

Connections

- POWER:** Accepts power from an external AC Adapter with a 5.5mm/2.1mm barrel connector. See *Power Requirements* for more information.
- MIDI IN:** 7pin DIN connector that receives MIDI information from an external source (such as a MIDI footcontroller) which transmits MIDI commands.
- MIDI THRU:** 7pin DIN connector that passes on the MIDI information which is received at the **MIDI IN** jack to other MIDI devices.
- TO AMP (x2):** 8pin DIN connectors that are used to provide remote switching of an amplifier's functions via the supplied amplifier-specific cable. *Please note that these two connectors are wired in parallel and are therefore identical. The ONLY time both connectors can be used at the same time is when controlling an amp that has two footswitch jacks such as the Rivera M and S series of amplifiers...*

Basic Operation

Connect the MIDI IN, MIDI THRU (if necessary) and the TO AMP jack(s) to the amplifier to be controlled, followed by power last, as described in the *Connections* section.

On power-up the LED will flash twice to indicate the internal microprocessor is functioning properly. The LED will then stay lit to indicate power is on and will flash once every time a valid MIDI message is received.

Program the MIDI footcontroller to transmit the appropriate MIDI Control Change messages as required by the AC8 to control your amplifier, see the *MIDI Implementation* section for more information.

Power Requirements



100mA@9.6VDC
Use Boss PSA Adapter Only
5.5mm/2.1mm Barrel Connector

Warranty

This product is warranted against failures due to defective parts or faulty workmanship for a period of one year after delivery to the original owner. During this one year period, Axess Electronics will make any necessary repairs without charge for parts and labor. However, shipping charges to and from the repair location must be paid by the owner.

This warranty applies only to the original owner and is not transferable.

This warranty does not cover damage to the product as a result from accident or misuse.

This warranty will be canceled at the sole discretion of Axess Electronics if the product has:

1. Any signs of tampering, unauthorized service, or modifications.
2. Any damage resulting from physical abuse or failure to follow the operating instructions.

Axess Electronics' liability to the owner and under this warranty is limited only to the repair or replacement of the defective product. Call or write to Axess Electronics prior to shipping the product for repair.

Axess Electronics reserves the right to make any changes and/or improvements to the design of this product without any obligation to include those changes in any previously manufactured units.

How To Reach Axess Electronics

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AC8

Amplifier Controller

- The **AC8 Amplifier Controller** allows MIDI control of amplifiers that have DIN/XLR or other multi-conductor footswitch connectors.
- The AC8 can perform up to eight functions such as - channel switching, boost(s) on/off, effects loop on/off, reverb on/off... via MIDI.
- The AC8 and 9' multi-conductor amp-specific cable(s) are sold separately.
- The AC8 is compatible with the following MIDI Footcontrollers - our FX1 & MFC5, the DMC Ground Control (old & Pro), the Custom Audio Electronics RS-10's, the Rocktron All Access and the Skrydstrup SC-1.
- A single LED indicates the AC8 is powered and flashes whenever a valid MIDI message is received.
- Powered by a 9VDC Adapter (like those from Boss) with a 5.5mm/2.1mm barrel connector.
- Housed in a compact (4.80" x 3.75" x 1.40") and rugged .064" thick aluminum enclosure for years of reliable use and performance.
- Brushed finish with black anodize coating and laser-engraved printing.

MIDI Implementation

Model & F/W: AC8
Version 2
Revision 3

MIDI Channel: 16 *Control Changes*
(Received)

Control Change: 88 - 95 *Latching*
(Received) 112 - 119 *Momentary*

Control Value 0 = Off
Control Value 127 = On

Notes:

1. The above Control Change messages are the ONLY messages that the AC8 receives and does something with, all others are ignored.

Each of the amplifiers that the AC8 can control uses some of the above messages, not all of them. So when using the AC8 to control your amplifier, make sure that ONLY the messages listed for your particular amplifier are transmitted by your footcontroller. Transmitting any of the other messages listed above can result in the AC8 switching something unexpectedly.

2. On power-up, all AC8 functions are off.

3. For DMC Ground Control users:

GCX#2 L1 - L8 Lat.'d = Control Change 88 - 95
GCX#2 L1 - L8 Mom. = Control Change 112 - 119

4. Control Value 0/Off is ignored for Control Changes 112 - 114 (Momentary).

Bogner Ecstasy 100B

Control Change: 91 Boost On/Off
92 FX Loop On/Off
112 Selects Channel 1
113 Selects Channel 2
114 Selects Channel 3

Bogner Ecstasy 101B

Control Change: 91 Standby On/Off
92 FX Loop On/Off
93 Boost 1 On/Off
94 Boost 2/3 On/Off
112 Selects Channel 1
113 Selects Channel 2
114 Selects Channel 3

Marshall AVT150/H & AVT275

Control Change: 88 AC. Sim.
89 Clean
90 Overdrive 1
91 Overdrive 2
92 Clean FX
93 Overdrive FX

Note: When selecting channels, only one of the four Control Change messages (88 – 91), the one for the channel you want activated, should have a Control Value of 127/On, the other three must have a Control Value of 0/Off.

Marshall Mode 4

Control Change: 88 Clean
89 Crunch
90 Overdrive 1
91 Overdrive 2
92 Solo
93 Digital FX

Note: When selecting channels, only one of the four Control Change messages (88 – 91), the one for the channel you want activated, should have a Control Value of 127/On, the other three must have a Control Value of 0/Off.

Rivera Bonehead (FS-8)

Control Change: 115 Boost 1 On/Off
116 Boost 2 On/Off
117 Boost 3 On/Off
118 FX Loop On/Off
112 Selects Channel 1
113 Selects Channel 2
114 Selects Channel 3