



SX-SERIES™

MODULAR

SPEAKER

SYSTEMS



75° X 60° HORN
w/ DHTZ COMPRESSION
DRIVER

LOW-FREQUENCY VENTED
HORN

VARIIPATH™
THROAT
GEOMETRY

938 mm

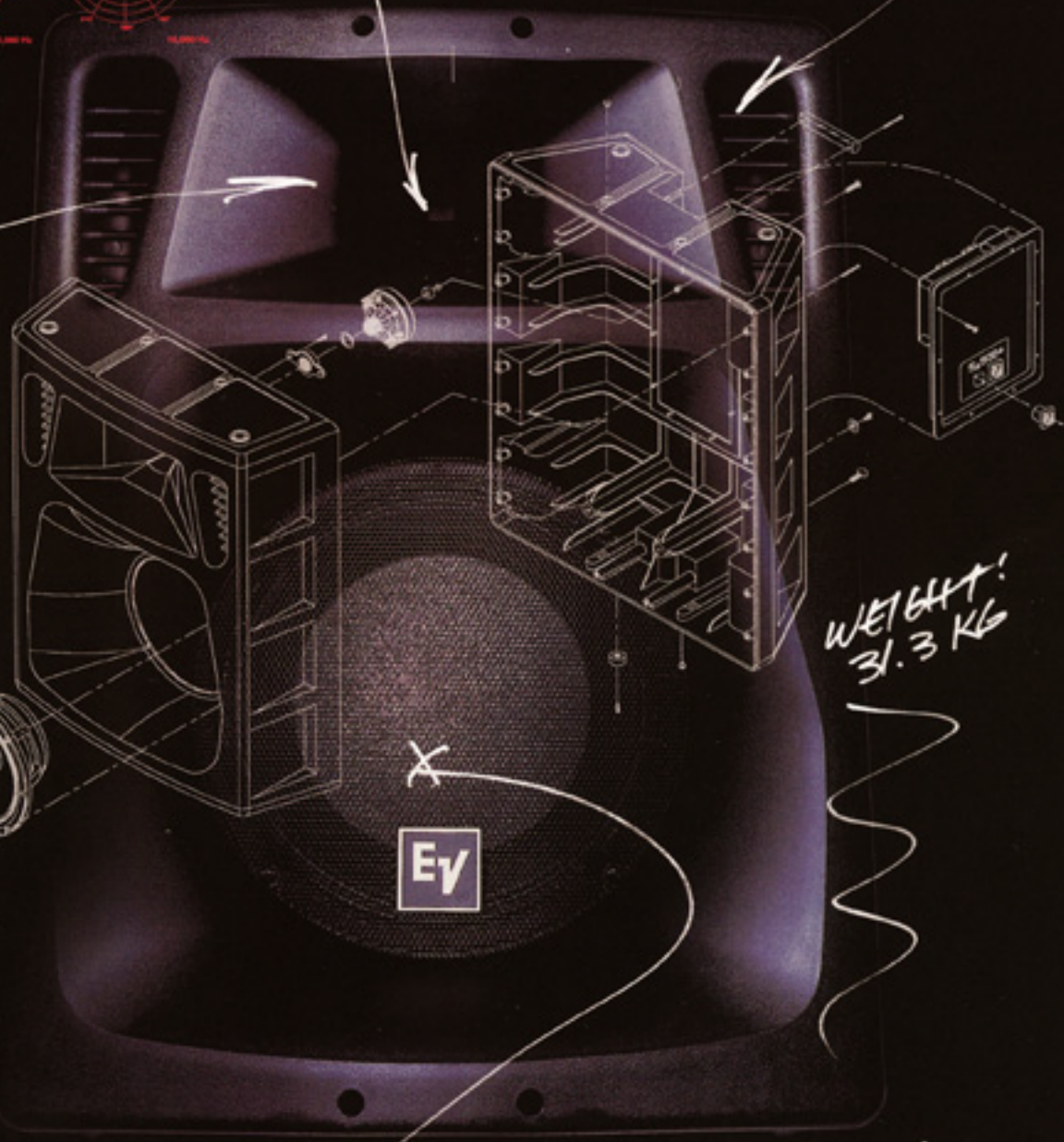
WEIGHT:
31.3 KG

EV

673 mm

15" CAST FRAME
WOOFER

POWER HANDLING: 400 WATTS



The Sx-Series™ speakers are the most versatile

For over seventy years, innovative Electro-Voice technologies have spanned the globe and beyond delivering unrivaled performance **lightweight, high-performance systems in the industry.**



to a wide

The state-of-the-art Sx-Series™ applies the superior sonic

variety of applications. EV's peerless technical staff, working in an advanced

clarity and dynamic performance of EV's industry standard

research and development center, consistently combines a



X-Array™ concert speakers to compact size cabinets, making

comprehensive understanding of sound with the creation of new materials

them the systems of choice for small to mid-size applications.

and manufacturing methods to keep EV products on the cutting edge.

Five core models with numerous versions and accessories

From NASA's moon and space station missions to the recent



fit many applications. Innovation. Performance. Versatility.

Rolling Stones' world concert tour employing the thunderous power of the

These hallmarks of all EV products are built into the EV

awesome X-Array™ speaker systems, EV products are invariably



Sx-Series™ speaker systems.

at the forefront of audio advancement.

Performance



Sx-Series™ The Electro-Voice Sx-Series™ carries

on the tradition of unrivaled sonic performance built into all EV products. Through exclusive EV manufacturing processes and quality control measures, the Sx-Series™ far surpass normal industry built standards. For musicians, DJs, performers and presenters in clubs, smaller auditoriums, churches, theaters and even PA applications such as stadiums and arenas. Clients such as the prestigious Sundance Film Festival, using Sx100 systems, and ShoWest® using Sx300 systems, have relied on the Sx-Series™ to bring high quality sound to the best Hollywood has to offer.

Ring-Mode Decoupling (RMD®) RMD® gives the Sx-Series™ precise speaker intelligibility and true dynamic integrity independent of volume levels by virtually eliminating distortion caused by spurious component vibrations. From source to audience, the Sx-Series™ offers crystal clear performance levels. The House of Blues in Las Vegas depends on Sx clarity for their state-of-the-art House of Blues Foundation Media Room for 5.1 surround sound applications employing both Sx80 and Sx300 systems.

The Sum of Its Parts EV engineers have researched and created the precise driver, horn and woofer combinations for each Sx-Series™ speaker system. Pure titanium-diaphragm compression drivers with Time Path phase plug and Resonant Drive® technology are coupled to EV-exclusive Constant-Directivity HF horns with VariPath® throat geometry for silky smooth, extended response, plus detailed and accurate highs. Sx-Series™ woofers were developed to complement the performance of the high-frequency section. Sx-Series™ woofers use new cone material with very extremely high internal damping for suppression of unwanted resonances and feature beryllium-copper lead wires, low-mass, edge-wound voice coils and cast-frame aluminum frames for the highest sound quality and rock-solid reliability. And the performance of the Sx-Series™ speakers is protected with EV's proprietary PRO® circuit that prevents the compression driver from being damaged if a dangerous condition occurs. Only Electro-Voice can bring these ground-breaking technologies to a lightweight speaker system.



EV's exclusive Ring-Mode Decoupling (RMD®), the same technology that gives the EV X-Array™ concert touring series its incredibly clean and powerful performance, has been applied to all Sx-Series™ cabinets and components.



EV cast-frame woofers have heavy-duty, powerful magnet structures for excellent bass response.

15 inch 2-way Speaker

Exclusive VariPath™ Geometry

Compression Driver Assembly

Anechoic Chamber Research



versatility



The term versatility is testament to the inherent design considerations of the Sx-Series™. A high-performance Sx cabinet using wall mount accessories can cover an audience. The same cabinet using adapter hardware becomes an unbeatable low-profile stage monitor for a rock band. But the best testimonials to the performance and versatility of the EV Sx-Series™ are the places it is used.

Many prestigious, demanding venues that would typically use larger, more expensive speakers have chosen Sx-Series™. Music at "The Outer Limits" in Nashville, Tenn., comes to life with Sx500+ cabinets. At Notre Dame's newly remodeled stadium in northern Indiana, known for its severe winter weather, the Sx-Series™ delivers game-day coverage to 80,000 Fighting Irish fans. The Sx-Series™ is designed to meet the needs of both **musicians and audio engineers** by offering adjustable stand mounts and stacking footprints built in to service various portable setups.

Comfortable carrying handles assist in moving Sx systems from job to job. Industry standard rigging and hanging accessories accommodate any application from concert sound to a local church. To satisfy the demands of professional installations, the Sx full-range systems are available in **weather-resistant packages** with or without transformers. The ultracompact Sx300, Sx80 and Sx100+ are available in black or white to match any installation décor. Now that's versatility. It's clear that from a flight to the moon to a gig on the road, EV innovation, performance and versatility take you into the new millennium with the Sx-Series™.



All the accessories are available for hanging multiple systems and building arrays to increase output capability.



Sx enclosures feature built-in rubber feet and molded-in receptors for perfectly aligned stacking of speaker systems.

Preformed Stacking Footprint

Easy, Comfortable Handles

Matching White Grille & Box

Built-In Stand Mount Socket





Sx500+



Sx500+PI



Sx500+PIX



Sx300



Sx300W



Sx300PI



Sx300PIX



Sx100+



Sx100+W



Sb121



Sx80



Sx80PI



Sx80PIX



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 Australia Unit 23, Slough Business Estate, Silverwater N.S.W. 2128, Australia, Phone: 011-61/2-9648-3455, FAX: 011-61/2-9648-5585
 Hong Kong Unit E & F, 21/F, Luk Hop Industrial Bldg., 8 Luk Hop St., San Po Kong, Kowloon, Hong Kong, Phone: 011-852-2351-3329, FAX: 011-852-2351-3329
 Japan 2-5-80 Izumi, Suginami-ku, Tokyo, Japan 168, Phone: 011-81-3-3325-7900, FAX: 011-81-3-3325-7789

For warranty repair or service information, contact the service repair department at: 616/695-6831 or 800/685-2696.

For technical assistance, contact Technical Support at 800/234-6831 or 616/695-6831, M-F, 8:00 a.m. to 5:00 p.m. EST.

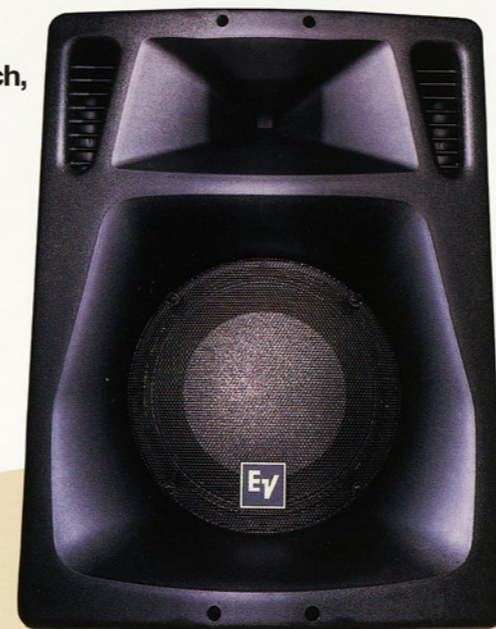
Please refer to the Engineering Data Sheet for warranty information. Specifications subject to change without notice.



EVERYWHERE™ Sx-SERIES™

Sx500+

Large-Format, Biampable 15-inch,
Two-Way Speaker System



Sx500+PI features weather-resistant treatment and full-face grille. The Sx500+PIX adds a 70.7/100-volt, 100-watt transformer.

The revolutionary speaker system that boasts a superior EV woofer, prodigious enclosure volume and performance-enhancing RMD® technology. The Sx500+ has a vented horn low-frequency section, solid bass performance, and very high output capability. The asymmetrically oriented LF and HF horns tilt downward 10° to minimize reflections from the ceiling of the room and deliver the sound directly to the audience. The DH2T compression driver and 75° x 60° horn have extended response and very low distortion. The biampable 15-inch, two-way system raises fidelity to a new constant level. Durable and easy to carry, the Sx500+ performs anywhere.

Specifications:	
Frequency Response	(-3 dB/-10 dB) 60-18,000 Hz/43-18,000 Hz
Power Handling (long/short-term)	400 watts/1,600 watts
Sensitivity	100 dB
Output @ 1M (continuous/peak)	126 dB/132 dB
Dispersion	75° x 60°
Box Tuning Frequency	44 Hz
Crossover Frequency	1,600 Hz
Impedance (nominal)	8 ohms
Dimensions, (H/W/D)	838 mm x 673 mm x 448 mm (33.0 in. x 26.5 in. x 17.63 in.)
Net Weight/Shipping Weight	31.3 kg (69 lb.)/35.0 kg (77 lb.)

Sx300

The World's Best Compact
High-Power Speaker System



Sx300W has a durable white polypropylene finish.



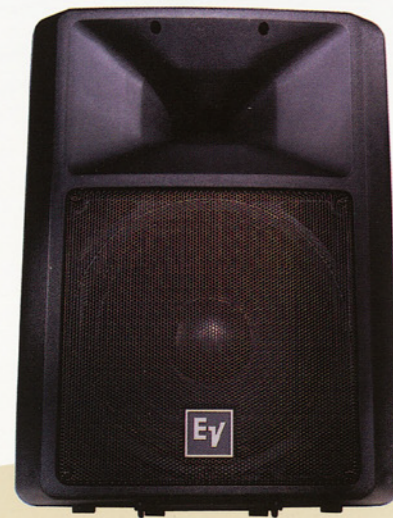
The Sx300PI features a weather-resistant treatment and full-face grille. The Sx300PIX adds a 70.7/100-volt, 100-watt transformer.

One of the most widely used speakers in professional audio because of its unequalled sound quality and high output capability, the Sx300 system is designed so that it can be easily carried in one hand. The 12-inch, two-way system, with RMD® and EV components, has replaced larger, more expensive speaker systems in churches, stadiums and clubs all over the world. The Sx300's 65° x 65° constant-directivity horn permits horizontal or vertical speaker positioning without changing coverage. Also available with a built-in 300-watt continuous/600-watt peak power amplifier (Sx300a).

Specifications:	
Frequency Response	(-3 dB/-10 dB) 80-25,000 Hz/55-25,000 Hz
Power Handling (long/short term)	300 watts/1,200 watts
Sensitivity	100 dB
Output @ 1 M (continuous/peak)	125 dB/131 dB
Dispersion	65° x 65°
Box Tuning Frequency	65 Hz
Crossover Frequency	1,500 Hz
Impedance (nominal)	8 ohms
Dimensions, H/W/D	586 mm x 429 mm x 312 mm (23.1 in. x 16.9 in. x 12.3 in.)
Net Weight/Shipping Weight	17.7 kg (39 lb.)/19.1 kg (42 lb.)
Net Weight/Shipping Weight Sx300a	21.3 kg (47 lb.)/22.6 kg (49.9 lb.)

Sx100+

Affordable Compact
High-Performance
Speaker System



The Sx100+W features a white polypropylene finish.

The Sx100+ fits a multitude of audio applications that require good sound quality and flexibility, but don't need the additional output capability and ruggedness of the Sx300. With exclusive RMD® technology, flexible features and precision EV components, the Sx100+ is the professional's choice for a wide range of audio jobs. With its excellent performance and solid reliability, the Sx100+ easily qualifies as the best value in audio performance.

Specifications:	
Frequency Response	(-3 dB/-10 dB) 80-25,000 Hz/55-25,000 Hz
Power Handling (long/short-term)	200 watts/800 watts
Sensitivity	98 dB
Output @ 1 M (continuous/peak)	122 dB/127 dB
Dispersion	65° x 65°
Box Tuning Frequency	65 Hz
Crossover Frequency	1,500 Hz
Impedance (nominal)	8 ohms
Dimensions, (H/W/D)	586 mm x 429 mm x 312 mm (23.1 in. x 16.9 in. x 12.3 in.)
Net Weight/Shipping Weight	17.7 kg (32 lb.)/19.1 kg (42 lb.)

Sx80

The Compact Speaker
with Gigantic Sound



The Sx80PI features a weather-resistant treatment and full-face grille. The Sx80PIX adds a 70.7/100-volt, 60-watt transformer.

The Sx80W has a durable white polypropylene finish.

The Sx80 is a compact 8-inch, two-way speaker system with an unbeatable combination of sound quality, acoustic output, flexibility and small size. Applications for the Sx80 abound from portable sound systems and karaoke to distributed systems for churches, restaurants or theatres. The Sx80 is beautifully balanced and is superb for voice or music reproduction. For wider bandwidth, higher impact sound systems, the Sx80 can be combined with the Sb121 or the Sb121a (amplified) bass modules for a high output sound system that is light, compact and unobtrusive. Inch for inch, the EV Sx80 is the compact speaker with gigantic sound.

Specifications:	
Frequency Response	70-20,000 Hz + 3 dB
Power Handling, (long/short term)	175 watts/700 watts
Sensitivity	92 dB (1 watt/1 meter)
Output @ 1 M (continuous/peak)	114.5 dB/120.5 dB
Coverage (H x V):	90° x 65°
Impedance (nominal)	8 ohms
Dimensions, (H/W/D)	400 mm x 292 mm x 222 mm (15.75 in. x 11.5 in. x 8.75 in.)
Net Weight/Shipping Weight	7.3 kg (16 lb.)/8.18 kg (18 lb.)

Sb121

Compact Bass Module



The Sb121 is the easiest, lightest way to add solid, chest-thumping bass to your audio system. The Sb121 combines decades of EV leadership in transducers and experience in building lightweight enclosures. Its specially developed 12-inch woofer has exceptionally high peak excursion capability to move an incredible amount of air from the same size enclosure as other 12-inch Sx models. The improvement in bass performance can be heard and felt. For system packaging flexibility, the Sb121 is also available with a built-in 300-watt continuous/600-watt peak power amplifier.

Specifications:	
Frequency Response	(-3 dB/-10 dB) 50-500 Hz/43-500 Hz
Power Handling (long/short-term)	300 watts/1,200 watts
Sensitivity	95 dB
Output @ 1 M (continuous/short-term)	120 dB/126 dB
Box Tuning Frequency	60 Hz
Impedance (nominal)	8 ohms
Dimensions, (H/W/D)	586 mm x 429 mm x 312 mm (23.1 in. x 16.9 in. x 12.3 in.)
Net Weight/Shipping Weight	14.6 kg (32.2 lb.)/16.0 kg (35.3 lb.)
Net Weight/Shipping Weight Sb121a	21.3 kg (42 lb.)/22.6 kg (45.9 lb.)

Sx Accessories

Mb100

Eyebolt kit for suspending single Sx100+, Sx300, Sx300a and Sb121 speaker systems.

Mb200

Wall/ceiling bracket encompasses top and bottom of enclosure for suspending Sx100+, Sb121, Sx300, Sx300a systems. Use multiple Mb200 kits for hanging multiple systems and for arraying. Also available in white (Mb200W).



100BK

Speaker stand for quick setups. All Sx series enclosures include a built-in stand socket for stand mounting.



Mb300

Horizontal array kit for side-by-side arraying of Sb121, Sb121a, Sx100+, Sx300 or Sx300a.





Mb700
Eyebolt kit for suspending
single Sx500+ speaker system.

Mb500 and Mb600
Multiple Mb500 U-bracket
kits support the system
enclosure, along with
Mb600 horizontal array kits
for side-by-side arraying of
two Sx500+ systems (shown).



Mb500
Mb500 wall/ceiling
U-bracket kit is
shown with Sx500+
speaker system. Includes
additional holes to allow
easy, flexible suspension.

VPCSx
Heavy-duty vinyl
cover for Sx100+,
Sb121, Sb121a,
Sx300 and Sx300a.

PD500
Heavy-duty padded
case for Sx500+
speaker system.

VPC500
Heavy-duty vinyl
cover for Sx500+
speaker system.

F200
Adapter hardware for
use as low-profile stage
monitor. Monitor feet
attachments fit easily
onto the Sx100+ and
Sx300 systems.

