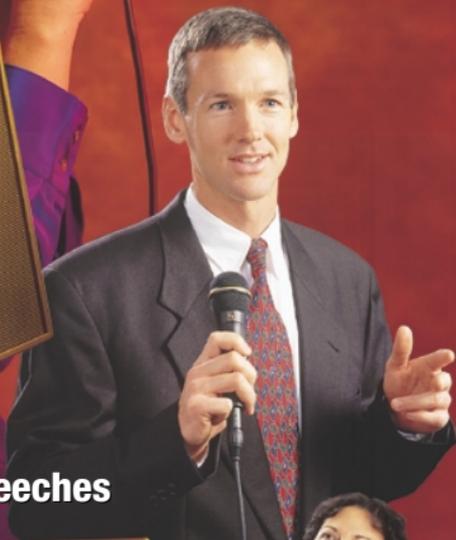
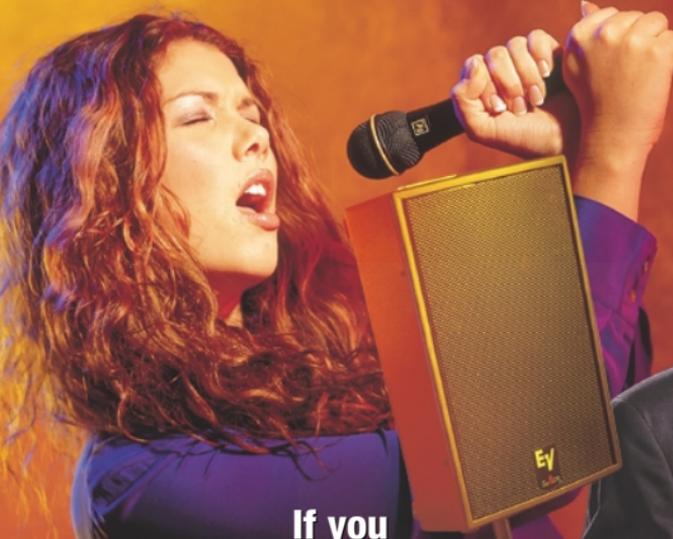




# *SxA Loudspeakers*

*SxA100, SxA250, and SxA180* powered loudspeakers



If you  
perform music  
give speeches  
spin disks  
or sing praises



you belong  
to the  family



# The power to reach your audience.



Musicians, MBAs, ministers — anyone who stands before an audience depends on a sound system to excite, to motivate, to inspire. That's why we developed a family of powered loudspeakers that anyone can use: Electro-Voice® SxA100 and SxA250 full-range powered speakers, and the SxA180 powered subwoofer.

Everything you need for high-quality sound reinforcement is packed into these self-contained, easy-to-transport-and-set-up systems. There's no separate amplifier rack, no complicated wiring. The SxA100 and 250 full-range speakers include built-in two-channel mixers with mic and line inputs and two-band EQ. Just connect the SxA™ speakers (if you're using more than one), plug in the power, plug in a microphone and maybe a CD player or keyboard, and you're good to go. Whether you're a band on tour, or a salesperson making a presentation, SxA power loudspeakers make it easy to sound your best.



## SxA for DJs

SxA powered loudspeakers provide the energy and excitement that dance grooves need, with plenty of power and clarity to cut through crowd noise. Add the SxA180 powered subwoofer to your system for the classic Electro-Voice thundering bass that gets the whole room shakin'. For DJs, the SxA250 is the way to go for rounder, fatter sound and higher output. All SxA systems are easy to setup, tear down, and load out. Convenient pole mounting of the two-ways above the SxA180 sub eliminates the need for separate speaker stands. The SxA family is amazingly compact for a system that sounds so big.



## SxA for musicians

No matter what kind of music you play, there's an SxA system that's perfect for what you do.

The range, clarity, and projection of SxA powered loudspeakers ensure that the audience hears every note, every nuance of your performance. SxA100 is superb for solo gigs in small-to-medium rooms when you just need reinforcement for your voice, acoustic guitar, or keyboard. For more volume, and warmer, richer lows, you'll want the SxA250. You can always turn an SxA100 or SxA250 on its side as a self-powered floor monitor. And when you play bigger gigs, add the SxA180 powered subwoofer for chest-pounding bass that fills the space with full-impact sound. With so many uses, you'll never outgrow your SxA powered loudspeakers.



## SxA for sound reinforcement and A/V

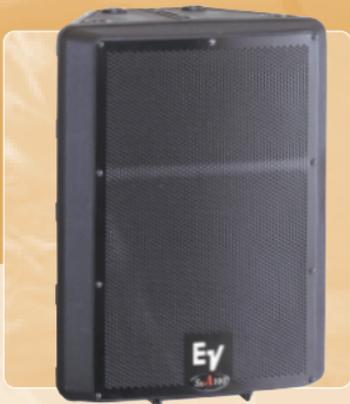
Sound reinforcement can throw all kinds of different situations at you: a sales presentation in a low-ceiling meeting room, bingo in a church basement, a wedding reception under an outdoor tent. SxA powered loudspeakers have the flexibility to work in all these venues and many more. Thanks to the SxA family's versatile mounting and flying options, and room-filling performance, your audience won't miss a thing. And legendary EV® reliability means years of trouble-free operation and happy customers.



Versatile SxA full-range speakers make excellent floor and sidefill monitors — with amps built in.

# The audio quality to deliver your best performance.

We put a lot of thought into the design, features, and performance of SxA™ powered loudspeakers. Each one is a precisely matched combination of our own lightweight, powerful amplifiers; well-designed, efficient Electro-Voice® speaker components; and rugged, roadworthy enclosures. The carefully balanced SxA combination of components, electronics, and enclosures delivers full, rich sound, incredible flexibility, and high acoustic output. The ease-of-use, convenience, and durability of SxA powered loudspeakers easily blow away the competition.



## SxA100

### 12-inch, full-range powered loudspeaker

Pound for pound, inch for inch, SxA100 is the most versatile powered speaker available. Its 12-inch woofer is perfect at reproducing voices and instruments like guitars and horns. SxA100 has the most compact enclosure of any professional, full-range powered speaker — goes anywhere for performances, presentations, or parties. Large HF horn with 65° x 65° pattern gives SxA100 tremendous projection capability in horizontal or vertical use. TimePath™ phase plug allows response to 25 kHz.

- Polypropylene structural foam enclosure is extremely strong, yet light.
- Includes F200 adapters for use as a powered floor monitor, and stand adapter for pole mounting. Can be flown and arrayed using optional Mb Series hardware.
- Dynamic 350-watt LF and 80-watt HF amplifiers deliver 124 dB maximum output capability.

*Two SxA100s (shown in their optional SxZB tote bags) easily fit in the trunk of a car. The tote bags have extra room for audio and power cables.*



## SxA250

### 15-inch, full-range biamped loudspeaker

A concert-quality speaker disguised as a 49-lb powered system. SxA250 delivers superb music reproduction with premium EV® components, including a cast frame DL 15-inch woofer for higher output and warmer lows. Its multi-angle enclosure makes SxA250 more versatile, perfect as a floor monitor, or horizontally oriented as a FOH system. The 80° x 55° CD horn gives SxA250 wide coverage, yet provides better control and longer throw than competitive systems.

- Tour-grade 18 mm plywood enclosure with Futura™ finish that's resistant to dings, and damage, and the effects of weather.
- Handles on top and side of enclosure for easier lifting regardless of orientation. Built-in stand adapter for pole mounting.
- Optional SK1 kit for safe overhead suspension.
- Dynamic 350-watt LF and 80-watt HF amplifiers deliver 126 dB output capability.



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*When your gig is done, just take the SxA full-range off its mounting pole...*

*...pack the pole and your cables in the SxA180 storage compartment.*

The versatility to fit any application.



## SxA180

18-inch, biamped subwoofer

A direct-radiating, 18-inch Electro-Voice® DL18MT woofer — the same driver that has toured the world in EV concert systems — pushed by 650 dynamic watts delivers legendary, floor-shaking EV bass. While 18-inch subs aren't light and compact, the SxA180 is easy to move thanks to its removable transport dolly.

- Tour-grade 18 mm plywood enclosure with Futura™ finish that's resistant to dings, and damage, and the effects of weather.
- Included 34-inch pole allows mounting of SxA100/250 above the 180 sub, eliminating the need for separate speaker stands.
- Transport dolly covers large storage compartment with ample room for mounting pole, cables, and other accessories.
- Variable active crossover with 24-dB-per-octave filters. Filtered high-pass line output feeds full-range speakers for louder, cleaner sound.



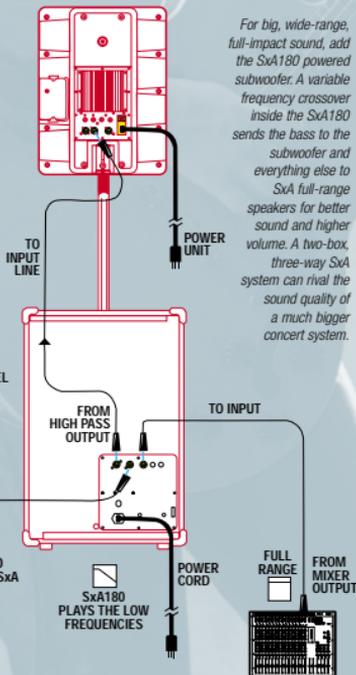
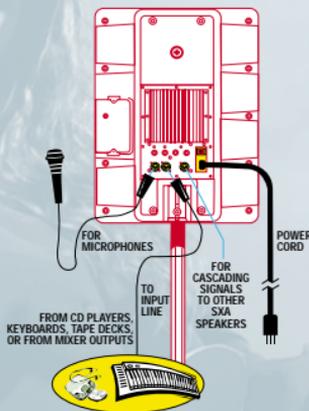
...attach the SxA180 back panel/transport dolly...

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...then roll everything away. Who needs roadies?

Even in simple setups, you can mix a microphone and a line input (cassette, CD player, instrument, computer sound card, etc.) Need more sound to cover a large area? Just cascade the signal to additional SxA speakers.



For big, wide-range, full-impact sound, add the SxA180 powered subwoofer. A variable frequency crossover inside the SxA180 sends the bass to the subwoofer and everything else to SxA full-range speakers for better sound and higher volume. A two-box, three-way SxA system can rival the sound quality of a much bigger concert system.



## Only Electro-Voice® builds powered loudspeakers this good.

What sets the SxA™ family above all other powered loudspeakers is the name on the box: Electro-Voice®

Professionals know, use, and trust their sound to EV®. We've been building loudspeakers for 75 years, and amplifiers for more than 50 years. Only Electro-Voice can put all that innovation and experience together to build powered speakers that work so well in so many different applications.

### Innovative thinking...

Electro-Voice has a long track record of important loudspeaker innovations. While other speaker manufacturers ramble on and on about their products, just remember that a lot of the technology they use was invented by Electro-Voice.

For example: Other speaker manufacturers often talk about their "constant-directivity" or "CD" horns. Electro-Voice *invented and patented* CD horns and ours do the job right, accurately spreading the full range of music and speech across their coverage pattern. Most manufacturers still haven't caught up with other Electro-Voice "firsts" such as flat-wire voice coils, pure titanium compression driver diaphragms, and equalized crossover networks.

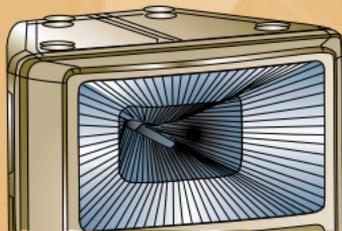


*Electro-Voice is one of the world's largest manufacturers of premium loudspeaker components.*

### ...in every product

Electro-Voice also sparked a revolution in loudspeaker design more than 25 years ago when we created the pro audio industry's first lightweight, high-output speakers. Today, more than a million EV® lightweight speakers are used around the world, many in places you wouldn't expect such as Notre Dame Stadium, Broadway theaters, and large churches. Nobody has more experience with professional lightweight speakers than Electro-Voice.

SxA™ powered loudspeakers are the newest members of our highly successful line of Sx Series™ lightweight speakers. Like the Sx Series, SxA powered loudspeakers demonstrate that we don't just reserve our best innovations for our most expensive concert systems. When the name Electro-Voice is on the box, you know you're getting the best in the business.



*Electro-Voice Constant-directivity horns maintain their coverage patterns throughout their frequency range. Other CD horns often collapse coverage in the vertical plane at high frequencies.*



## SxA technical specifications



### SxA100



### SxA250



### SxA180

Frequency response (-10 dB):	65 Hz - 20 kHz	55 Hz - 20 kHz
Maximum SPL:	124 dB	126 dB
Coverage:	65° horizontal, 65° vertical	80° horizontal, 55° vertical
LF amplifier power:	350 W 10 ms burst, 150 W continuous	350 W 10 ms burst, 150 W continuous
HF amplifier power:	80 W 10 ms burst, 50 W continuous	80 W 10 ms burst, 50 W continuous
Mic input sensitivity:	-35 dBu to 0 dBu for full output	-35 dBu to 0 dBu for full output
Line input sensitivity:	-12 dBu to 0 dBu for full output	-12 dBu to 0 dBu for full output
LF transducer:	12" (300mm)	15" (381mm) DL15BFH
HF transducer:	1.25" (31.75mm) compression driver	1.25" (31.75mm) compression driver
Connectors:		
Balanced mic, line inputs:	XLR, XLR+1/4" phone combo	XLR, XLR+1/4" phone combo
Balanced output:	XLR	XLR
Equalization:	Shelving: LF $\pm 6$ dB @ 140 Hz HF $\pm 4$ dB @ 5 kHz	Shelving: LF $\pm 6$ dB @ 140 Hz HF $\pm 4$ dB @ 5 kHz
Power requirement:	110-130 VAC, 50-60 Hz, or 220-240 VAC, 50-60 Hz	110-130 VAC, 50-60 Hz, or 220-240 VAC, 50-60 Hz
Enclosure material:	Polypropylene structural foam	18mm plywood
Grille:	Powder-coated steel with foam backing	Powder-coated steel with fiber backing
Dimensions (H x W x D):	23.1" x 16.9" x 12.3" (588mm x 429mm x 312mm)	24.6" x 17.2" x 13.1" (625mm x 437mm x 333mm)
Net weight (each):	43 lbs (19.5 kg)	49 lbs (22.2 kg)
Shipping weight:	47 lbs (21.3 kg)	53 lbs (24.0 kg)

Frequency response (-10 dB):	38 Hz - 120 Hz
Maximum SPL:	126 dB
LF amplifier power:	650 W 50 ms burst, 300 W continuous
Line input sensitivity:	-12 dBu to 0 dBu for full output
LF transducer:	18" (450mm) DL18MT
Voice coil diameter:	2.5" (63.5mm)
Connectors:	
Line input:	XLR
Balanced output:	XLR
High-pass balanced output:	XLR
Power requirement:	110-130 VAC, 50-60 Hz, or 220-240 VAC, 50-60 Hz
Enclosure material:	18mm Plywood
Grille:	Powder-coated steel with foam backing
Dimensions (H x W x D):	31.5" x 21" x 23.5" (800mm x 533mm x 596mm)
Net weight (each):	98 lbs (44.5 kg)
Shipping weight:	102 lbs (46.3 kg)



### The ins and outs of SxA powered loudspeakers.



### Why they sound so darn good: SxA technical notes

SxA two-way powered loudspeakers borrow a key technology from Electro-Voice® concert systems: our exclusive Ring-Mode Decoupling (RMD™) technology. RMD identifies and dampens acoustic and mechanical resonances that would color the sound. The result is pure vocal reproduction and the smoothest, most detailed mids available. Thanks to RMD, the sound quality doesn't change at different listening levels.

High-current amplifiers with beefy power supplies are perfectly matched to each SxA driver. "Over-easy" limiters built into each SxA speaker prevent amp clipping from damaging the drivers, and preserve the spectral balance of your sound—even when pushed hard. The amps contain 24-dB-per-octave Linkwitz-Riley crossovers and customized signal processing to make the speakers sound their best.

SxA100 and SxA250 reproduce high frequencies with the Electro-Voice® DH2010a, one of the best sounding and most reliable drivers available. This pure titanium driver is coupled to our TimePath™ phase plug for smooth, extended HF response. Both SxA100 and SxA250 have narrower-than-typical coverage to control room surface reflections and to throw their sound farther, improving intelligibility at the back of the room.

With their intelligent design and well-integrated components and amplifiers, the SxA family of powered loudspeakers deliver beautifully balanced sound in real-world applications.



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