1 RU, Gray, 12" Chassis, Non-Normal, Isolated	G24DC-NNNIS/E3 S10012L

E3, 1x24, 1 RU, Gray, 12" Chassis, Non-Normal, Isolated

G24DC-NNNIS/E3 S10012L



DESCRIPTION	PRODUCT NUMBER
E-3, 2x24, 1 RU, Gray, Mono Spacing, Over/Unc	ler Strips
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Bussed	G48DC-FNLBS/E3 M2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Isolated	G48DC-FNLIS/E3 M2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Isolated	G48DC-FNLLS/E3 M2007L G48DC-FNLLS/E3 M20U7L
	G48DC-FNLSS/E3 M2007L G48DC-FNLSS/E3 M20U7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Switched	
3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Bussed	G48DC-HNLBS/E3 M2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Isolated	G48DC-HNLIS/E3 M2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Looped	G48DC-HNLLS/E3 M2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Switched	G48DC-HNLSS/E3 M2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Non-Normal, Bussed	G48DC-NNNBS/E3 M2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Non-Normal, Isolated	G48DC-NNNIS/E3 M2OU7L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Bussed	G48DC-FNLBS/E3 M2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Isolated	G48DC-FNLIS/E3 M2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Looped	G48DC-FNLLS/E3 M2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Switched	G48DC-FNLSS/E3 M2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Bussed	G48DC-HNLBS/E3 M2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Isolated	G48DC-HNLIS/E3 M2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Looped	G48DC-HNLLS/E3 M2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Switched	G48DC-HNLSS/E3 M2OU12L
E3, 2x24, 1 RU, Gray, 12 "Chassis, Han-Normal, Switched E3, 2x24, 1 RU, Gray, 12" Chassis, Non-Normal, Bussed	
	G48DC-NNNBS/E3 M2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Non-Normal, Isolated	G48DC-NNNIS/E3 M2OU12L
E-3, 2x24, 1 RU, Gray, Stereo Spacing, Over/Un	der Strips
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Bussed	G48DC-FNLBS/E3 S2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Isolated	G48DC-FNLIS/E3 S2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Looped	G48DC-FNLLS/E3 S2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Switched	G48DC-FNLSS/E3 S2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Bussed	G48DC-HNLBS/E3 S2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Isolated	G48DC-HNLIS/E3 S2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Looped	G48DC-HNLLS/E3 S2007E G48DC-HNLLS/E3 S20U7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Switched	G48DC-HNLSS/E3 S2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Non-Normal, Bussed	G48DC-NNNBS/E3 S2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Non-Normal, Isolated	G48DC-NNNIS/E3 S2OU7L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Bussed	G48DC-FNLBS/E3 S2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Isolated	G48DC-FNLIS/E3 S2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Looped	G48DC-FNLLS/E3 S2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Switched	G48DC-FNLSS/E3 S2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Bussed	G48DC-HNLBS/E3 S2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Isolated	G48DC-HNLIS/E3 S2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Looped	G48DC-HNLLS/E3 S2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Switched	G48DC-HNLSS/E3 S2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Non-Normal, Bussed	G48DC-NNNBS/E3 S2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Non-Normal, Isolated	G48DC-NNNIS/E3 S2OU12L
E-3, 2x24, 1 RU, Gray, Mono Spacing, Over/Ove	
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Bussed	G48DC-FNLBS/E3 M2OO7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Isolated	G48DC-FNLIS/E3 M2007L
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Looped	G48DC-FNLLS/E3 M2OO7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Switched	G48DC-FNLSS/E3 M2OO7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Bussed	G48DC-HNLBS/E3 M2OO7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Isolated	G48DC-HNLIS/E3 M2OO7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Looped	G48DC-HNLLS/E3 M2OO7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Switched	G48DC-HNLSS/E3 M2OO7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Non-Normal, Bussed	G48DC-NNNBS/E3 M2OO7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Non-Normal, Isolated	G48DC-NNNIS/E3 M2OO7L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Bussed	G48DC-FNLBS/E3 M2OO12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Isolated	G48DC-FNLIS/E3 M20012L
	G48DC-FNLLS/E3 M20012L G48DC-FNLLS/E3 M20012L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Looped	
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Switched	G48DC-FNLSS/E3 M20012L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Bussed	G48DC-HNLBS/E3 M2OO12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Isolated	G48DC-HNLIS/E3 M2OO12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Looped	G48DC-HNLLS/E3 M2OO12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Switched	G48DC-HNLSS/E3 M2OO12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Non-Normal, Bussed	G48DC-NNNBS/E3 M2OO12L
E3, 2x24, 1 RU, Grav. 12" Chassis, Non-Normal, Isolated	G48DC-NNNIS/E3 M2OO12L

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G48DC-NNNIS/E3 M2OO12L

E3, 2x24, 1 RU, Gray, 12" Chassis, Non-Normal, Isolated



VIDEO MINI WECO

VIDEO WECO

DESCRIPTION	
DESCRIPTION	PRODUCT NUMBER
E-3, 2x24, 1 RU, Gray, Stereo Spacing, Over/Over St	rips
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Bussed	G48DC-FNLBS/E3 S2OO7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Isolated	G48DC-FNLIS/E3 S2OO7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Looped	G48DC-FNLLS/E3 S2OO7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Switched	G48DC-FNLSS/E3 S2OO7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Bussed	G48DC-HNLBS/E3 S2OO7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Isolated	G48DC-HNLIS/E3 S2OO7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Looped	G48DC-HNLLS/E3 S2OO7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Switched	G48DC-HNLSS/E3 S2OO7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Non-Normal, Bussed	G48DC-NNNBS/E3 S2OO7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Non-Normal, Isolated	G48DC-NNNIS/E3 S2OO7L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Bussed	G48DC-FNLBS/E3 S2OO12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Isolated	G48DC-FNLIS/E3 S20012L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Looped	G48DC-FNLLS/E3 S20012L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Switched E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Bussed	G48DC-FNLSS/E3 S2OO12L G48DC-HNLBS/E3 S2OO12L
E3, 2x24, 1 RU, Gray, 12 Chassis, Half-Normal, Bussed	G48DC-HNLIS/E3 S20012L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Looped	G48DC-HNLLS/E3 S20012L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Switched	G48DC-HNLSS/E3 S2OO12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Non-Normal, Bussed	G48DC-NNNBS/E3 S20012L
E3, 2x24, 1 RU, Gray, 12" Chassis, Non-Normal, Isolated	G48DC-NNNIS/E3 S2OO12L
	,
E-3, 2x24, 1.5 RU, Gray, Mono Spacing, Over/Under	Strips
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Bussed	G48DC-FNLBH/E3 M2OU7L
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Isolated	G48DC-FNLIH/E3 M2OU7L
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Looped	G48DC-FNLLH/E3 M2OU7L
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Switched	G48DC-FNLSH/E3 M2OU7L
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Bussed	G48DC-HNLBH/E3 M2OU7L
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Isolated	G48DC-HNLIH/E3 M2OU7L
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Looped	G48DC-HNLLH/E3 M2OU7L
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Switched	G48DC-HNLSH/E3 M2OU7L
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Non-Normal, Bussed	G48DC-NNNBH/E3 M2OU7L
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Non-Normal, Isolated	G48DC-NNNIH/E3 M2OU7L
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Bussed E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Isolated	G48DC-FNLBH/E3 M2OU12L G48DC-FNLIH/E3 M2OU12L
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Looped	G48DC-FNLLH/E3 M20012L
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Switched	G48DC-FNLSH/E3 M2OU12L
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full Normal, Bussed	G48DC-HNLBH/E3 M2OU12L
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Isolated	G48DC-HNLIH/E3 M2OU12L
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Looped	G48DC-HNLLH/E3 M2OU12L
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Switched	G48DC-HNLSH/E3 M2OU12L
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Non-Normal, Bussed	G48DC-NNNBH/E3 M2OU12L
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Non-Normal, Isolated	G48DC-NNNIH/E3 M2OU12L
E-3, 2x24, 1.5 RU, Gray, Stereo Spacing, Over/Under	
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Bussed	G48DC-FNLBH/E3 S2OU7L
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Isolated	G48DC-FNLIH/E3 S2OU7L
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Looped	G48DC-FNLLH/E3 S2OU7L
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Switched	G48DC-FNLSH/E3 S2OU7L
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Bussed	G48DC-HNLBH/E3 S2OU7L
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Isolated	G48DC-HNLIH/E3 S2OU7L
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Looped E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Switched	G48DC-HNLLH/E3 S2OU7L G48DC-HNLSH/E3 S2OU7L
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Inal-Normal, Switched E3, 2x24, 1.5 RU, Gray, 7" Chassis, Non-Normal, Bussed	G48DC-NNNBH/E3 S2OU7L
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Non-Normal, Isolated	G48DC-NNNIH/E3 S2OU7L
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Bussed	G48DC-FNLBH/E3 S2OU12L
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Isolated	G48DC-FNLIH/E3 S2OU12L
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Looped	G48DC-FNLLH/E3 S2OU12L
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Switched	G48DC-FNLSH/E3 S2OU12L
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Bussed	G48DC-HNLBH/E3 S2OU12L
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Isolated	G48DC-HNLIH/E3 S2OU12L
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Looped	G48DC-HNLLH/E3 S2OU12L
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Switched	G48DC-HNLSH/E3 S2OU12L
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Non-Normal, Bussed	G48DC-NNNBH/E3 S2OU12L
E3, 2x24, 1.5 RU, Grav. 12" Chassis, Non-Normal, Isolated	G48DC-NNNIH/E3 S2OU12L

E3, 2x24, 1.5 RU, Gray, 12" Chassis, Non-Normal, Isolated

G48DC-NNNIH/E3 S2OU12L



E-3, 2x24, 1.5 RU, Gray, Mono Spacing, Over/Over Strips

E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Bussed
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Isolated
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Looped
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Switched
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Bussed
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Isolated
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Looped
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Switched
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Non-Normal, Bussed
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Non-Normal, Isolated
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Bussed
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Isolated
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Looped
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Switched
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Bussed
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Isolated
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Looped
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Switched
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Non-Normal, Bussed
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Non-Normal, Isolated

G48DC-FNLBH/E3 M2OO7L G48DC-FNLIH/E3 M2OO7L G48DC-FNLLH/E3 M2OO7L G48DC-FNLSH/E3 M2OO7L G48DC-HNLBH/E3 M2OO7L G48DC-HNLIH/E3 M2OO7L G48DC-HNLLH/E3 M2OO7L G48DC-HNLSH/E3 M2OO7L G48DC-NNNBH/E3 M2OO7L G48DC-NNNIH/E3 M2OO7L G48DC-FNLBH/E3 M2OO12L G48DC-FNLIH/E3 M2OO12L G48DC-FNLLH/E3 M2OO12L G48DC-FNLSH/E3 M2OO12L G48DC-HNLBH/E3 M2OO12L G48DC-HNLIH/E3 M2OO12L G48DC-HNLLH/E3 M2OO12L G48DC-HNLSH/E3 M2OO12L G48DC-NNNBH/E3 M2OO12L G48DC-NNNIH/E3 M2OO12L

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E-3, 2x24, 1.5 RU, Gray, Stereo Spacing, Over/Over Strips

E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Bussed
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Isolated
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Looped
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Switched
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Bussed
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Isolated
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Looped
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Switched
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Non-Normal, Bussed
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Non-Normal, Isolated
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Bussed
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Isolated
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Looped
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Switched
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Bussed
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Isolated
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Looped
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Switched
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Non-Normal, Bussed
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Non-Normal, Isolated

G48DC-FNLBH/E3 S2OO7L G48DC-FNLIH/E3 S2OO7L G48DC-FNLLH/E3 S2OO7L G48DC-FNLSH/E3 S2OO7L G48DC-HNLBH/E3 S2OO7L G48DC-HNLIH/E3 S2OO7L G48DC-HNLLH/E3 S2OO7L G48DC-HNLSH/E3 S2OO7L G48DC-NNNBH/E3 S2OO7L G48DC-NNNIH/E3 S2OO7L G48DC-FNLBH/E3 S2OO12L G48DC-FNLIH/E3 S2OO12L G48DC-FNLLH/E3 S2OO12L G48DC-FNLSH/E3 S2OO12L G48DC-HNLBH/E3 S2OO12L G48DC-HNLIH/E3 S2OO12L G48DC-HNLLH/E3 S2OO12L G48DC-HNLSH/E3 S2OO12L G48DC-NNNBH/E3 S2OO12L G48DC-NNNIH/E3 S2OO12L

E-3, 2x24, 2 RU, Gray, Mono Spacing, Over/Under Strips

E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Bussed E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Isolated E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Looped E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Switched E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Bussed E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Isolated E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Looped E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Switched E3, 2x24, 2 RU, Gray, 7" Chassis, Non-Normal, Bussed E3, 2x24, 2 RU, Gray, 7" Chassis, Non-Normal, Isolated E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Bussed E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Isolated E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Looped E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Switched E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Bussed E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Isolated E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Looped E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Switched E3, 2x24, 2 RU, Gray, 12" Chassis, Non-Normal, Bussed E3, 2x24, 2 RU, Gray, 12" Chassis, Non-Normal, Isolated

G48DC-FNLBT/E3 M2OU7L G48DC-FNLIT/E3 M2OU7L G48DC-FNLLT/E3 M2OU7L G48DC-FNLST/E3 M2OU7L G48DC-HNLBT/E3 M2OU7L G48DC-HNLIT/E3 M2OU7L G48DC-HNLLT/E3 M2OU7L G48DC-HNLST/E3 M2OU7L G48DC-NNNBT/E3 M2OU7L G48DC-NNNIT/E3 M2OU7L G48DC-FNLBT/E3 M2OU12L G48DC-FNLIT/E3 M2OU12L G48DC-FNLLT/E3 M2OU12L G48DC-FNLST/E3 M2OU12L G48DC-HNLBT/E3 M2OU12L G48DC-HNLIT/E3 M2OU12L G48DC-HNLLT/E3 M2OU12L G48DC-HNLST/E3 M2OU12L G48DC-NNNBT/E3 M2OU12L G48DC-NNNIT/E3 M2OU12L

VIDEO WECO

ACCESSORIES

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VIDEO MINI WECO

DESCRIPTION	PRODUCT NUMBER
E 2 2x24 2 BU Gray Stored Spacing Over/Under	String
E-3, 2x24, 2 RU, Gray, Stereo Spacing, Over/Under E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Bussed	G48DC-FNLBT/E3 S2OU7L
E3, 2x24, 2 RU, Gray, 7 Chassis, Full-Normal, Bussed	G48DC-FNLIT/E3 S2007L G48DC-FNLIT/E3 S20U7L
E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Looped	G48DC-FNLLT/E3 S2OU7L
E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Switched	G48DC-FNLST/E3 S2OU7L
E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Bussed	G48DC-HNLBT/E3 S2OU7L
E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Isolated	G48DC-HNLIT/E3 S2OU7L
E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Looped	G48DC-HNLLT/E3 S2OU7L
E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Switched	G48DC-HNLST/E3 S2OU7L
E3, 2x24, 2 RU, Gray, 7" Chassis, Non-Normal, Bussed	G48DC-NNNBT/E3 S2OU7L
E3, 2x24, 2 RU, Gray, 7" Chassis, Non-Normal, Isolated	G48DC-NNNIT/E3 S2OU7L
E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Bussed E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Isolated	G48DC-FNLBT/E3 S2OU12L G48DC-FNLIT/E3 S2OU12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Isolated	G48DC-FNLIT/E3 S20012L G48DC-FNLLT/E3 S20U12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Switched	G48DC-FNLST/E3 S2OU12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Bussed	G48DC-HNLBT/E3 S2OU12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Isolated	G48DC-HNLIT/E3 S2OU12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Looped	G48DC-HNLLT/E3 S2OU12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Switched	G48DC-HNLST/E3 S2OU12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Non-Normal, Bussed	G48DC-NNNBT/E3 S2OU12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Non-Normal, Isolated	G48DC-NNNIT/E3 S2OU12L
E-3, 2x24, 2 RU, Gray, Mono Spacing, Over/Over St	trips
E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Bussed	G48DC-FNLBT/E3 M2OO7L
E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Isolated	G48DC-FNLIT/E3 M2007L
E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Looped	G48DC-FNLLT/E3 M2OO7L
E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Switched	G48DC-FNLST/E3 M2OO7L
E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Bussed	G48DC-HNLBT/E3 M2OO7L
E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Isolated	G48DC-HNLIT/E3 M2OO7L
E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Looped	G48DC-HNLLT/E3 M2OO7L
E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Switched	G48DC-HNLST/E3 M2007L
E3, 2x24, 2 RU, Gray, 7" Chassis, Non-Normal, Bussed	G48DC-NNNBT/E3 M2007L
E3, 2x24, 2 RU, Gray, 7" Chassis, Non-Normal, Isolated E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Bussed	G48DC-NNNIT/E3 M2OO7L G48DC-FNLBT/E3 M2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Isolated	G48DC-FNLIT/E3 M20012L
E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Looped	G48DC-FNLLT/E3 M2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Switched	G48DC-FNLST/E3 M2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Bussed	G48DC-HNLBT/E3 M2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Isolated	G48DC-HNLIT/E3 M2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Looped	G48DC-HNLLT/E3 M2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Switched	G48DC-HNLST/E3 M2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Non-Normal, Bussed	G48DC-NNNBT/E3 M2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Non-Normal, Isolated	G48DC-NNNIT/E3 M2OO12L
E-3, 2x24, 2 RU, Gray, Stereo Spacing, Over/Over S	trips
E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Bussed	G48DC-FNLBT/E3 S2OO7L
E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Isolated	G48DC-FNLIT/E3 S2OO7L
E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Looped	G48DC-FNLLT/E3 S2OO7L
E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Switched	G48DC-FNLST/E3 S2OO7L
E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Bussed	G48DC-HNLBT/E3 S2007L
E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Isolated E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Looped	G48DC-HNLIT/E3 S2OO7L G48DC-HNLLT/E3 S2OO7L
E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Eboped	G48DC-HNLST/E3 S2007L
E3, 2x24, 2 RU, Gray, 7" Chassis, Non-Normal, Bussed	G48DC-NNNBT/E3 S2007L
E3, 2x24, 2 RU, Gray, 7" Chassis, Non-Normal, Isolated	G48DC-NNNIT/E3 S2OO7L
E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Bussed	G48DC-FNLBT/E3 S2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Isolated	G48DC-FNLIT/E3 S2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Looped	G48DC-FNLLT/E3 S2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Switched	G48DC-FNLST/E3 S2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Bussed	G48DC-HNLBT/E3 S2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Isolated	G48DC-HNLIT/E3 S20012L
E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Looped E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Switched	G48DC-HNLLT/E3 S2OO12L G48DC-HNLST/E3 S2OO12L
E3, 2x24, 2 RU, Gray, 12 Chassis, Half-Normal, Switched	G48DC-NNNBT/E3 S20012L G48DC-NNNBT/E3 S20012L
E3, 2x24, 2 RU, Gray, 12" Chassis, Non-Normal, Bussed	G48DC-NNNIT/E3 S20012L
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PRODUCT NUMBER

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E 2 2x24 1 PU Crey Mana Specier Over/Unde	r String Normals Out
E-3, 2x24, 1 RU, Gray, Mono Spacing, Over/Unde	
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Bussed	G48DC-FNOBS/E3 M2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Isolated	G48DC-FNOIS/E3 M2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Looped	G48DC-FNOLS/E3 M2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Switched	G48DC-FNOSS/E3 M2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Bussed	G48DC-HNOBS/E3 M2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Isolated	G48DC-HNOIS/E3 M2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Looped	G48DC-HNOLS/E3 M2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Switched	G48DC-HNOSS/E3 M2OU7L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Bussed	G48DC-FNOBS/E3 M2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Isolated	G48DC-FNOIS/E3 M2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Looped	G48DC-FNOLS/E3 M2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Switched	G48DC-FNOSS/E3 M2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Bussed	G48DC-HNOBS/E3 M2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Isolated	G48DC-HNOIS/E3 M2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Looped	G48DC-HNOLS/E3 M2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Switched	G48DC-HNOSS/E3 M2OU12L
E-3, 2x24, 1 RU, Gray, Stereo Spacing, Over/Unde	er Strips, Normals Out
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Bussed	G48DC-FNOBS/E3 S2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Isolated	G48DC-FNOIS/E3 S2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Looped	G48DC-FNOLS/E3 S2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Switched	G48DC-FNOSS/E3 S2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Bussed	G48DC-HNOBS/E3 S2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Isolated	G48DC-HNOIS/E3 S2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Looped	G48DC-HNOLS/E3 S2OU7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Switched	G48DC-HNOSS/E3 S2OU7L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Bussed	G48DC-FNOBS/E3 S2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Isolated	G48DC-FNOIS/E3 S2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Looped	G48DC-FNOLS/E3 S2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Switched	G48DC-FNOSS/E3 S2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Bussed	G48DC-HNOBS/E3 S2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Isolated	G48DC-HNOIS/E3 S2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Looped	G48DC-HNOLS/E3 S2OU12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Switched	G48DC-HNOSS/E3 S2OU12L
E-3, 2x24, 1 RU, Gray, Mono Spacing, Over/Over	Strips Normals Out
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Bussed	G48DC-FNOBS/E3 M2OO7L
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Isolated	G48DC-FNOIS/E3 M2007L
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Looped	G48DC-FNOLS/E3 M2007L
E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Switched	G48DC-FNOSS/E3 M2007L
E3, 2x24, 1 RU, Gray, 7" Chassis, Full Normal, Bussed	G48DC-HNOBS/E3 M2007L
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Bussed	G48DC-HNOIS/E3 M2007L
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Isolated	G48DC-HNOLS/E3 M2007L G48DC-HNOLS/E3 M2007L
E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Switched	G48DC-HNOSS/E3 M2007L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Bussed	G48DC-FNOBS/E3 M2007E G48DC-FNOBS/E3 M20012L
E3, 2x24, 1 RU, Gray, 12 "Chassis, Full-Normal, Busseu E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Isolated	G48DC-FNOIS/E3 M20012L G48DC-FNOIS/E3 M20012L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Isolated	G48DC-FNOLS/E3 M20012L G48DC-FNOLS/E3 M20012L
E3, 2x24, 1 RU, Gray, 12 "Chassis, Full-Normal, Euopeu" E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Switched	G48DC-FNOES/E3 M20012L G48DC-FNOSS/E3 M20012L
E3, 2x24, 1 RU, Gray, 12 "Chassis, Full-Normal, Bussed	G48DC-HNOBS/E3 M20012L
E3, 2x24, 1 RU, Gray, 12 "Chassis, Half-Normal, Bussed E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Isolated	G48DC-HNOIS/E3 M20012L G48DC-HNOIS/E3 M20012L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Looped	G48DC-HNOLS/E3 M20012L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Ecoped	G48DC-HNOSS/E3 M20012L G48DC-HNOSS/E3 M20012L
Lo, ZAZT, I NO, GIAY, IZ CHASSIS, HAIFINUHHAI, SWITCHEU	G40DC-1110033/E3 10120012L

E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Bussed

E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Isolated E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Looped E3, 2x24, 1 RU, Gray, 7" Chassis, Full-Normal, Switched E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Bussed E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Isolated E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Looped E3, 2x24, 1 RU, Gray, 7" Chassis, Half-Normal, Switched continued on next page

E-3, 2x24, 1 RU, Gray, Stereo Spacing, Over/Over Strips, Normals Out G48DC-FNOBS/E3 S2OO7L G48DC-FNOIS/E3 S2OO7L G48DC-FNOLS/E3 S2OO7L G48DC-FNOSS/E3 S2OO7L G48DC-HNOBS/E3 S2OO7L G48DC-HNOIS/E3 S2OO7L G48DC-HNOLS/E3 S2OO7L G48DC-HNOSS/E3 S2OO7L

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E 2 2x24 1 BU Gray Stores Spacing Over/Over St	tring Normals Out
E-3, 2x24, 1 RU, Gray, Stereo Spacing, Over/Over St	
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Bussed	G48DC-FNOBS/E3 S2OO12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Isolated	G48DC-FNOIS/E3 S20012L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Looped	G48DC-FNOLS/E3 S2OO12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Full-Normal, Switched	G48DC-FNOSS/E3 S2OO12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Bussed	G48DC-HNOBS/E3 S2OO12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Isolated	G48DC-HNOIS/E3 S2OO12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Looped	G48DC-HNOLS/E3 S2OO12L
E3, 2x24, 1 RU, Gray, 12" Chassis, Half-Normal, Switched	G48DC-HNOSS/E3 S2OO12L
E-3, 2x24, 1.5 RU, Gray, Mono Spacing, Over/Under	String Normals Out
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Bussed	G48DC-FNOBH/E3 M2OU7L
	,
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Isolated	G48DC-FNOIH/E3 M2OU7L
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Looped	G48DC-FNOLH/E3 M2OU7L
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Switched	G48DC-FNOSH/E3 M2OU7L
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Bussed	G48DC-HNOBH/E3 M2OU7L
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Isolated	G48DC-HNOIH/E3 M2OU7L
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Looped	G48DC-HNOLH/E3 M2OU7L
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Switched	G48DC-HNOSH/E3 M2OU7L
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Bussed	G48DC-FNOBH/E3 M2OU12L
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Isolated	G48DC-FNOIH/E3 M2OU12L
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Looped	G48DC-FNOLH/E3 M2OU12L
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Switched	G48DC-FNOSH/E3 M2OU12L
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Bussed	G48DC-HNOBH/E3 M2OU12L
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Isolated	G48DC-HNOIH/E3 M2OU12L
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Looped	G48DC-HNOLH/E3 M2OU12L
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Switched	G48DC-HNOSH/E3 M2OU12L
E 2 2x24 1 E BU Crev Stores Specing Over/Unde	r String Normals Out
E-3, 2x24, 1.5 RU, Gray, Stereo Spacing, Over/Unde	
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Bussed	G48DC-FNOBH/E3 S2OU7L
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Isolated	G48DC-FNOIH/E3 S2OU7L

E E3 E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Looped E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Switched E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Bussed E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Isolated E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Looped E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Switched E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Bussed E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Isolated E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Looped E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Switched E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Bussed E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Isolated E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Looped E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Switched

ormals Out BH/E3 S2OU7L IH/E3 S2OU7L G48DC-FNOLH/E3 S2OU7L G48DC-FNOSH/E3 S2OU7L G48DC-HNOBH/E3 S2OU7L G48DC-HNOIH/E3 S2OU7L G48DC-HNOLH/E3 S2OU7L G48DC-HNOSH/E3 S2OU7L G48DC-FNOBH/E3 S2OU12L G48DC-FNOIH/E3 S2OU12L G48DC-FNOLH/E3 S2OU12L G48DC-FNOSH/E3 S2OU12L G48DC-HNOBH/E3 S2OU12L G48DC-HNOIH/E3 S2OU12L G48DC-HNOLH/E3 S2OU12L G48DC-HNOSH/E3 S2OU12L

PRODUCT NUMBER

E-3, 2x24, 1.5 RU, Gray, Mono Spacing, Over/Over Strips, Normals Out

E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Bussed E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Isolated E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Looped E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Switched E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Bussed E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Isolated E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Looped E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Switched E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Bussed E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Isolated E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Looped E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Switched E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Bussed E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Isolated E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Looped E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Switched G48DC-FNOBH/E3 M2OO7L G48DC-FNOIH/E3 M2OO7L G48DC-FNOLH/E3 M2OO7L G48DC-FNOSH/E3 M2OO7L G48DC-HNOBH/E3 M2OO7L G48DC-HNOIH/E3 M2OO7L G48DC-HNOLH/E3 M2OO7L G48DC-HNOSH/E3 M2OO7L G48DC-FNOBH/E3 M2OO12L G48DC-FNOIH/E3 M2OO12L G48DC-FNOLH/E3 M2OO12L G48DC-FNOSH/E3 M2OO12L G48DC-HNOBH/E3 M2OO12L G48DC-HNOIH/E3 M2OO12L G48DC-HNOLH/E3 M2OO12L G48DC-HNOSH/E3 M2OO12L

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E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Looped
E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Switched
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Bussed
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Isolated
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Looped
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Full-Normal, Switched
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Bussed
E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Isolated

Half-Normal, Isolated E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Looped E3, 2x24, 1.5 RU, Gray, 12" Chassis, Half-Normal, Switched

E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Bussed

E3, 2x24, 1.5 RU, Grav, 7" Chassis, Full-Normal, Isolated

E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Looped

E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Bussed

E3, 2x24, 1.5 RU, Gray, 7" Chassis, Half-Normal, Isolated

E3, 2x24, 1.5 RU, Gray, 7" Chassis, Full-Normal, Switched

E-3, 2x24, 2 RU, Gray, Mono Spacing, Over/Under Strips, Normals Out

E-3, 2x24, 1.5 RU, Gray, Stereo Spacing, Over/Over Strips, Normals Out

E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Bussed E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Isolated E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Looped E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Switched E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Bussed E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Isolated E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Looped E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Switched E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Bussed E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Isolated E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Looped E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Switched E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Bussed E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Isolated E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Looped E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Switched

E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Bussed

E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Isolated

E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Looped

E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Bussed

E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Isolated E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Looped

E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Switched

E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Bussed

E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Isolated

E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Looped

E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Bussed

E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Isolated

E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Looped

E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Switched

E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Switched

E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Switched

G48DC-FNOBT/E3 M2OU7L G48DC-FNOIT/E3 M2OU7L G48DC-FNOLT/E3 M2OU7L G48DC-FNOST/E3 M2OU7L G48DC-HNOBT/E3 M2OU7L G48DC-HNOIT/E3 M2OU7L G48DC-HNOLT/E3 M2OU7L G48DC-HNOST/E3 M2OU7L G48DC-FNOBT/E3 M2OU12L G48DC-FNOIT/E3 M2OU12L G48DC-FNOLT/E3 M2OU12L G48DC-FNOST/E3 M2OU12L G48DC-HNOBT/E3 M2OU12L G48DC-HNOIT/E3 M2OU12L G48DC-HNOLT/E3 M2OU12L G48DC-HNOST/E3 M2OU12L

PRODUCT NUMBER

G48DC-FNOBH/E3 S2OO7L

G48DC-FNOIH/E3 S2OO7L

G48DC-FNOLH/E3 S2OO7L

G48DC-FNOSH/E3 S2OO7L

G48DC-HNOBH/E3 S2OO7L

G48DC-HNOIH/E3 S2OO7L

G48DC-HNOLH/E3 S2OO7L

G48DC-HNOSH/E3 S2OO7L

G48DC-FNOBH/E3 S2OO12L

G48DC-FNOIH/E3 S2OO12L

G48DC-FNOLH/E3 S2OO12L

G48DC-FNOSH/E3 S2OO12L

G48DC-HNOBH/E3 S2OO12L

G48DC-HNOIH/E3 S2OO12L

G48DC-HNOLH/E3 S2OO12L

G48DC-HNOSH/E3 S2OO12L

E-3, 2x24, 2 RU, Gray, Stereo Spacing, Over/Under Strips, Normals Out G48DC-FNOBT/E3 S2OU7L G48DC-FNOIT/E3 S2OU7L G48DC-FNOLT/E3 S2OU7L G48DC-FNOST/E3 S2OU7L G48DC-HNOBT/E3 S2OU7L G48DC-HNOIT/E3 S2OU7L G48DC-HNOLT/E3 S2OU7L G48DC-HNOST/E3 S2OU7L G48DC-FNOBT/E3 S2OU12L G48DC-FNOIT/E3 S2OU12L G48DC-FNOLT/E3 S2OU12L G48DC-FNOST/E3 S2OU12L G48DC-HNOBT/E3 S2OU12L G48DC-HNOIT/E3 S2OU12L G48DC-HNOLT/E3 S2OU12L G48DC-HNOST/E3 S2OU12L

E-3, 2x24, 2 RU, Gray, Mono Spacing, Over/Over Strips, Normals Out

E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Bussed E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Isolated E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Looped E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Switched E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Bussed E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Isolated E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Looped E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Switched continued on next page

G48DC-FNOBT/E3 M2OO7L G48DC-FNOIT/E3 M2OO7L G48DC-FNOLT/E3 M2OO7L G48DC-FNOST/E3 M2OO7L G48DC-HNOBT/E3 M2OO7L G48DC-HNOIT/E3 M2OO7L G48DC-HNOLT/E3 M2OO7L G48DC-HNOST/E3 M2OO7L



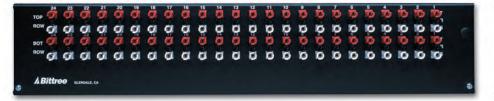
PRODUCT NUMBER

DESCRIPTION

E-3, 2x24, 2 RU, Gray, Mono Spacing, Over/Over Str	ips, Normals Out
E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Bussed	G48DC-FNOBT/E3 M2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Isolated	G48DC-FNOIT/E3 M2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Looped	G48DC-FNOLT/E3 M2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Switched	G48DC-FNOST/E3 M2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Bussed	G48DC-HNOBT/E3 M2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Isolated	G48DC-HNOIT/E3 M2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Looped	G48DC-HNOLT/E3 M2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Switched	G48DC-HNOST/E3 M2OO12L
E-3, 2x24, 2 RU, Gray, Stereo Spacing, Over/Over St	rips, Normals Out
E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Bussed	G48DC-FNOBT/E3 S2OO7L
E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Isolated	G48DC-FNOIT/E3 S2OO7L
E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Looped	G48DC-FNOLT/E3 S2OO7L
E3, 2x24, 2 RU, Gray, 7" Chassis, Full-Normal, Switched	G48DC-FNOST/E3 S2OO7L
E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Bussed	G48DC-HNOBT/E3 S2OO7L
E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Isolated	G48DC-HNOIT/E3 S2OO7L
E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Looped	G48DC-HNOLT/E3 S2OO7L
E3, 2x24, 2 RU, Gray, 7" Chassis, Half-Normal, Switched	G48DC-HNOST/E3 S2OO7L
E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Bussed	G48DC-FNOBT/E3 S2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Isolated	G48DC-FNOIT/E3 S2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Looped	G48DC-FNOLT/E3 S2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Full-Normal, Switched	G48DC-FNOST/E3 S2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Bussed	G48DC-HNOBT/E3 S2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Isolated	G48DC-HNOIT/E3 S2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Looped	G48DC-HNOLT/E3 S2OO12L
E3, 2x24, 2 RU, Gray, 12" Chassis, Half-Normal, Switched	G48DC-HNOST/E3 S2OO12L

REAR INTERFACE OPTIONS

The 481 Series comes with six rear interface options – E-3, E-56, E-90, ID (punchdown), D25 and Centronics 50-pin. Full views of E3, E90 and ID (punchdown) rear interfaces can be seen throughout this catalog; full views of the E-56, D25 and Centronics 50-Pin rear interfaces can be seen at Bittree.com.





RS-422 PROG.





Our easy-to-use Ordering Codes let you order the exact patching system you need. As shown in the chart below, simply choose the option you want for each specification.

B 48 D C – FN L	T /E3 M 20U 12 L Jack Type L = Long Frame (1/4") Depth 12 = 12" Deep Chassis 7 = 7" Deep Chassis 48 = 48" Long Harness Designation Strips 20U = 2 Designation Strips Over/Under 200 = 2 Designation Strips Over/Over Spacing M = Mono Spacing S = Stereo Spacing B = Bussed S = Stereo Spacing B = Bussed I = Isolated L = Looped S = Switched Normaling N = No Normaling FN = Full-Normal NN = Non-Normal NN = Non-Normal

Mating connectors, contacts and normals (where applicable) are included with standard rear interface audio patchbays. Lacing bars are included with all audio patchbays.

Normals out patchbays bring the normals to the rear interface so that if desired the user may de-normal a circuit by removing a jumper. The 3-pin rear interface always brings the shield to the rear interface. To loop the ground use a threewire jumper (Normal 3-E); to isolate the ground use a two-wire jumper (Normal 2-E). Note: E90 normals out models do not bring the ground to the normals out connector.

VIDEO WECO





- Classic, Non-Programmable Audio Long-Frame (1/4") Patchbay
- Available with more options than any audio patchbay, including rear interface, normaling, grounding, jack spacing, panel color, chassis depth and rack-unit height
- Spacious 2 x 26 jack configuration; 1, 1.5 or 2 RU size
- Rear interface options include E-3, E-56, E-90, ID (punchdown) and D25

Our 521 Series features our classic, non-programmable audio patchbays. With a jack configuration of 2 x 26, the 521 Series comes with the most options of any audio patchbay, including rear interface, normaling, grounding, jack spacing, panel color, chassis depth and rack-unit height.

All Bittree audio patchbays bring you enhanced studio versatility and instant signal re-routing, and are perfect for master control and central switching I/O, audio console I/O, recording device I/O, and audio routing switcher bypass and input rerouting.

Our audio patchbays are built to AES/EBU specifications, and are internally wired with low-capacitance, shielded, 110-ohm twisted pairs. The low-capacitance characteristics make them ideal for both digital as well as analog applications.

- Available in 1, 1.5 or 2 rack units (RU), in fully enclosed 7" or 12" deep chassis
- Normals can be set to full-normal, half-normal or non-normal; Grounding can be set to switched, bussed, isolated or looped
- Normals can be looped internally or brought out to the rear interface
- Rear interface options include E-3, E-56, E-90, ID (Punchdown), D25 and Centronics 50-pin
- Gold-plated contacts used in E3 and E90 rear interface
- Jacks rated to 30,000 minimum insertion cycles

- Precision-stamped reinforced steel jack frame
- Copper-nickel-silver alloy leaf springs with goldplated cross bar switching contacts and nickelplated sleeve bushings
- Wired with low-capacitance, AES/EBU-rated shielded, twisted pair
- Panels made from 3/16" solid aluminum with a durable powder-coat finish
- Large user-friendly designation strips
- Mating connectors, contacts and normals (where applicable) are included with all standard rear interfaces

RS-422 PROG.



Think of our 521 Series of Audio Patchbays as our "Custom" series – without the cost and delays of a typical custom patchbay. This series allows you to build virtually any patchbay in virtually any configuration. On the following pages are just some of the configurations available. Only E-3 rear interfaces are listed here, but we also offer E-56, E-90, ID (punchdown) and D25 rear interfaces. If you don't see what you're looking for, please call your Bittree Sales Consultant.

DESCRIPTION **PRODUCT NUMBER** E-3, 1x26, 1 RU, Black, 7", Over/Over Strips E3, 1x26, 1 RU, Black, 7" Chassis, Non-Normal, Bussed B26DC-NNNBS/E3 M1007L E3, 1x26, 1 RU, Black, 7" Chassis, Non-Normal, Isolated B26DC-NNNIS/E3 M1007L E-3, 1x26, 1 RU, Black, 12", Over/Over Strips E3, 1x26, 1 RU, Black, 12" Chassis, Non-Normal, Bussed B26DC-NNNBS/E3 M10012L E3, 1x26, 1 RU, Black, 12" Chassis, Non-Normal, Isolated B26DC-NNNIS/E3 M10012L E-3, 2x26, 1 RU, Black, 7", Over/Under Strips E3, 2x26, 1 RU, Black, 7" Chassis, Full-Normal, Bussed B52DC-FNLBS/E3 M2OU7L E3, 2x26, 1 RU, Black, 7" Chassis, Full-Normal, Isolated B52DC-FNLIS/E3 M2OU7L E3, 2x26, 1 RU, Black, 7" Chassis, Full-Normal, Looped B52DC-FNLLS/E3 M2OU7L E3, 2x26, 1 RU, Black, 7" Chassis, Full-Normal, Switched B52DC-FNLSS/E3 M2OU7L E3, 2x26, 1 RU, Black, 7" Chassis, Half-Normal, Bussed B52DC-HNLBS/E3 M2OU7L E3, 2x26, 1 RU, Black, 7" Chassis, Half-Normal, Isolated B52DC-HNLIS/E3 M2OU7L E3, 2x26, 1 RU, Black, 7" Chassis, Half-Normal, Looped B52DC-HNLLS/E3 M2OU7L E3, 2x26, 1 RU, Black, 7" Chassis, Half-Normal, Switched B52DC-HNLSS/E3 M2OU7L E3, 2x26, 1 RU, Black, 7" Chassis, Non-Normal, Bussed B52DC-NNNBS/E3 M2OU7L E3, 2x26, 1 RU, Black, 7" Chassis, Non-Normal, Isolated B52DC-NNNIS/E3 M2OU7L E-3, 2x26, 1 RU, Black, 12", Over/Under Strips E3, 2x26, 1 RU, Black, 12" Chassis, Full-Normal, Bussed B52DC-FNLBS/E3 M2OU12L E3, 2x26, 1 RU, Black, 12" Chassis, Full-Normal, Isolated B52DC-FNLIS/E3 M2OU12L E3, 2x26, 1 RU, Black, 12" Chassis, Full-Normal, Looped B52DC-FNLLS/E3 M2OU12L E3, 2x26, 1 RU, Black, 12" Chassis, Full-Normal, Switched B52DC-FNLSS/E3 M2OU12L E3, 2x26, 1 RU, Black, 12" Chassis, Half-Normal, Bussed B52DC-HNLBS/E3 M2OU12L E3, 2x26, 1 RU, Black, 12" Chassis, Half-Normal, Isolated B52DC-HNLIS/E3 M2OU12L E3, 2x26, 1 RU, Black, 12" Chassis, Half-Normal, Looped B52DC-HNLLS/E3 M2OU12L E3, 2x26, 1 RU, Black, 12" Chassis, Half-Normal, Switched B52DC-HNLSS/E3 M2OU12L E3, 2x26, 1 RU, Black, 12" Chassis, Non-Normal, Bussed B52DC-NNNBS/E3 M2OU12L E3, 2x26, 1 RU, Black, 12" Chassis, Non-Normal, Isolated B52DC-NNNIS/E3 M2OU12L E-3, 2x26, 1 RU, Black, 7", Over/Over Strips E3, 2x26, 1 RU, Black, 7" Chassis, Full-Normal, Bussed B52DC-FNLBS/E3 M2OO7L E3, 2x26, 1 RU, Black, 7" Chassis, Full-Normal, Isolated B52DC-FNLIS/E3 M2OO7L E3, 2x26, 1 RU, Black, 7" Chassis, Full-Normal, Looped B52DC-FNLLS/E3 M2OO7L E3, 2x26, 1 RU, Black, 7" Chassis, Full-Normal, Switched B52DC-FNLSS/E3 M2OO7L E3, 2x26, 1 RU, Black, 7" Chassis, Half-Normal, Bussed B52DC-HNLBS/E3 M2OO7L E3, 2x26, 1 RU, Black, 7" Chassis, Half-Normal, Isolated B52DC-HNLIS/E3 M2OO7L E3, 2x26, 1 RU, Black, 7" Chassis, Half-Normal, Looped B52DC-HNLLS/E3 M2OO7L E3, 2x26, 1 RU, Black, 7" Chassis, Half-Normal, Switched B52DC-HNLSS/E3 M2OO7L E3, 2x26, 1 RU, Black, 7" Chassis, Non-Normal, Bussed B52DC-NNNBS/E3 M2OO7L E3, 2x26, 1 RU, Black, 7" Chassis, Non-Normal, Isolated B52DC-NNNIS/E3 M2OO7L E-3, 2x26, 1 RU, Black, 12", Over/Over Strips E3, 2x26, 1 RU, Black, 12" Chassis, Full-Normal, Bussed B52DC-FNLBS/E3 M2OO12L E3, 2x26, 1 RU, Black, 12" Chassis, Full-Normal, Isolated B52DC-FNLIS/E3 M2OO12L E3, 2x26, 1 RU, Black, 12" Chassis, Full-Normal, Looped B52DC-FNLLS/E3 M2OO12L E3, 2x26, 1 RU, Black, 12" Chassis, Full-Normal, Switched B52DC-FNLSS/E3 M2OO12L E3, 2x26, 1 RU, Black, 12" Chassis, Half-Normal, Bussed B52DC-HNLBS/E3 M2OO12L E3, 2x26, 1 RU, Black, 12" Chassis, Half-Normal, Isolated B52DC-HNLIS/E3 M2OO12L E3, 2x26, 1 RU, Black, 12" Chassis, Half-Normal, Looped B52DC-HNLLS/E3 M2OO12L E3, 2x26, 1 RU, Black, 12" Chassis, Half-Normal, Switched B52DC-HNLSS/E3 M2OO12L E3, 2x26, 1 RU, Black, 12" Chassis, Non-Normal, Bussed B52DC-NNNBS/E3 M2OO12L E3, 2x26, 1 RU, Black, 12" Chassis, Non-Normal, Isolated B52DC-NNNIS/E3 M2OO12L

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VIDEO MINI WECO

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E 2 2x26 1 5 PUL Plack 7" Over/Under String
E-3, 2x26, 1.5 RU, Black, 7", Over/Under Strips
E3, 2x26, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed E3, 2x26, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated
E3, 2x26, 1.5 RU, Black, 7 Chassis, Full-Normal, Isolated
E3, 2x26, 1.5 RU, Black, 7" Chassis, Full-Normal, Switched
E3, 2x26, 1.5 RU, Black, 7" Chassis, Half-Normal, Bussed
E3, 2x26, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated
E3, 2x26, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped
E3, 2x26, 1.5 RU, Black, 7" Chassis, Half-Normal, Switched
E3, 2x26, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed
E3, 2x26, 1.5 RU, Black, 7" Chassis, Non-Normal, Isolated
E-3, 2x26, 1.5 RU, Black, 12", Over/Under Strips
E3, 2x26, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed
E3, 2x26, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated
E3, 2x26, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped
E3, 2x26, 1.5 RU, Black, 12" Chassis, Full-Normal, Switched
E3, 2x26, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed
E3, 2x26, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated
E3, 2x26, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped
E3, 2x26, 1.5 RU, Black, 12" Chassis, Half-Normal, Switched
E3, 2x26, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed
E3, 2x26, 1.5 RU, Black, 12" Chassis, Non-Normal, Isolated
E-3, 2x26, 1.5 RU, Black, 7", Over/Over Strips
E3, 2x26, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed
E3, 2x26, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated
E3, 2x26, 1.5 RU, Black, 7" Chassis, Full-Normal, Looped
E3, 2x26, 1.5 RU, Black, 7" Chassis, Full-Normal, Switched
E3, 2x26, 1.5 RU, Black, 7" Chassis, Half-Normal, Bussed
E3, 2x26, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated
E3, 2x26, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped
E3, 2x26, 1.5 RU, Black, 7" Chassis, Half-Normal, Switched
E3, 2x26, 1.5 RU, Black, 7" Chassis, Non-Normal, Bussed
E3, 2x26, 1.5 RU, Black, 7" Chassis, Non-Normal, Isolated
E-3, 2x26, 1.5 RU, Black, 12", Over/Over Strips
E3, 2x26, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed
E3, 2x26, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated
E3, 2x26, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped
E3, 2x26, 1.5 RU, Black, 12" Chassis, Full-Normal, Switched
E3, 2x26, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed
E3, 2x26, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated
E3, 2x26, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped
E3, 2x26, 1.5 RU, Black, 12" Chassis, Half-Normal, Switched
E3, 2x26, 1.5 RU, Black, 12" Chassis, Non-Normal, Bussed
E3, 2x26, 1.5 RU, Black, 12" Chassis, Non-Normal, Isolated
E-3, 2x26, 2 RU, Black, 7", Over/Under Strips
E3, 2x26, 2 RU, Black, 7" Chassis, Full-Normal, Bussed
E3, 2x26, 2 RU, Black, 7" Chassis, Full-Normal, Isolated
E3, 2x26, 2 RU, Black, 7" Chassis, Full-Normal, Looped
E3, 2x26, 2 RU, Black, 7" Chassis, Full-Normal, Switched
E3, 2x26, 2 RU, Black, 7" Chassis, Half-Normal, Bussed
E3, 2x26, 2 RU, Black, 7" Chassis, Half-Normal, Isolated
E3, 2x26, 2 RU, Black, 7" Chassis, Half-Normal, Looped
E3, 2x26, 2 RU, Black, 7" Chassis, Half-Normal, Switched
E3, 2x26, 2 RU, Black, 7" Chassis, Non-Normal, Bussed
E3, 2x26, 2 RU, Black, 7" Chassis, Non-Normal, Isolated

PRODUCT NUMBER

B52DC-FNLBH/E3 M2OU7L B52DC-FNLIH/E3 M2OU7L B52DC-FNLLH/E3 M2OU7L B52DC-FNLSH/E3 M2OU7L B52DC-HNLBH/E3 M2OU7L B52DC-HNLIH/E3 M2OU7L B52DC-HNLLH/E3 M2OU7L B52DC-HNLSH/E3 M2OU7L B52DC-NNNBH/E3 M2OU7L B52DC-NNNIH/E3 M2OU7L

B52DC-FNLBH/E3 M2OU12L B52DC-FNLIH/E3 M2OU12L B52DC-FNLLH/E3 M2OU12L B52DC-FNLSH/E3 M2OU12L B52DC-HNLBH/E3 M2OU12L B52DC-HNLIH/E3 M2OU12L B52DC-HNLLH/E3 M2OU12L B52DC-HNLSH/E3 M2OU12L B52DC-NNNBH/E3 M2OU12L B52DC-NNNIH/E3 M2OU12L

B52DC-FNLBH/E3 M2OO7L B52DC-FNLIH/E3 M2OO7L B52DC-FNLLH/E3 M2OO7L B52DC-FNLSH/E3 M2OO7L B52DC-HNLBH/E3 M2OO7L B52DC-HNLIH/E3 M2OO7L B52DC-HNLLH/E3 M2OO7L B52DC-HNLSH/E3 M2OO7L B52DC-NNNBH/E3 M2OO7L B52DC-NNNIH/E3 M2OO7L

B52DC-FNLBH/E3 M2OO12L B52DC-FNLIH/E3 M2OO12L B52DC-FNLLH/E3 M2OO12L B52DC-FNLSH/E3 M2OO12L B52DC-HNLBH/E3 M2OO12L B52DC-HNLIH/E3 M2OO12L B52DC-HNLLH/E3 M2OO12L B52DC-HNLSH/E3 M2OO12L B52DC-NNNBH/E3 M2OO12L B52DC-NNNIH/E3 M2OO12L

B52DC-FNLBT/E3 M2OU7L B52DC-FNLIT/E3 M2OU7L B52DC-FNLLT/E3 M2OU7L B52DC-FNLST/E3 M2OU7L B52DC-HNLBT/E3 M2OU7L B52DC-HNLIT/E3 M2OU7L B52DC-HNLLT/E3 M2OU7L B52DC-HNLST/E3 M2OU7L B52DC-NNNBT/E3 M2OU7L B52DC-NNNIT/E3 M2OU7L

E-3, 2x26, 2 RU, Black, 12", Over/Under Strips

E3, 2x26, 2 RU, Black, 12" Chassis, Full-Normal, Bussed
E3, 2x26, 2 RU, Black, 12" Chassis, Full-Normal, Isolated
E3, 2x26, 2 RU, Black, 12" Chassis, Full-Normal, Looped
E3, 2x26, 2 RU, Black, 12" Chassis, Full-Normal, Switched
E3, 2x26, 2 RU, Black, 12" Chassis, Half-Normal, Bussed
E3, 2x26, 2 RU, Black, 12" Chassis, Half-Normal, Isolated
E3, 2x26, 2 RU, Black, 12" Chassis, Half-Normal, Looped
E3, 2x26, 2 RU, Black, 12" Chassis, Half-Normal, Switched
E3, 2x26, 2 RU, Black, 12" Chassis, Non-Normal, Bussed
E3, 2x26, 2 RU, Black, 12" Chassis, Non-Normal, Isolated

E-3, 2x26, 2 RU, Black, 7", Over/Over Strips

E3, 2x26, 2 RU, Black, 7" Chassis, Full-Normal, Bussed
E3, 2x26, 2 RU, Black, 7" Chassis, Full-Normal, Isolated
E3, 2x26, 2 RU, Black, 7" Chassis, Full-Normal, Looped
E3, 2x26, 2 RU, Black, 7" Chassis, Full-Normal, Switched
E3, 2x26, 2 RU, Black, 7" Chassis, Half-Normal, Bussed
E3, 2x26, 2 RU, Black, 7" Chassis, Half-Normal, Isolated
E3, 2x26, 2 RU, Black, 7" Chassis, Half-Normal, Looped
E3, 2x26, 2 RU, Black, 7" Chassis, Half-Normal, Switched
E3, 2x26, 2 RU, Black, 7" Chassis, Non-Normal, Bussed
E3, 2x26, 2 RU, Black, 7" Chassis, Non-Normal, Isolated

E-3, 2x26, 2 RU, Black, 12", Over/Over Strips

E3, 2x26, 2 RU, Black, 12" Chassis, Full-Normal, Bussed E3, 2x26, 2 RU, Black, 12" Chassis, Full-Normal, Isolated E3, 2x26, 2 RU, Black, 12" Chassis, Full-Normal, Looped E3, 2x26, 2 RU, Black, 12" Chassis, Full-Normal, Switched E3, 2x26, 2 RU, Black, 12" Chassis, Half-Normal, Bussed E3, 2x26, 2 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x26, 2 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x26, 2 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x26, 2 RU, Black, 12" Chassis, Half-Normal, Switched E3, 2x26, 2 RU, Black, 12" Chassis, Half-Normal, Switched E3, 2x26, 2 RU, Black, 12" Chassis, Non-Normal, Bussed E3, 2x26, 2 RU, Black, 12" Chassis, Non-Normal, Bussed

E-3, 2x26, 1 RU, Black, 7", Over/Under Strips, Normals Out

E3, 2x26, 1 RU, Black, 7" Chassis, Full-Normal, Bussed E3, 2x26, 1 RU, Black, 7" Chassis, Full-Normal, Isolated E3, 2x26, 1 RU, Black, 7" Chassis, Full-Normal, Looped E3, 2x26, 1 RU, Black, 7" Chassis, Full-Normal, Switched E3, 2x26, 1 RU, Black, 7" Chassis, Half-Normal, Bussed E3, 2x26, 1 RU, Black, 7" Chassis, Half-Normal, Isolated E3, 2x26, 1 RU, Black, 7" Chassis, Half-Normal, Looped E3, 2x26, 1 RU, Black, 7" Chassis, Half-Normal, Looped E3, 2x26, 1 RU, Black, 7" Chassis, Half-Normal, Switched

E-3, 2x26, 1 RU, Black, 12", Over/Under Strips, Normals Out

E3, 1	2x26,	1	RU,	Black,	12"	Chassis,	Full-Normal, Bussed
E3, 2	2x26,	1	RU,	Black,	12"	Chassis,	Full-Normal, Isolated
E3, 2	2x26,	1	RU,	Black,	12"	Chassis,	Full-Normal, Looped
E3, 2	2x26,	1	RU,	Black,	12"	Chassis,	Full-Normal, Switched
E3, 2	2x26,	1	RU,	Black,	12"	Chassis,	Half-Normal, Bussed
E3, 2	2x26,	1	RU,	Black,	12"	Chassis,	Half-Normal, Isolated
E3, 2	2x26,	1	RU,	Black,	12"	Chassis,	Half-Normal, Looped
E3, 2	2x26,	1	RU,	Black,	12"	Chassis,	Half-Normal, Switched

PRODUCT NUMBER

B52DC-FNLBT/E3 M2OU12L B52DC-FNLIT/E3 M2OU12L B52DC-FNLLT/E3 M2OU12L B52DC-FNLST/E3 M2OU12L B52DC-HNLBT/E3 M2OU12L B52DC-HNLIT/E3 M2OU12L B52DC-HNLST/E3 M2OU12L B52DC-NNNBT/E3 M2OU12L B52DC-NNNIT/E3 M2OU12L Bittree

B52DC-FNLBT/E3 M2OO7L B52DC-FNLIT/E3 M2OO7L B52DC-FNLLT/E3 M2OO7L B52DC-FNLST/E3 M2OO7L B52DC-HNLBT/E3 M2OO7L B52DC-HNLLT/E3 M2OO7L B52DC-HNLLT/E3 M2OO7L B52DC-HNLST/E3 M2OO7L B52DC-NNNBT/E3 M2OO7L

B52DC-FNLBT/E3 M2OO12L B52DC-FNLIT/E3 M2OO12L B52DC-FNLLT/E3 M2OO12L B52DC-FNLST/E3 M2OO12L B52DC-HNLBT/E3 M2OO12L B52DC-HNLIT/E3 M2OO12L B52DC-HNLST/E3 M2OO12L B52DC-NNNBT/E3 M2OO12L B52DC-NNNIT/E3 M2OO12L

B52DC-FNOBS/E3 M2OU7L B52DC-FNOIS/E3 M2OU7L B52DC-FNOLS/E3 M2OU7L B52DC-FNOSS/E3 M2OU7L B52DC-HNOBS/E3 M2OU7L B52DC-HNOIS/E3 M2OU7L B52DC-HNOLS/E3 M2OU7L

B52DC-FNOBS/E3 M2OU12L B52DC-FNOIS/E3 M2OU12L B52DC-FNOIS/E3 M2OU12L B52DC-FNOSS/E3 M2OU12L B52DC-FNOBS/E3 M2OU12L B52DC-HNOIS/E3 M2OU12L B52DC-HNOIS/E3 M2OU12L B52DC-HNOSS/E3 M2OU12L

VIDEO WECO

RS-422 PROG.



E-3, 2x26, 1 RU, Black, 7", Over/Over Strips, Normals Out E3, 2x26, 1 RU, Black, 7" Chassis, Full-Normal, Bussed B52DC-FNC

E3, 2x26, 1 RU, Black, 7 Chassis, Full-Normal, Bussed E3, 2x26, 1 RU, Black, 7" Chassis, Full-Normal, Isolated E3, 2x26, 1 RU, Black, 7" Chassis, Full-Normal, Looped E3, 2x26, 1 RU, Black, 7" Chassis, Full-Normal, Switched E3, 2x26, 1 RU, Black, 7" Chassis, Half-Normal, Bussed E3, 2x26, 1 RU, Black, 7" Chassis, Half-Normal, Isolated E3, 2x26, 1 RU, Black, 7" Chassis, Half-Normal, Looped E3, 2x26, 1 RU, Black, 7" Chassis, Half-Normal, Looped E3, 2x26, 1 RU, Black, 7" Chassis, Half-Normal, Switched B52DC-FNOBS/E3 M2OO7L B52DC-FNOIS/E3 M2OO7L B52DC-FNOLS/E3 M2OO7L B52DC-FNOSS/E3 M2OO7L B52DC-HNOBS/E3 M2OO7L B52DC-HNOIS/E3 M2OO7L B52DC-HNOLS/E3 M2OO7L B52DC-HNOSS/E3 M2OO7L

PRODUCT NUMBER

E-3, 2x26, 1 RU, Black, 12", Over/Over Strips, Normals Out

E3, 2x26, 1 RU, Black, 12" Chassis, Full-Normal, Bussed E3, 2x26, 1 RU, Black, 12" Chassis, Full-Normal, Isolated E3, 2x26, 1 RU, Black, 12" Chassis, Full-Normal, Looped E3, 2x26, 1 RU, Black, 12" Chassis, Full-Normal, Switched E3, 2x26, 1 RU, Black, 12" Chassis, Half-Normal, Bussed E3, 2x26, 1 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x26, 1 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x26, 1 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x26, 1 RU, Black, 12" Chassis, Half-Normal, Switched **IS Out** B52DC-FNOBS/E3 M2OO12L B52DC-FNOIS/E3 M2OO12L B52DC-FNOLS/E3 M2OO12L B52DC-FNOSS/E3 M2OO12L B52DC-HNOBS/E3 M2OO12L B52DC-HNOIS/E3 M2OO12L B52DC-HNOLS/E3 M2OO12L

E-3, 2x26, 1.5 RU, Black, 7", Over/Under Strips, Normals Out

E3, 2x26, 1	1.5 RU,	Black, 7	" Chassis,	Full-Normal,	Bussed
E3, 2x26, 1	1.5 RU,	Black, 7	" Chassis,	Full-Normal,	Isolated
E3, 2x26, 1	1.5 RU,	Black, 7	" Chassis,	Full-Normal,	Looped
E3, 2x26, 1	1.5 RU,	Black, 7	" Chassis,	Full-Normal,	Switched
E3, 2x26, 1	1.5 RU,	Black, 7	" Chassis,	Half-Normal,	Bussed
E3, 2x26, 1	1.5 RU,	Black, 7	" Chassis,	Half-Normal,	Isolated
E3, 2x26, 1	1.5 RU,	Black, 7	" Chassis,	Half-Normal,	Looped
E3, 2x26, 1	1.5 RU,	Black, 7	" Chassis,	Half-Normal,	Switched

B52DC-FNOBH/E3 M2OU7L B52DC-FNOIH/E3 M2OU7L B52DC-FNOSH/E3 M2OU7L B52DC-FNOSH/E3 M2OU7L B52DC-HNOBH/E3 M2OU7L B52DC-HNOIH/E3 M2OU7L B52DC-HNOLH/E3 M2OU7L B52DC-HNOSH/E3 M2OU7L

B52DC-HNOSS/E3 M2OO12L

E-3, 2x26, 1.5 RU, Black, 12", Over/Under Strips, Normals Out

E3, 2x26, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed E3, 2x26, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated E3, 2x26, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped E3, 2x26, 1.5 RU, Black, 12" Chassis, Full-Normal, Switched E3, 2x26, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed E3, 2x26, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x26, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x26, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x26, 1.5 RU, Black, 12" Chassis, Half-Normal, Switched B52DC-FNOBH/E3 M2OU12L B52DC-FNOIH/E3 M2OU12L B52DC-FNOLH/E3 M2OU12L B52DC-FNOSH/E3 M2OU12L B52DC-HNOBH/E3 M2OU12L B52DC-HNOIH/E3 M2OU12L B52DC-HNOLH/E3 M2OU12L B52DC-HNOSH/E3 M2OU12L

E-3, 2x26, 1.5 RU, Black, 7", Over/Over Strips, Normals Out

E3, 2x26, 1.5 RU, Black, 7" Chassis, Full-Normal, Bussed E3, 2x26, 1.5 RU, Black, 7" Chassis, Full-Normal, Isolated E3, 2x26, 1.5 RU, Black, 7" Chassis, Full-Normal, Looped E3, 2x26, 1.5 RU, Black, 7" Chassis, Full-Normal, Switched E3, 2x26, 1.5 RU, Black, 7" Chassis, Half-Normal, Bussed E3, 2x26, 1.5 RU, Black, 7" Chassis, Half-Normal, Isolated E3, 2x26, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped E3, 2x26, 1.5 RU, Black, 7" Chassis, Half-Normal, Looped E3, 2x26, 1.5 RU, Black, 7" Chassis, Half-Normal, Switched

E-3, 2x26, 1.5 RU, Black, 12", Over/Over Strips, Normals Out

E3, 2x26, 1.5 RU, Black, 12" Chassis, Full-Normal, Bussed E3, 2x26, 1.5 RU, Black, 12" Chassis, Full-Normal, Isolated E3, 2x26, 1.5 RU, Black, 12" Chassis, Full-Normal, Looped E3, 2x26, 1.5 RU, Black, 12" Chassis, Full-Normal, Switched E3, 2x26, 1.5 RU, Black, 12" Chassis, Half-Normal, Bussed E3, 2x26, 1.5 RU, Black, 12" Chassis, Half-Normal, Isolated E3, 2x26, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x26, 1.5 RU, Black, 12" Chassis, Half-Normal, Looped E3, 2x26, 1.5 RU, Black, 12" Chassis, Half-Normal, Switched B52DC-FNOLH/E3 M2OO7L B52DC-FNOSH/E3 M2OO7L B52DC-HNOBH/E3 M2OO7L B52DC-HNOIH/E3 M2OO7L B52DC-HNOLH/E3 M2OO7L B52DC-HNOSH/E3 M2OO7L

B52DC-FNOBH/E3 M2OO7L

B52DC-FNOIH/E3 M2OO7L

B52DC-FNOBH/E3 M2O012L B52DC-FNOIH/E3 M2O012L B52DC-FNOLH/E3 M2O012L B52DC-FNOSH/E3 M2O012L B52DC-HNOBH/E3 M2O012L B52DC-HNOIH/E3 M2O012L B52DC-HNOLH/E3 M2O012L **AUDIO TI**

RS-422 PROG.



E-3, 2x26, 2 RU, Black, 7", Over/Under Strips, Normals Out

L J, LAL	v , r	,				
E3, 2x26, 2	RU,	Black,	7"	Chassis,	Full-Normal,	Bussed
E3, 2x26, 2	RU,	Black,	7"	Chassis,	Full-Normal,	Isolated
E3, 2x26, 2	RU,	Black,	7"	Chassis,	Full-Normal,	Looped
E3, 2x26, 2	RU,	Black,	7"	Chassis,	Full-Normal,	Switched
E3, 2x26, 2	RU,	Black,	7"	Chassis,	Half-Normal,	Bussed
E3, 2x26, 2	RU,	Black,	7"	Chassis,	Half-Normal,	Isolated
E3, 2x26, 2	RU,	Black,	7"	Chassis,	Half-Normal,	Looped
E3, 2x26, 2	RU,	Black,	7"	Chassis,	Half-Normal,	Switched

B52DC-FNOBT/E3 M2OU7L B52DC-FNOIT/E3 M2OU7L B52DC-FNOST/E3 M2OU7L B52DC-FNOST/E3 M2OU7L B52DC-HNOBT/E3 M2OU7L B52DC-HNOIT/E3 M2OU7L B52DC-HNOST/E3 M2OU7L

PRODUCT NUMBER

E-3, 2x26, 2 RU, Black, 12", Over/Under Strips, Normals Out

E3, 2x26,	2	RU,	Black,	12"	Chassis,	Full-Normal, Bussed	
E3, 2x26,	2	RU,	Black,	12"	Chassis,	Full-Normal, Isolated	
E3, 2x26,	2	RU,	Black,	12"	Chassis,	Full-Normal, Looped	
E3, 2x26,	2	RU,	Black,	12"	Chassis,	Full-Normal, Switched	
E3, 2x26,	2	RU,	Black,	12"	Chassis,	Half-Normal, Bussed	
E3, 2x26,	2	RU,	Black,	12"	Chassis,	Half-Normal, Isolated	
E3, 2x26,	2	RU,	Black,	12"	Chassis,	Half-Normal, Looped	
E3, 2x26,	2	RU,	Black,	12"	Chassis,	Half-Normal, Switched	

B52DC-FNOBT/E3 M2OU12L B52DC-FNOIT/E3 M2OU12L B52DC-FNOLT/E3 M2OU12L B52DC-FNOST/E3 M2OU12L B52DC-FNOBT/E3 M2OU12L B52DC-HNOIT/E3 M2OU12L B52DC-HNOLT/E3 M2OU12L B52DC-HNOST/E3 M2OU12L

E-3, 2x26, 2 RU, Black, 7", Over/Over Strips, Normals Out

E3, 2x26, 2 RU, Black, 7" Chassis, Fu	ıll-Normal, Bussed
E3, 2x26, 2 RU, Black, 7" Chassis, Fu	ıll-Normal, Isolated
E3, 2x26, 2 RU, Black, 7" Chassis, Fu	ıll-Normal, Looped
E3, 2x26, 2 RU, Black, 7" Chassis, Fu	ıll-Normal, Switched
E3, 2x26, 2 RU, Black, 7" Chassis, Ha	alf-Normal, Bussed
E3, 2x26, 2 RU, Black, 7" Chassis, Ha	alf-Normal, Isolated
E3, 2x26, 2 RU, Black, 7" Chassis, Ha	alf-Normal, Looped
E3, 2x26, 2 RU, Black, 7" Chassis, Ha	alf-Normal, Switched

B52DC-FNOBT/E3 M2OO7L B52DC-FNOIT/E3 M2OO7L B52DC-FNOST/E3 M2OO7L B52DC-FNOST/E3 M2OO7L B52DC-HNOBT/E3 M2OO7L B52DC-HNOIT/E3 M2OO7L B52DC-HNOST/E3 M2OO7L

E-3, 2x26, 2 RU, Black, 12", Over/Over Strips, Normals Out

ΕЗ,	2x26,	2	RU,	Black,	12"	Chassis,	Full-Normal, Bussed
ЕЗ,	2x26,	2	RU,	Black,	12"	Chassis,	Full-Normal, Isolated
ЕЗ,	2x26,	2	RU,	Black,	12"	Chassis,	Full-Normal, Looped
ЕЗ,	2x26,	2	RU,	Black,	12"	Chassis,	Full-Normal, Switched
ЕЗ,	2x26,	2	RU,	Black,	12"	Chassis,	Half-Normal, Bussed
ЕЗ,	2x26,	2	RU,	Black,	12"	Chassis,	Half-Normal, Isolated
ЕЗ,	2x26,	2	RU,	Black,	12"	Chassis,	Half-Normal, Looped
ЕЗ,	2x26,	2	RU,	Black,	12"	Chassis,	Half-Normal, Switched

B52DC-FNOBT/E3 M2O012L B52DC-FNOIT/E3 M2O012L B52DC-FNOLT/E3 M2O012L B52DC-FNOST/E3 M2O012L B52DC-HNOBT/E3 M2O012L B52DC-HNOLT/E3 M2O012L B52DC-HNOLT/E3 M2O012L

REAR INTERFACE OPTIONS

The 521 Series comes with six rear interface options – E-3, E-56, E-90, ID (punchdown), D25 and Centronics 50-pin. Full views of E3, E90 and ID (punchdown) rear interfaces can be seen throughout this catalog; full views of the E-56, D25 and Centronics 50-Pin rear interfaces can be seen at Bittree.com.

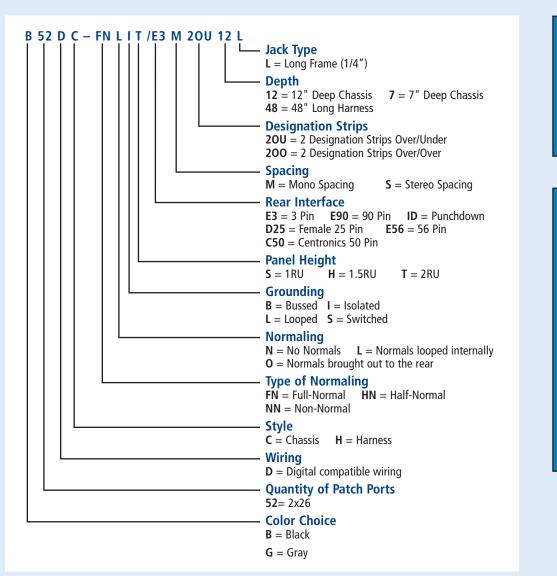


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Our easy-to-use Ordering Codes let you order the exact patching system you need. As shown in the chart below, simply choose the option you want for each specification.



Mating connectors, contacts and normals (where applicable) are included with standard rear interface audio patchbays. Lacing bars are included with all audio patchbays.

Normals out patchbays bring the normals to the rear interface so that if desired the user may de-normal a circuit by removing a jumper. The 3-pin rear interface always brings the shield to the rear interface. To loop the ground use a threewire jumper (Normal 3-E); to isolate the ground use a two-wire jumper (Normal 2-E). Note: E90 normals out models do not bring the ground to the normals out connector.

AUDIO TT

RS-422 PROG.

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RS-422 ACTIVE

Overview

Bittree's new RS-422 64-Port Active Patchbay delivers the most significant improvement in RS-422 patching since its inception, making it easier to route, manage and verify RS-422 signals.

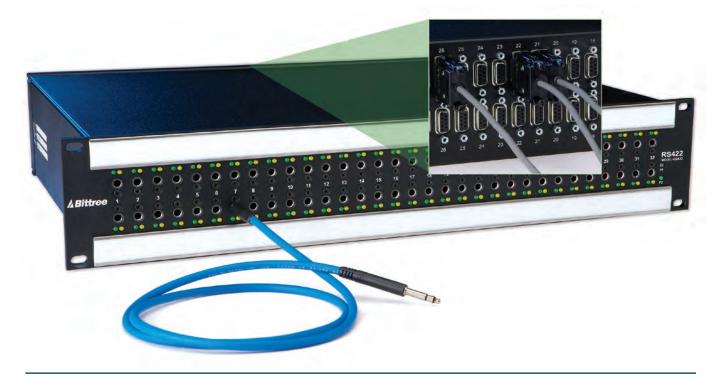
The innovation lies in the patchbay's auto-sensing transceivers that receive, interpret and re-transmit perfectly regenerated RS-422 signals, eliminating inductive and capacitive signal-distortion frequently imposed by traditional passive switches.

The patchbay also serves as a powerful diagnostic tool that quickly verifies the connection status between Masters and Remotes (i.e., Controllers and VTRs). The color-coded LEDs display the transmitting and receiving status of each machine plugged into the patchbay, providing a reliable way to manage and verify RS-422 signals, as well as determine which machines are set to Master or Remote.

The RS-422 64-Port Active Patchbay also increases the reliability of RS-422 system connections. Mechanically, the system will be more reliable because it uses standard, robust bantam (TT) audio patchcords – instead of "card edge" patchcords used by competing 2x32 patchbays that can cost twice as much. Electrically, the system will be more reliable because it transmits regenerated, pristine RS-422 signals.

In addition to signal-enhancement, diagnostic capabilities and increased reliability, the form-factor of the new RS-422 64-Port Patchbay is more efficient than competing models, thanks to its 2 x 32 port configuration that perfectly matches standard routers.





The RS-422 64-Port Patchbay is ideal for edit bays and machine rooms in post-production, broadcast and duplication. And because the patchbay also serves as a repeater, it excels in today's larger networked installations, helping to provide RS-422 runs of up to 8,000 feet, depending on the termination gear.

The RS-422 64-Port Active Patchbay is designed for remote-delegation protocols such as Sony and Lynx, and features easy-to-read connection status lights, a high-quality power supply, patchbay power-indicator light, DE9 female rear interface and normalled I/O paired ports. The SMPTE 207 compliant, 2 rack-unit patchbay is ruggedly built yet finely finished, and is housed in a 12" chassis with a powder-coat finish and extra-wide designation strips.

- Color-coded LEDs make it easier to route, verify and diagnose RS-422 signals
- Auto-sensing transceivers transmit perfectly re-generated RS-422 signals for longer cable runs
- Rear port auto-senses/auto-configures for master or remote operation
- Efficient 2 x 32 port configuration perfectly matches standard routers
- Uses reliable bantam audio patchcords
- SMPTE 207M compliant; accommodates remote delegation protocols such as Sony and Lynx
- Easy-to-read connection-status lights and patchbay power indicator light

- Includes high-quality, medical-grade power supply; optional dual power supply for on-air applications
- Rugged nickel-plated, cold-rolled steel box-frame jack construction; jacks rated to 30,000 minimum insertion cycles
- Panels made from 3/16" solid aluminum with black durable powder-coat finish
- 2 x 32 ports, D9 female rear interface, 2 RU, 12" deep chassis; Extra-wide designation strips
- Copper-nickel-silver alloy leaf springs with goldalloy cross bar switching contacts and nickel-plated sleeve bushings
- Normal I/O paired ports

DESCRIPTION

RS-422 64-Port Active Patchbay, with single power supply RS-422 64-Port Active Patchbay, with dual power supply

PRODUCT NUMBER

422A32 422A32-D RS-422 PROG.



Port Patchbay Specifications (Fully compliant with EIA-422-A standards)

Rear Interface Connections

Signal:DE9 FemaleLife Cycle:10,000 Insertions CyclesPower:Locking Mini Power Connector L722A

Front Interface Connections

Signal:Bantam (TT) jacksLife Cycle:> 30,000 Insertion CyclesMaximumInput-to-OutputPropagation Delay:1250 nsPatchcord:Standard Bantam (TT) patchcord

Power Requirements

Input:	100-120V AC, 47-63Hz; 0.75 amps
Output:	5+0.1 volts DC Regulated; 2.4 amps max
Power Supply	
Connector:	Locking Mini Power Plug S760K

Environmental

Operating Temperature: 0°C to 70°C Storage Temperature: – 55°C to 85°C



DB9 Slim Hood

The profile of the DB9 Slim Hood allows users to fit up to 32 connectors in each row and take advantage of all 64 ports in the new RS-422 64-Port Active Patchbay.

The DB9 Slim Hood is easy to assemble, comes with a rugged tie-wrap strain relief to ensure solid connections, and features slotted thumb screws for maximum convenience.

Part Numbers

DB9Slim1 – one unit	DB9Slim16 - set of 16
DB9Slim8 – set of 8	DB9Slim32 – set of 32

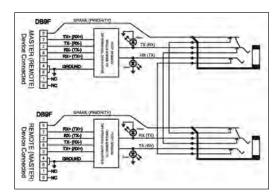
DB9 Slim Hoods not included with RS-422 64-Port Active Patchbay.



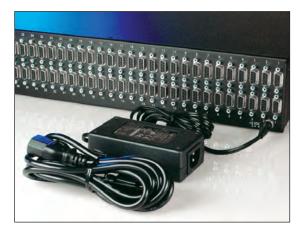


Length	00= Black
in Inches (cm)	02= Red
24 (61)	04= Yellow
36 (92)	05= Green
48 (122)	06= Blue
60 (153)	07= Purple
72 (184)	

Bantam (TT) Patchcord



Product Schematic



RS-422 64-Port Active Patchbay Power Supply This high-quality power supply was designed exclusively for the RS-422 64-Port Active Patchbay. Screw lock-downs ensure power supply stays connected. Low-profile wall-plug helps power supply stay plugged in. 72" cord, 5 volt, 2.4 amp.

Part Number

PS72S

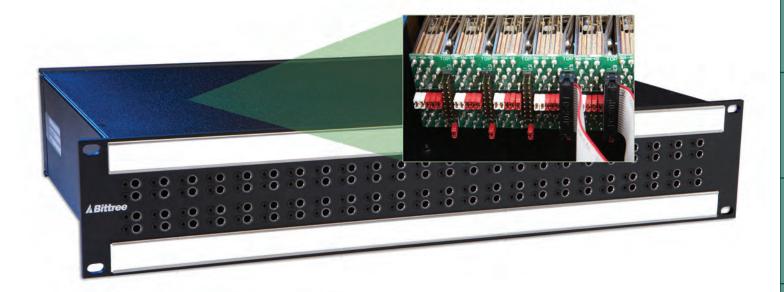
Power Supply(s) included with RS-422 64-Port Active Patchbay.

VIDEO WECO

104

A Bittree

RS-422 PROGRAMMABLE



Overview

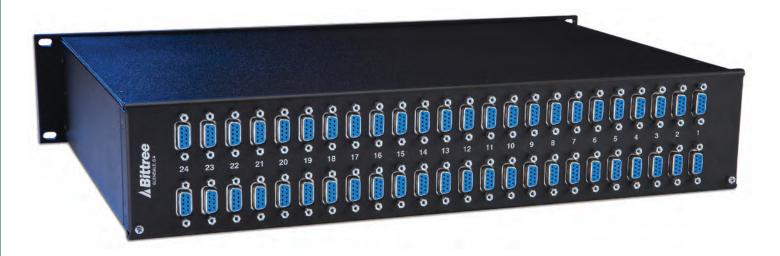
Our new RS-422 Programmable Data Patchbay, expressly designed to meet the needs of RS-422 serial data patching typically required in television broadcast or postproduction facilities, allows you to switch circuits between full-normal and non-normal and back again – quickly, easily and reliably.

The RS-422 Programmable Data Patchbay is as easy as it is adaptable. To program the Normals for individual circuits, users just need to insert or remove the programming shunts located underneath the patchbay dust cover. When the shunts are inserted, the circuit will be full-normal; when the shunts are removed, the circuit will be non-normal.

This flexibility means the RS-422 Programmable Data Patchbay can serve as the foundation for virtually any new, reconfigured or legacy installation. It also means that regardless of any design changes that arise during installation, it can always be re-programmed as needed right on the spot.

The end result is that the RS-422 Programmable Data Patchbay allows integrators and installers to quickly re-configure patching systems, accommodate customer change-orders, and speed service-calls. It also allows system designers to more confidently assemble equipment lists and more accurately develop quotes earlier in the proposal process.





The RS-422 Programmable Data Patchbay features six-wire circuits, accommodating RS422 signals – and providing two extra circuits for additional applications and protocols. The patchbay handles bi-directional signals such as RS-422, RS-232 and other general purpose interface applications.

The RS-422 Programmable Data Patchbay features a D9 female rear interface and is SMPTE 207 compliant. The 2 rack-unit patchbay is ruggedly built yet finely finished, and is housed in a 12" chassis with a powder-coat finish and extra-wide designation strips.

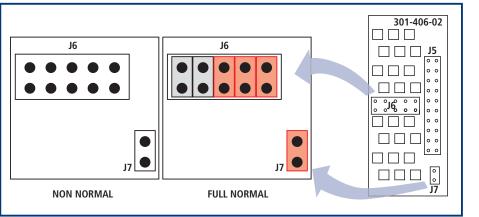
The RS-422 Programmable Data Patchbay is ideal for edit bays and machine rooms in post-production, broadcast and duplication, and can also accommodate remote-delegation protocols such as Sony and Lynx.

All Bittree data patching systems are held to strict electrical and mechanical specifications to guarantee exceptional performance in traditional serial data applications. Ideal for edit system to VTR patching; remote control delegation (e.g., Sony and Lynx systems); computer data interconnection, control panel re-routing; and central distribution of 422 signals.

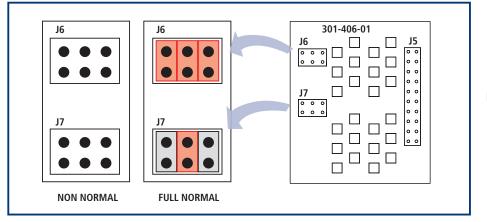
- Programming shunts allow users to easily change between full-normal and non-normal circuits
- Red/white programming shunts are located inside, under the patchbay dust cover. Insert shunts to make the circuit full-normal; remove shunts to make the circuit non-normal.
- Robust six-wire circuits accommodate RS422 signals and provide two extra circuits for additional applications and protocols
- Handles bi-directional signals such as SMPTE 207M RS-422, RS-232 and other general purpose interface applications

- Available formats include 2 x 6 and 2 x 12 in 1RU, and 2 x 12, 2 x 18 and 2 x 24 in 2 RU, all in a 12" deep chassis
- Precision-stamped reinforced steel jack frame; jacks rated to 30,000 minimum insertion cycles
- Panels made from 3/16" solid aluminum with a durable powder-coat finish
- Black or gray front panel
- D9 female rear interface
- Large user-friendly designation strips









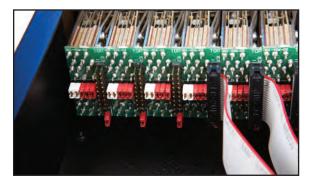
1 RU Size Product Number Contains: "FI6S" or "NI6S"

How to Identify an RS-422 Programmable Data Patchbay:

RS-422 Programmable Data patchbays can be identified by their product number. Locate the product number sticker toward the back of the left side panel. If the product number contains either an "FI" or "NI" in the product number, it is programmable.

How to Change the Programming for a Circuit:

1. Unscrew the screws along the top edges and take off the patchbay dust cover. Locate the Internal PCB Boards inside, which are right behind the back of the jacks (for a better view, turn the rear of the patchbay toward you). There are 24 PCB Boards; each one holds one circuit.



RS-422 Programmable Data patchbay in a 2 RU size shown with dust cover removed, exposing red and white internal programming shunts.

- 2. Programming options are full normal or non-normal. Find your desired configuration in the diagram above.
- 3. Ample red and white shunts are provided with every programmable patchbay. Arrange the programming shunts on the PCB Boards to match the appropriate diagram. When the programming shunts are inserted, the circuit will be full-normal; when the shunts are removed, the circuit will be non-normal. Note: Each circuit can be programmed independently.
- 4. Replace the dust cover.

VIDEO MINI WECO

VIDEO WECO

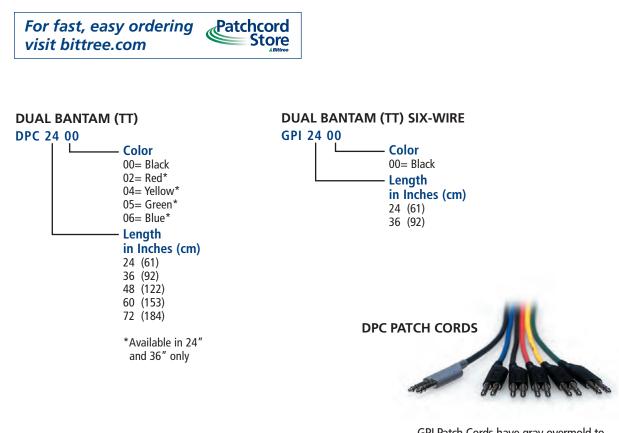
AES AUDIO

AUDIO TT

AUDIO 1/4"

RS-422 PROGRAMMABLE PRODUCT ORDERING CODES





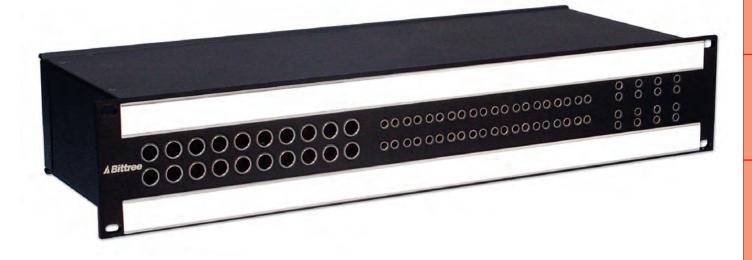
GPI Patch Cords have gray overmold to differentiate from DPC Patch Cords.

Our easy-to-use Ordering Codes let you order the exact patching system you need. As shown in the charts below, simply choose the option you want for each specification.

|--|

A Bittree

INTEGRATED



Overview

The revolutionary idea behind Bittree's Integrated Patchbays is to combine the three main patching requirements – audio, video and data – into a single integrated unit.

Our Integrated patchbays therefore have the same professional quality and finish as the rest of our line, avoiding the loose pieces and sloppy look of modular patchbays offered by other companies.

Integrated patchbays are ideal for environments such as edit rooms and professional home studios that have multiple types of patching requirements (i.e., audio, video and data), but that have a minimal number of patching requirements. They are a cost-effective way to have the convenience, functionality and reliability of a multiple-patch system, without having to purchase three separate patchbays.

INTEGRATED



INTEGRATED PATCHBAY FEATURES: VIDEO

- High-bandwidth performance for SD/SDI, HD/SDI, and 3 Gb/s applications available
- Jacks conform to SMPTE 292M and SMPTE 424M
- Available in both Mini-WECO and WECO formats
- BNC rear interface
- True 750hm impedance with low return loss
- Jacks are isolated from the panel
- Jacks may be ordered in four different configurations:
 - o Dual self-normaling, terminating (2MWTHD)
 - o Dual self-normaling, non-terminating (2MWNHD)
 - o Single non-normaling, terminating (1MWTHD)
 - o Single non-normaling, non-terminating (1MWNHD)

INTEGRATED PATCHBAY FEATURES: DATA

- Handles bi-directional signals such as SMPTE 207M RS-422, RS-232 and other general purpose interface applications
- Robust six-wire circuits accommodate RS422 signals

 and provide two extra circuits for additional applications and protocols
- Jacks rated to 30,000 minimum insertion cycles
- Precision-stamped reinforced steel jack frame
- Available as normaled or non-normaled
- D9 female rear interface

INTEGRATED PATCHBAY FEATURES: AUDIO

- Bantam (TT) or Long Frame (1/4") Audio
- Jacks rated to 30,000 minimum insertion cycles
- Copper-nickel-silver alloy leaf springs with goldplated cross bar switching contacts and nickel-plated sleeve bushings
- Precision-stamped reinforced steel jack frame
- Gold-plated contacts used in E3 rear interface
- Wired with low-capacitance, AES/EBU-rated, shielded, twisted pair
- Available in full normal, half-normal or non-normal
- Mating audio connectors and contacts are included

INTEGRATED PATCHBAY FEATURES: PANEL

- Available in 1.5 or 2 rack units (RU)
- Panels made from 3/16" solid aluminum with a durable powder-coat finish
- 12" or 7" deep chassis
- Black or gray front panel
- Large user-friendly designation strips



DESCRIPTION	PRODUCT NUMBER	
Bantam (TT) Audio, 12" Deep Chassis, Mono Sp	acing	
Video 2x12 (1WN); Audio 2x24 (NNNIT/E3)	BIPS-73	
Video $2x12$ (IWN); Audio $2x24$ (FNLIT/E3)	BIPS-54	
Video $2x12$ (2WTV); Audio $2x24$ (FNLBT/E3)	BIPS-67	
Video $2x12$ (2WT); Audio $2x24$ (FNLBT/E3)	BIPS-109	
Video 2x12 (2WT); Audio 2x24 (FNLIT/E3)	BIPS-71	
Video 2x16 (2MWT); Audio 2x26 (FNLIT); Data 2x4 (FI6)	BIPS-142	
Video 2x16 (2MWT); Audio 2x16 (HNLIT); Data 2x4 (FI6)	BIPS-156	
Bantam (TT) Audio, 12" Deep Full Chassis, Stere	eo Spacing	
Video 2x10 (1WN); Audio 2x20 (FNLIT/E3); Data 2x4 (NNT)	BIPS-90	
Video 2x10 (1WN); Audio 2x20 (NNNIT/E3); Data 2x4 (NNT)	BIPS-1	
Video 2x10 (1WT); Audio 2x20 (FNLIT/E3); Data 2x4 (N4T)	BIPS-149	
Video 2x10 (1WT); Audio 2x20 (NNNIT/E3); Data 2x4 (NNT)	BIPS-103	
Video 2x10 (2WN); Audio 2x20 (FNLIT/E3); Data 2x4 (N4T)	BIPS-2	
Video 2x10 (2WN); Audio 2x20 (HNLBT/E3); Data 2x4 (N4T)	BIPS-91	
Video 2x10 (2WN); Audio 2x20 (HNLIT/E3); Data 2x4 (N4T)	BIPS-3	
Video 2x10 (2WT); Audio 2x20 (FNLBT/E3); Data 2x4 (N4T)	BIPS-110	
Video $2x10$ (2WT); Audio $2x20$ (FNLBT/E3); Data $2x4$ (NNT)	BIPS-65	
Video $2x10$ (2WT); Audio $2x20$ (FNLIT/E3); Data $2x4$ (N4T)	BIPS-4	
Video 2x10 (2WT); Audio 2x20 (FNLLT/E3); Data 2x4 (N4T)	BIPS-164	
Video $2x10$ (2WT); Audio $2x20$ (HNLBT/E3); Data $2x4$ (N4T)	BIPS-174	
Video $2x10$ (2WT); Audio $2x20$ (HNLIT/E3); Data $2x4$ (N4T)	BIPS-7	
Video 2x12 (2WT); Audio 2x24 (FNLBT/ID)	BIPS-116	
Video 2x12 (2WT); Audio 2x24 (FNLLT/E3)	BIPS-112	
Bantam (TT) Audio, 7" Deep Full Chassis, Stered	o Spacing	
Video 2x10 (2WT); Audio 2x20 (FNLIT/E3); Data 2X4 (N4T)	BIPS-102	
Video 2x12 (2WN); Audio 2x24 (FNLIT/E3)	BIPS-5	
Video 2x12 (2WN); Audio 2x24 (FNLST/E3)	BIPS-137	
Bantam (TT) Audio, 5" Deep Half Chassis, Mono	Spacing	
Video 2x12 (2WNHD); Audio 2x24 (FNLIT/E3)	BIPS-128	
Video 2x12 (2WTHD); Audio 2x24 (HNLLT/E3)	BIPS-133	
Video 2x16 (2MWTHD); Audio 2x24 (FNLIT/E3)	BIPS-74	
Video 2x16 (2MWTHD); Audio 2x24 (HNLBT/E3)	BIPS-182	
Bantam (TT) Audio, 5" Deep Half Chassis, Stere	o Spacing	
Video 2x12 (2WNHD); Audio 2x24 (HNLIT/E3)	BIPS-89	
Video 2x12 (2WTHD); Audio 2x12 (FNLIT/E3)	BIPS-51	
Video 2x12 (2WTHD); Audio 2x24 (FNLIT/E3)	BIPS-82	
Long Frame (1/4") Audio, 5" Deep Half Chassis,	Mono Spacing	
Video 2x12 (1WNHD); Audio 2x12 (NNNIT/E3)	BIPS-63	
Video 2x12 (2WNHD); Audio 2x12 (FNLIT/E3)	BIPS-55	
Video 2x12 (2WNHD); Audio 2x12 (FNLIT/ID)	BIPS-136	
Video 2x12 (2WNHD); Audio 2x12 (HNLIT/E3)	BIPS-78	
Video 2x12 (2WTHD); Audio 2x12 (FNLIT/E3)	BIPS-165	

VIDEO WECO

AES AUDIO

AUDIO TT

AUDIO 1/4"

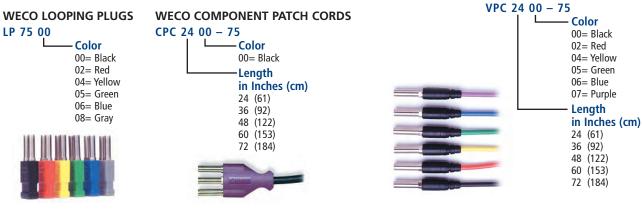
RS-422 ACTIVE

RS-422 PROG.

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ACCESSORIES

VIDEO WECO PATCHCORDS & LOOPING PLUGS



VIDEO MINI-WECO PATCHCORDS & LOOPING PLUGS

MINI-WECO LOOPING PLUGS LPM 75 06 Color

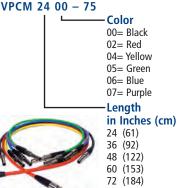


AUDIO BANTAM (TT) PATCHCORDS

MINI-WECO COMPONENT	PATCH CORDS
CPCM 24 00 – 75	
Color	
00= Black	<
Length	
in Inche	s (cm)
24 (61)	
36 (92)	
48 (122)	
60 (153)	
72 (184)	
Elitado	
	-

MINI-WECO PATCH CORDS

WECO PATCH CORDS



AUDIO LONG FRAME (1/4") **PATCHCORDS**

AUDIO BANTAM (TT)	DUAL BANTAM (TT)	PATCHCORDS
BPC 24 00 - 110 Color 00= Black 02= Red 04= Yellow 05= Green 06= Blue 07= Purple Length in Inches (cm) 24 (61) 36 (92) 48 (122) 60 (153) 72 (184)	DPC 24 00 Color 00= Black 02= Red 04= Yellow 05= Green 06= Blue 07= Purple Length in Inches (cm) 24 (61) 36 (92) 48 (122) 60 (153) 72 (184)	AUDIO LONG FRAME (1/4") LPC 24 00 - 110 Color 00= Black 02= Red 04= Yellow 05= Green 06= Blue 07= Purple Length in Inches (cm) 24 (61) 36 (92) 48 (122) LPC 60 (153)
BPC PATCH CORDS	DPC PATCH CORDS	PATCH CORDS 72 (184)

ACCESSORIES

A Bittree

RT1L

E90MS

T.IIIIIA

EPIN

E3M

PROGRAMMING SHUNTS

LB-1900

06-1742-04

06-1877-04

K2MA-01

ADMW12

AD1W

PUNCHDOWN HOUSINGS & PINS

NORMAL-2E

NORMAL-48

Call Toll Free 800.500.8142

VIDEO MINI WECO

For fast, easy ordering	Patchcord
visit bittree.com	

Tools

K2MA-01	Crimp Tool for EPin
06-1877-04	Extraction Tool for EPin
06-1742-04	Insertion Tool for EPin
PT1	Punchdown Tool for ID Pins
RT1S	BNC Extraction Tool, 6"
RT1L	BNC Extraction Tool, 12"
RT1XL	BNC Extraction Tool, 22"
RTMW1L	BNC Extraction Tool, 12" (Mini-WECO)

Adapters

AD1W	BNC to WECO Patch
ADMW12	BNC to Mini-WECO Patch
TCS-418	SVHS to two BNCs

Connectors

E3M	Male 3 Pin Connector	
E90MS	Male w/Screw 90 Pin Connector	
E90HOOD	90 Pin Hood	
EPIN	Pin (Crimp type)	
K51002	Punchdown Housing (Red)	
K51009	Punchdown Housing (White)	
K51000	Punchdown Housing (Black)	2
K514	Punchdown Contact	

Jumpers

NORMAL-2E	Two-Wire E3 Normal Jumper
	(Isolated Ground)
NORMAL-3E	Three-Wire E3 Normal Jumper
	(Looped Ground)
NORMAL-48	48-Wire Normal Jumper
382811-2	Programmable Series Shunts (Red)
382811-9	Programmable Series Shunts (White)

Lacing Bars

LB-17500	6" Deep Lacing Bar
LB175-3	3" Deep Lacing Bar
LB-1900	19" Wide Rack-Rail Lacing Bar

Fax 818.500.7062

High-Performance Patching Systems



Our goal is to provide members of the broadcast, production, post-production and A/V industries with reliable highperformance patching systems. Perhaps the only thing that matches the quality of our products is the level of our service.

Comprehensive Product Line

This catalog contains the products and part numbers most frequently requested by our customers. Please understand this is a partial list only, and that we have hundreds of products not listed that are also available.

If you have a special request, please call your Bittree Sales Consultant. Because we design, manufacture and test all our products right here in our facility, we can produce a wide range of configurations quickly, efficiently and cost-effectively.

To find out about other Bittree products and accessories, just call your Bittree Sales Consultant.

Special Services for System Designers and System Integrators

We offer special services to system designers and integrators. If you're a system designer, we'll work with you to develop your proposals. We'll provide you with fast, complete quotes, web-based CAD files, wiring schematics, and other valuable forms of documentation. At Bittree, we'll work hard to help you win your project.

If you're a system integrator, you're just as important to Bittree. We'll provide you with all the instructions, diagrams and programming notes you'll need to build the project quickly, efficiently and at a profit. Plus, you can count on us to quickly deliver any revised or additional product that may be needed due to last-minute design changes.

Convenient Opportunities to Review Our Products

Bittree exhibits at all the major broadcasting and electronics tradeshows. Each year you'll find us at National Association of Broadcasters (NAB); National Systems Contractors Association (NSCA); International Communications Industry Association (InfoComm); and Sound, Motion Picture, Television Engineers (SMPTE). For complementary passes to these shows, visit www.bittree.com. We encourage you to visit our booth and meet our Sales Consultants. We'll be glad to show you our products, explain our systems, and advise you on developing the most efficient and cost-effective patching solution.

Expanded, Interactive Web Site

The new Bittree.com web site can help make your system designs better, your installations smoother, your documentation easier – and your projects more profitable.

Our newly expanded web site contains list pricing, product overviews, product features, technical specs, installation drawings, rack elevation CAD files, normal/ground schematics, front/rear panel drawings and programming instructions.

You'll also find the new Patchcord Store at Bittree.com, where you can order patchcords, tools and accessories at 15% discounts and request overnight delivery. For more information on Bittree.com, see page 39.



