

EV—PROFESSIONAL MUSIC PRODUCTS



SONIC REVOLUTION

INNOVATION • PERFORMANCE • VERSATILITY • VALUE



INNOVATION

EV DYNAMICS

WORK ON THE EDGE. PLAY ON THE EDGE. LIVE ON THE EDGE. FOR SOUND PROFESSIONALS, EV HAS DELIVERED CUTTING-EDGE AUDIO TECHNOLOGIES FOR OVER 70 YEARS. FROM NASA SPACE FLIGHTS TO HOUSES OF WORSHIP TO GARAGE REHEARSALS, EV HAS OUTFITTED VIRTUALLY EVERY AUDIO APPLICATION IMAGINABLE. IN SHORT, WE ARE THE FLAGBEARERS OF A SONIC REVOLUTION.

OUR UNWAVERING COMMITMENT TO INNOVATION, PERFORMANCE, VERSATILITY AND VALUE IS WHAT SETS US APART. THESE ARE THE DYNAMICS OF EV.

Innovation

We've changed the way people hear and experience music. EV was the first to offer N/DYM® technology in microphones and we're the only company to offer ClearScan™ for superb wireless mic delivery. Our Vocal-Optimized Bass (VOB™) ensures maximum vocal clarity. And for optimal sound output, every EV speaker from the X-Array™ concert system to the Force® Series features our Ring-Mode Decoupling (RMD™) technology.

Performance

JEWEL. THE ROLLING STONES. VANS® WARPED TOUR. These are only a few of the demanding and discerning performers who have used EV as the cornerstone of their tours. Trusted by chart-busters and die-hards alike for flawless performance and dependability, just imagine what EV's products can do for you!

Versatility

From sound check to encore, the compatibility of EV microphones, speakers, mixers and power amps offers durability, confidence, ergonomics and style, whether you're outfitting a professional studio, a world tour, a house of worship or a neighborhood block party.

Value

At EV, it is our ethos that the sound equipment you need should withstand the rigors of performance and the scrutiny of your listeners. We carry this belief to engineering and manufacturing professional sound equipment that possesses best-in-class technology regardless of the product's cost. The same innovation and care put into our most expensive systems is also part of our most affordable systems. Bottom line: When you choose EV, you're getting the most money can buy.

IF YOU WORK, PLAY AND LIVE FOR THE LATEST IN SOUND TECHNOLOGIES, EXPERIENCE THE CUTTING-EDGE INNOVATION, PERFORMANCE, VERSATILITY AND VALUE OF EV.

PERFORMANCE • VERSATILITY • VALUE

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N/DYM® WIRED MICS

**THE NEW N/DYM® SERIES OF WIRED MICROPHONES—
SETTING THE STANDARD IN PERFORMANCE.**

EV was the first to use a neodymium-based magnet structure in a microphone and the only manufacturer to offer VOB™ (Vocal-Optimized Bass) technology. With these revolutionary technologies you'll hear every note and every word without the "muddiness" common in other models. EV N/DYM® mics offer a clear vocal sound that "cuts through the mix" and when used to mic acoustic or electric instruments you'll be amazed at the natural sound.

In the studio or on the road these rugged microphones out-perform any mic in their class.



N/D767a

N/D767a

The N/D767a is the singer and engineers' first choice for outstanding vocal clarity in any live performance application. With low handling noise and VOB™ technology, the N/D767a sounds more like a condenser microphone allowing clarity through all frequencies, reducing boominess and P-popping associated with other dynamic mics in its class.



N/D267a

N/D267a/as

The N/D267a & N/D267as are tuned for high-quality vocal performance, especially in live sound applications. EV's VOB™ technology provides the N/D267a & N/D267as with clear consistent sound without low-end distortion found in competitive microphones.



N/D267as



N/D167

N/D478

The N/D478 is the latest addition to the N/DYM® line. Use it in any situation. Whether you want to mic drums, percussion or guitar amplifiers, this “workhorse” will deliver. With the integration of EV’s VOB™ technology, the N/D478 also doubles as an excellent microphone for vocal performance.



N/D868

The N/D868 was designed specifically to make the kick drum move the music. Whether in the studio or on the road, the durable, steel-constructed N/D868 gives the engineer and drummer the “sound” they’ve been looking for. The extended low-frequency response will tighten up any live or studio mix usually without additional EQ.

N/D468

The rugged N/D468 was designed specifically for instruments. Its pivoting head insures the perfect placement when mixing horns, drums, acoustic and electric guitar. Even in the highest sound pressure level (SPL) situations the N/D468 provides smooth and accurate response allowing the instrument to sound natural in any live/studio mix.

N/D167

The N/D167 is your entry into the world of high-performance mics.



SPECIFICATIONS

	N/D767a	N/D267a N/D267as	N/D167	N/D478	N/D868	N/D468
Type	N/DYM® Dynamic	N/DYM® Dynamic	N/DYM® Dynamic	N/DYM® Dynamic	N/DYM® Dynamic	N/DYM® Dynamic
Frequency Response	35-22,000 Hz	45-15,000 Hz	50-12,000 Hz	45-15,000 Hz	20-10,000 Hz	30-22,000 Hz
Polar Pattern	Supercardioid	Cardioid	Cardioid	Cardioid	Cardioid Variant	Supercardioid
Power Level	-51.0 dB	-51.5 dB	-56.6 dB	-51.5 dB	-51.7 dB	-51.0 dB
Application	Premium Vocal	Lead/Backing Vocal	Entry Level N/DYM® Vocal	Percussion Guitars Vocals	Kick Drum Bass Amp	Brass, Drums Percussion Guitar amps

All models include black stand clamp and soft, zippered “gig” bag.

STUDIO MICS

IN JUST ABOUT EVERY STUDIO AND BROADCAST FACILITY AROUND THE WORLD YOU'LL FIND AN EV MICROPHONE.

Years ago EV created smooth "radio" sound with the RE20 and evolved to create microphones to fit every studio application. These mics are quiet, transparent and offer the studio engineer, voice talent and musician that perfect "tone" for today's demanding digital recording/broadcast environment.



RE20 Variable-D® Dynamic Cardioid

The sound of the RE20 has made it one of the most popular broadcast and voice-over microphones in the world. Its Variable-D® design and heavy-duty, internal P-pop/blast filter eliminates up-close bass boosting (proximity effect), creating that smooth "radio" sound. Features include a bass roll-off switch and an internal microphone element shock mount that reduces vibration-induced noise.



RE1000 Studio Condenser Microphone

The RE1000 offers excellent sound and very low noise. These qualities make the RE1000 perfect for any studio application, yet its functionality and durability on the concert stage have also confirmed its reputation for versatility. RE1000 incorporates a true condenser, high-voltage, externally biased transducer with exceptionally flat response and detailed, accurate transients which means whatever you put into it, you get out of it.

RE200 Instrument Condenser Microphone

For any critical digital recording application, the rugged RE200 faithfully delivers the true sound of any instrument. In the studio its externally biased true condenser design delivers better sensitivity, lower self-noise, lower distortion and an amazingly transparent sound.

RE27N/D Variable-D® N/DYM® Dynamic Cardioid

Like the RE20, the RE27N/D uses the Variable-D® concept to reduce up-close bass boosting (proximity effect) to maintain uniform low-frequency response at any distance. The RE27N/D also incorporates the N/DYM® technology that gives it even wider frequency-response and higher output. Features include three switchable filters: one high frequency, two low frequencies, and an internal blast/wind filter cover to prevent P-popping, breath sounds, or excessive sibilance.



SPECIFICATIONS

	RE20	RE27N/D	RE200	RE1000
Type	Variable-D® Dynamic	Variable-D® N/DYM® Dynamic	Condenser	True Condenser
Frequency Response	45-18,000 Hz	45-20,000 Hz	50-18,000 Hz	70-18,000 Hz
Polar Pattern	Cardioid	Cardioid	Cardioid	Supercardioid
Power Level	-57 dB	-51 dB	-39 dB	-39 dB
Application	Studio Vocal Kick Drum Brass	Studio Vocal Kick Drum Brass	Strings Overhead Choir Percussion	Studio Vocals Strings

PolarChoice™ Multi-Polar Podium Microphone

The first podium microphone with four polar pattern choices: omni, cardioid, supercardioid, and hypercardioid. "PolarChoice" technology assures maximum protection against system feedback and ambient background noise. Also, with its triple-layer windscreens and advanced circuitry, the PolarChoice™ guarantees ultra-low P-popping and high headroom. Regardless of which pattern you choose, the response will remain smooth, accurate and uniform—no need to change EQ settings. Available in either 12- or 18-inch gooseneck.

RE90P-12/RE90P-18 Unidirectional Podium Microphone

Acoustically designed for public address applications, the slim-profile podium microphone will pick up and reproduce sound naturally for either distant or close-up delivery. The RE90-12/RE90-18 mounts quickly to any lectern, pulpit or podium having the proper receptacle or install with the optional flange-mount and shock-mount kits. Choose between the 12-inch (RE90P-12) or 18-inch (RE90P-18) gooseneck which best suits your podium application.



SPECIFICATIONS

	PolarChoice™	RE16	RE90P-12/-18	RE90B/BW	RE90H/HW
Type	Condenser	Variable-D® Dynamic	Condenser	Condenser	Condenser
Frequency Response	75-15,000 Hz	80-15,000 Hz	70-15,000 Hz	80-15,000 Hz	75-15,000 Hz
Polar Pattern	Omni, Cardioid, Supercardioid, Hypercardioid (switchable)	Supercardioid	Cardioid	Semi-cardioid	Cardioid
Power Level	-44 dB	-55 dB	-43 dB	-33 dB	-30.4 dB
Application	Lectern/Podium	House of Worship Multipurpose Facilities Meeting Rooms, Hotels	Lectern/Podium	Surface-Mount Teleconferencing	Choir House of Worship Concert Halls

FIXED INSTALLATION MICS

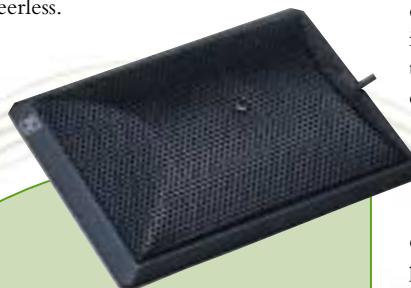
USING A MICROPHONE SHOULD BE EASY AND ENJOYABLE FOR EVERYONE.

EV's "microphones for permanent installation" are the most natural sounding microphones on the market for public speaking, teleconferencing and other applications where a mic should be heard but not seen.

Ergonomically and architecturally designed, these microphones will pick up every word without getting in the way. These attractive units are easy to set up and usually don't require any additional EQ.

RE16 High-quality Supercardioid

The RE16 was created specifically for professional applications where a tight, supercardioid pickup pattern—unusually uniform over a wide frequency range—is desired. No matter what the angle of sound pickup, sound quality remains the same. In addition, the RE16's Variable-D® construction keeps sound quality constant with working distance, eliminating the up-close bass boost (proximity effect) that can make vocals sound "muddy" and unintelligible. The RE16 is peerless.



RE90H/RE90HW Hanging Microphone

The RE90H/RE90HW hanging microphone's ultrasensitivity and amazingly compact size make it ideal for choir, instrumental and vocal groups, and live theater. Its controlled polar response was designed specifically for distant sound pickup to suppress feedback, while leaving the sound uncolored and sounding natural.

The RE90H/RE90HW features an exclusive braided, shielded cable to prevent the microphone from rotating and keep it firmly in place. With the RE90H/RE90HW, there's no need for awkward "fish line" tethering.

RE90B/RE90BW Boundary Microphone

With its built-in equalization, the RE90B/RE90BW picks up every word and delivers them fully and naturally. Its ultracompact size and low profile make it ideal for video- or teleconferencing systems, classrooms or houses of worship. Additionally, the RE90B/RE90BW is equipped with an isolation system to limit unwanted vibration noise.

N/DYM® WIRELESS

The N/DYM® UHF wireless is a 10-channel frequency-agile system that provides professional-quality performance at a truly amazing price. N/DYM® wireless also features the latest in wireless technical innovations—ClearScan™ auto channel select. ClearScan™ greatly simplifies systems setup by automatically scanning and selecting a clear channel for trouble-free operation. The handheld systems feature EV's famous N/DYM® elements for great sound and performance. The N/DYM® wireless series from EV sets the new standard for wireless system performance and value.

Seven different system configurations—select the one for your application!

Three handheld transmitter systems

- NRU-N1 featuring the N/D167 dynamic element
- NRU-N2 featuring the N/D267a dynamic element
- NRU-N7 featuring the N/D767a dynamic element

Three bodypack systems

- NRU-L10 featuring the OLM-10 omnidirectional lavalier mic
- NRU-L20 featuring the ULM-20 cardioid lavalier mic
- NRU-H1 featuring the HM-2 headworn mic

Guitar system

- NGU featuring circuitry specifically designed to handle a guitar signal
- * Individual components also available.



N/DYM® Wireless Transmitter

The N/DYM® wireless transmitters feature adjustable audio gain control, on/off and mute switches, eight hours of battery life on a single 9-volt battery, rotary channel-select switch and low-battery indicator. Bodypack transmitters feature a flexible 1/4-wave whip antenna, while the handheld transmitters contain an internal high-efficiency antenna.

N/DYM® Wireless Receiver

The N/DYM® wireless receiver is housed in a half-rack-wide metal housing and features Secure-Phase™ diversity for clear, drop-out-free audio; fixed, front-mount antennas for quick system setup; balanced, mic-level XLR output; level adjustable,

unbalanced, 1/4-inch output; a seven-segment LED channel display; adjustable squelch control; Tx on and diversity LED indicators and channel-change lockout. Single or double rack-mount kits are also available (RM-S and RM-D).

CLEARSCAN™

ClearScan™ is the latest in wireless technical innovations from EV. With the simple touch of a button, ClearScan™ automatically scans the airwaves and quickly selects the best of 10 UHF channels. The entire process takes the guesswork out of frequency-agile channel selection and system setup, so you can concentrate on giving your best, worry-free performance.

R-SERIES™ SECURE-PHASE™ DIVERSITY WIRELESS

EV's R-Series™ wireless systems were conceived to meet the needs of professional users who want EV quality and reliability in an affordable wireless product. There is an R-Series™ wireless system to meet every need—handheld, lapel or headworn mic and guitar—and a choice of UHF (R200) or VHF (R100) operating frequencies.

R100

The R100 is EV's most affordable wireless system. The R100's rock-solid RF performance, featuring Secure-Phase™ diversity, is the result of superior design and state-of-the-art manufacturing. With the R100 series, having EV wireless freedom has never been more affordable, cost effective or practical.



R100 SERIES



R200 SERIES

R200

Operating in the less crowded UHF frequency band, the R200 offers superior performance with fewer chances of interference. There is a wide selection of high-quality microphones for better audio performance, including EV's famous N/D167 & the N/D267a dynamic mic elements. The R200 also includes receivers with 1/4-inch and XLR audio outputs, as well as Secure-Phase™ diversity. The R200 offers superior performance at an affordable price.

SPECIFICATIONS

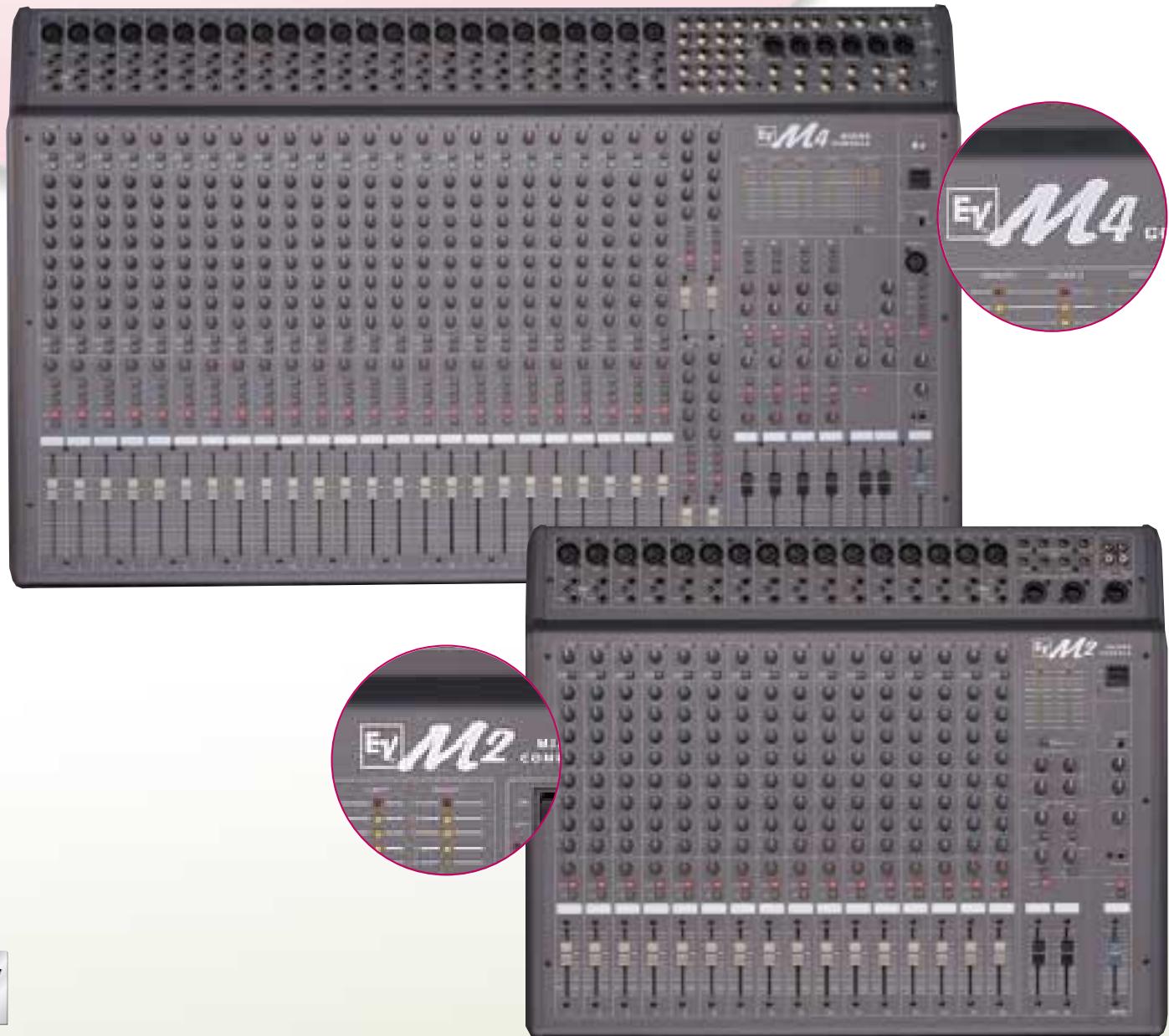
	N/DYM®	R100	R200
Frequency Band	UHF	VHF	UHF
Number of Channels	10	1	1
ClearScan™	Yes	No	No
Number of Systems Which Will Play Together	7	5	5
AVAILABLE TRANSMITTERS			
Handheld Mic	N/D167, N/D267a, N/D767a	N/D167	N/D167, N/D267a, XTU plug-on
Lavalier Mic: Omni : Cardioid	OLM-10 ULM-20	OLM-10 N/A	N/A ULM-20
Headworn	HM-2	HM-2	HM-2
Guitar Transmitter	Yes	Yes	Yes

STEREO MIXING CONSOLES

When you've outgrown your first mixer and you're looking for something new that will give you more inputs, additional aux sends, greater flexibility and a clean sound...check out EV's M4 and M2 mixing consoles. Both consoles come in two different configurations depending on your input and subgroup needs.

The "soft-touch" controls and faders give the look and feel of a much more expensive mixer and its rugged reliability will guarantee years of trouble-free operation.

When you want great sound, more flexibility, and value, you'll find them all with EV's M4 and M2 mixing consoles.



M4 Stereo Mixing Consoles

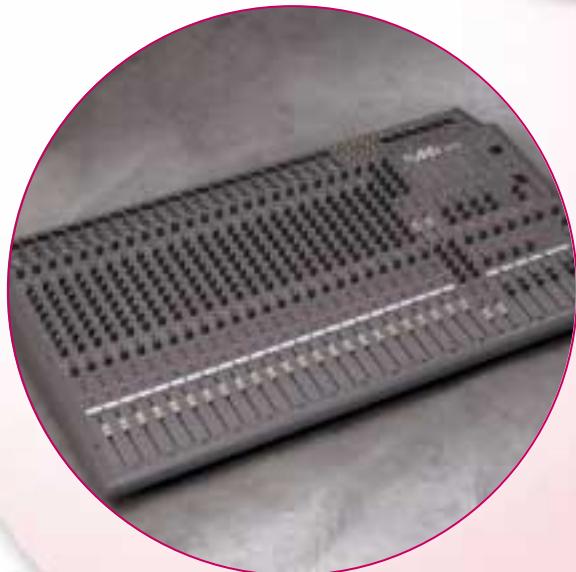
M4 mixing consoles offer big-console performance and features without the big-console price tag. Available with 16 or 24 mic/line and 4 stereo input channels, the M4 is ideal for many professional audio applications requiring high-quality sound. The look, feel, features and sound of the M4 are all high caliber.

- Mic/line input channels have 3-band EQ with sweepable mids from 250 to 5,000 Hz, an 80-Hz high-pass filter, direct outputs and 100-mm faders.
- 6 aux sends on mono channels and 2 aux sends on stereo channels with 4 stereo aux returns.
- 4 subgroups, stereo masters and mono outputs all have balance fader-controlled outputs.
- Talkback section with extensive signal routing possibilities.

M2 Stereo Mixing Consoles

M2 mixing consoles are ideal for many small- and medium-sized applications that require excellent sound quality but don't require extensive signal routing capability. Available in 12- and 16-channel configurations, the M2 is a cost-effective, high-performance mixer that contains all the necessary features for many sound reinforcement applications. Without a doubt—a solid console value.

- Each input channel has 3-band EQ with sweepable mids from 250 to 5,000 Hz, PFL, mute switches and 60-mm faders.
- Each input channel has 4 aux sends (2 pre, 2 post) with afterfade listen (AFL).
- Fader-controlled, low-impedance balanced outputs for left, right and mono.
- "Soft-touch" controls and faders.
- Very quiet internal power supply.



SPECIFICATIONS

	M4 (16 or 24)	M2 (12 or 16)
Frequency Response, Mic Input Mic Input to Master Output (EQ flat)	20-20,000 Hz (+1/-3 dB)	20-20,000 Hz (+1/-2 dB)
Total Harmonic Distortion, 20- 20,000 Hz at +14 dBu Output into 600 ohms	<0.1%	<0.1%
Mono Input Channel Equalization Low (± 15 dB) Mid (± 15 dB) High (± 15 dB)	80 Hz 250 Hz-5,000 Hz 12,000 Hz	80 Hz 250 Hz-5,000 Hz 12,000 Hz
Stereo Input/ Channel Equalization Low (± 15 dB) High (± 15 dB)	80 Hz 12,000 Hz	N/A N/A
Height	128 mm (5.049 in.)	109 mm (4.29 in.)
Width M2/12 – M4/16 M2/16 – M4/24	796 mm (31.3 in.) 1020 mm (41.15 in.)	520 mm (20.47 in.) 632 mm (24.88 in.)
Depth	623 mm (24.52 in.)	509 mm (20.03 in.)
Weight M2/12 – M4/16 M2/16 – M4/24	21 kg (46.3 lb) 26 kg (57.3 lb)	12 kg (26.45 lb) 14 kg (30.80 lb)

POWER AMPS

The Precision Series™ is EV's top line of power amplifiers. Their extreme reliability, high-level sound and portable design made them the amp of choice for the Rolling Stones' world concert tour.

Whether these amps follow you around the country or around the world, you can count on 100% EV reliability.

P3000 Precision Series™ Power Amplifier

The P3000 is an ultra-high power amplifier with audiophile-class sound quality. It can deliver several thousand watts of super clean power to any high-performance speaker system.

P2000 Precision Series™ Power Amplifier

The P2000 is the perfect amplifier for those who want the ultimate in quality, reliability and protection, but don't need the extra power of the P3000.

P1250 Precision Series™ Power Amplifier

The P1250 processor-controlled amplifier features our patented Dynamic Signal Processing™ circuitry for high-quality amplification, with switchable EQ settings matched to EV speaker systems.

P1200 Precision Series™ Power Amplifier

The P1200 combines medium-range power with high-quality performance and unbeatable reliability. Housed in a slim, two-rack-space chassis, it still delivers 1,300 watts of power.



P3000

2 ohms	1,800 watts
4 ohms	1,400 watts
8 ohms	850 watts



P2000

2 ohms	1,200 watts
4 ohms	900 watts
8 ohms	560 watts



P1250

2 ohms	650 watts
4 ohms	550 watts
8 ohms	370 watts



P1200

2 ohms	650 watts
4 ohms	550 watts
8 ohms	370 watts



ELIMINATOR® AMP

2 ohms	850 watts
4 ohms	600 watts
8 ohms	380 watts

Available in
110 V only



FORCE® AMP

2 ohms	650 watts
4 ohms	450 watts
8 ohms	280 watts

Available in
110 V only



7100

4 ohms	145 watts
8 ohms	100 watts

Eliminator® Amp

Designed specifically to optimize the Eliminator® system, the Eliminator® Amp will simultaneously drive and protect your speakers. Its 850 watts of power (at 2 ohms) will keep up with any rigorous performance duties and the inner protective circuitry will save you from cutting your show short by preventing transient bursts that could shut down and completely ruin your speakers.

Force® Amp

The Force® Amp was designed specifically to maximize the performance and protection of Force® speakers. Its state-of-the-art limiters prevent amplifier clipping and deliver maximum sound level from the system.

7100

The silent operation, front-panel headphone jack and space-saving, single-rack-space design make the 7100 power amplifier perfect for the studio as well as powering the high end of multiway systems.



SIGNAL PROCESSORS

EQ-231



EQ-215



EQ-131



To ensure the best sound possible in any live situation, EV equalizers are designed for tuning the overall frequency response of your system. This versatility enables excellent feedback reduction and application in any acoustic environment.



EX23 Stereo Two-Way, Mono Three-Way Electronic Crossover

The EX23 electronic crossover has all the essential features needed in a high-performance crossover. With its stereo two-way, mono three-way design and 12 selectable crossover frequencies per channel, the EX23 will make your system sound its best by making the best use of your amplifier and by protecting your valuable speakers from the effects of infrasonic, very-low-frequency overload.

EQ-231

- Stereo 1/3-octave equalizer with 31 bands on ISO centered frequencies from 20-20,000 Hz.

EQ-215

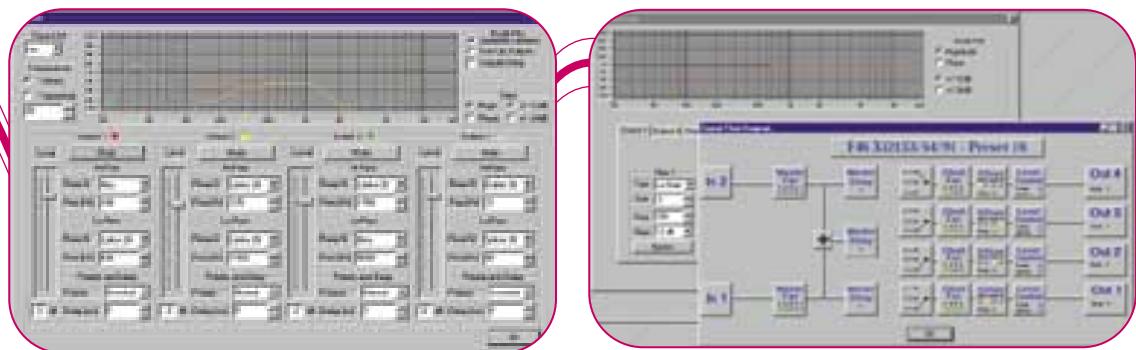
- Stereo 2/3-octave equalizer with 15 bands per channel on ISO frequencies from 25-16,000 Hz.

EQ-131

- 1/3-octave equalizer with 31 bands per channel on ISO frequencies from 20-20,000 Hz.



DX38



Dx38 includes PC-based control software.

Dx38 Digital Sound System Controller

Its 2-in/4-out configuration makes the Dx38 the ideal controller in any 2-, 3-, and 4-way loudspeaker application. The Dx38 addresses many different sound-system configurations, and is factory programmed for a number of EV speaker systems.

- Flexible input/output routing.
- Computer and MIDI controllable.
- 50 factory presets, 30 user-defined system configurations.
- 2-in/4-out system controller with crossover, parametric EQ, shelving EQ, low- and high-pass, delay, compressor, and limiter functions.

PSX POWERED MIXERS

EV's PSX mixers put power, effects and incredible sound together into one unit, making them the heart of any sound system. And for the "ultimate system," simply hook-up a pair of EV's Sx-Series™ speakers and you're ready to go. No hassles, just great sound, stunning effects and pure power.



PSX2200

PSX2200 Powered Mixing Console

- 22 microphone and 4 stereo line inputs.
- 2 x 760 watts

PSX1600 Powered Mixing Console

- 16 microphone and 4 stereo line inputs.
- 2 x 570 watts



PSX1600

More Power

- More watts per channel than competitive models, all the way from the 2 x 340-watt PSX600 to the 2 x 760-watt PSX 2200 (at 4 ohms).
- Dynamic limiter circuit in power amplifier prevents clipping and helps protect speakers.

More Effects

- Two separate, 32-bit algorithm digital effects processors with 100 programs; each provides studio-quality reverbs, delays and multi-effects.
- Easy operation with up/down keys and a large LED display.
- Effects return can be routed to Aux 3 output for effects in the monitor mix, without patching.
- Optional foot switch makes it possible to switch the effects units on and off at the panel for changes during the performance.

More Extras

- Two 7-band graphic equalizers give you enhanced control of your sound and complete tape-input/record/tape-to-monitor controls let you run a tape deck or CD player without using valuable input channels.
- Special frequency-variable feedback filter operates from the Aux 3 bus to help eliminate feedback from monitors.
- Locking metal cover to protect the controls against damage during transport.
- Neutrik Speakon® outputs.
- Unique LPN filter for awesome bass.
- Full amplifier protection/safety package.



PSX1000 Powered Mixing Console

- 10 microphone and 4 stereo line inputs.
- 2 x 570 watts
- Unit can be rack mounted with optional kit.

PSX600 Powered Mixing Console

- 6 microphone and 2 stereo line inputs.
- 2 x 340 watts
- Unit can be rack mounted with optional kit.



SPECIFICATIONS

	PSX2200	PSX1600	PSX1000	PSX600
Maximum Power at <1% THD, midband, both channel driven 4 Ohm Load Per Channel 8 Ohm Load Per Channel	760 watts 430 watts	570 watts 380 watts	570 watts 380 watts	340 watts 200 watts
Total Harmonic Distortion Mic Input to Mains Output (+16 dBu)	<0.006%	<0.006%	<0.006%	<0.006%
Frequency Response (-3 dB Referenced to 1kHz) Any Input to Speaker Output	30-40,000 Hz	30-40,000 Hz	30-40,000 Hz	30-40,000 Hz
Mono Channel Input EQ Low (± 15 dB) Mid (± 15 dB) High (± 15 dB)	60 Hz 100-8,000 Hz 12,000 Hz			
Master Left/Right Outputs EQ	7-band graphic	7-band graphic	7-band graphic	7-band graphic
Height Width Depth	210 mm (8.3 in.) 827 mm (32.5 in.) 479 mm (18.8 in.)	210 mm (8.3 in.) 668 mm (26.3 in.) 479 mm (18.8 in.)	210 mm (8.3 in.) 509 mm (20.0 in.) 479 mm (18.8 in.)	176 mm (6.9 in.) 456 mm (17.9 in.) 341 mm (13.4 in.)
Weight (including cover)	28.9 kg (63.9 lb)	23.9 kg (52.9 lb)	20.0 kg (44.1 lb)	13.0 kg (28.7 lb)



THE ULTIMATE SYSTEM

EV takes the guesswork out of matching powered mixer and speakers by introducing a 100% fully matched system for whatever professional audio application you demand. Choose from one of four customized, matched systems and start mixing it up. Instead of spending countless hours wondering about compatibility, get behind the most reasonably priced and best engineered system in professional audio. From small dance clubs or houses of worship to the very largest concert halls, EV is the ultimate in performance.

PSX600 Powered Mixing Console with Sx100 Speaker:

This 2 x 340-watt console features 6 mic and 2 stereo line inputs, 2 32-bit algorithmic stereo effects processors (over 100 presets), stereo 7-band EQ, vocal voicing filter for increased vocal clarity, switchable 80-Hz low-cut filter, locking metal cover, recessed handles and more. 100% fully matched to the Sx100 speaker, this combo's like peanut butter and jelly. You've got 200 watts of steady power handling, with 800 watts of short-term handling. Constructed of the same high-end components and technology that comprise the X-Array™ speaker systems, there is absolutely no room for a compromise in sonic delivery. Perfect for mixing a small club or house of worship.

PSX1000 Powered Mixing Console with Sx300 Speaker:

Designed so it can easily be carried in one hand, the Sx300 speaker and the rugged, ergonomic PSX1000 console form the perfect marriage. Along with all the features of the PSX600, the PSX1000 features 10 mic inputs and 4 stereo line inputs. The 12-inch, two-way Sx300 system, with RMD™ technology and EV components, has replaced larger, more expensive systems in houses of worship, stadiums, and clubs all over the world.

PSX1600 Powered Mixing Console with Sx300 Speaker:

Similar to the PSX1000 and Sx300 System, but appropriate for those who demand more inputs (16 mic and 4 stereo line inputs).

PSX2200 Power Mixing Console with Sx500 Speaker:

Truly the "ultimate" in performance! When you can't settle for anything less than the most powerful and biggest sound possible, this is your system. With 22 microphone and 4 stereo line inputs, a whopping 2 x 760 watts of maximum power, and the already mentioned effects, EQ, dynamic limiter, vocal voicing filter, etc., this mixer is nothing short of awesome. Coupled with the Sx500 large-format, biampable 15-inch, two-way speaker system, the result is absolutely titanic!

-Neutrik Speakon® NL-4MP output connectors for loss-free connections.

-Vocal voicing filter on mono channels for increased vocal intelligibility.

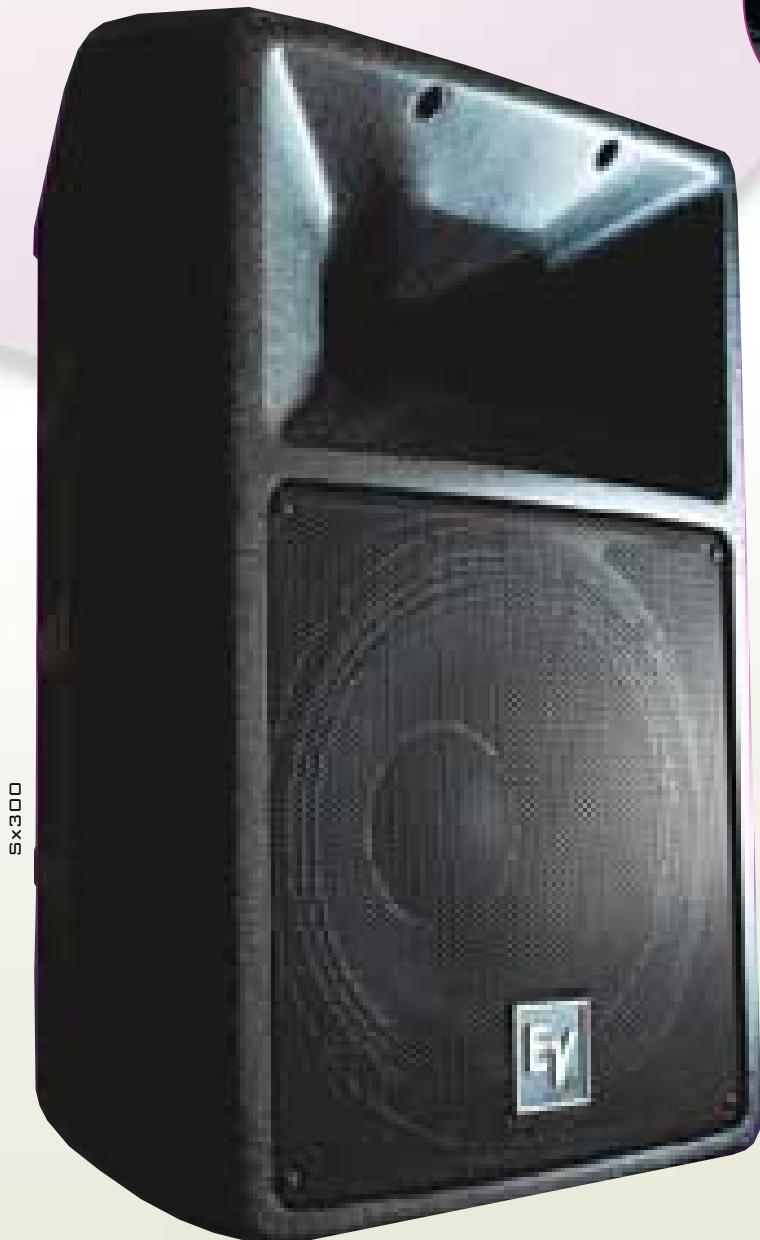
-Switchable, 80-Hz low-cut filter reduces handling and stage noise.

Sx-SERIES™

The Sx-Series™ speakers are the most versatile, lightweight, high-performance systems in the industry. Evolving from EV's state-of-the-art X-Array™ concert systems, the Sx-Series™ takes big concert speaker technology and puts it in compact size cabinets, making them the ideal system for any small- to mid-size application. EV uses only precision components and RMD™ (Ring-Mode Decoupling) technology to guarantee durability, high-output and unmatched clarity.



Sx100+



Sx300

Superior sound quality and high output capability has made the Sx300 one of the most widely used speakers in professional audio. The 12-inch, two-way system with RMD™ technology ensures a tight low end and crisp vocal clarity at any volume. This easy-to-carry speaker sounds bigger than most larger and more expensive speakers which makes it perfect for any application where clarity, high output and space are priorities.

Also available:

Sx300W (durable white polypropylene finish)
Sx300PI (weather resistant with full-faced grille)
Sx300PIX (weather resistant with full-faced grille, added 70.7/100-volt, 100-watt transformer)

Sx100+

The rugged Sx100+ proves to be the best value in audio performance. Perfect for any application where you need the sound and capabilities of the Sx300, but you don't need the additional output.

Also available:

Sx100+W (durable white polypropylene finish)



Sx500+

Sx500+

The most powerful of the Sx Series,TM the Sx500 boasts solid bass performance and very high output capabilities. Using RMDTM technology, this biampable 15-inch, two-way system takes sound clarity to a new level. A proprietary EV asymmetrical horn directs the sound of the Sx500+ all the way to the back of the room clearly without distortion or irritating delay effects caused by ceiling sound reflections that are commonly found in other speakers in its class.



Also available:

Sx500+PI (weather resistant with full-faced grille)
Sx500+PIX (added 70.7/100-volt, 100-watt transformer)

Sb121

Don't let the small size and light weight of the Sb121 bass speaker fool you—it's specially developed 12-inch woofer will move an incredible amount of air allowing you not only to hear the bass, but to feel it also!

Sx80

The Sx80 is the compact speaker with the gigantic sound. This lightweight, 8-inch, 2-way speaker combines sound quality, acoustic output and flexibility together to make it the perfect part of any portable sound system. For a wider bandwidth, combine the Sx80 with the Sb121 bass speaker for a system that will thump your chest and yet stay clean and pure throughout the entire frequency range.

Also available:

Sx80PI (weather resistant with full-faced grille)
Sx80PIX (added 70.7/100-volt, 100-watt transformer)

Sb180

For serious chest-pounding low end, the Sb180 600-watt subwoofer combines the best qualities of horn-loaded and vented-box designs. When combined with the Sx speakers the Sb180 creates an easily portable system with the sonic characteristics of the larger "world tour" class EV X-ArrayTM concert systems.



Sb180



Sb121

SPECIFICATIONS

	Sx500+	Sx300	Sx100+	Sx80	Sb180	Sb121
Frequency Range (-10 dB)	43-18,000 Hz	55-25,000 Hz	55-25,000 Hz	50-20,000 Hz	40-250 Hz	43-500 Hz
Sensitivity (1 W/1 m)	100 dB	100 dB	98 dB	92 dB	99 dB	95 dB
Power Handling Long-Term Average Short-Term Average	400 watts 1,600 watts	300 watts 1,200 watts	200 watts 800 watts	175 watts 700 watts	600 watts 2,400 watts	300 watts 1,200 watts
Impedance (nominal)	8 ohms	8 ohms	8 ohms	8 ohms	8 ohms	8 ohms
Coverage (h x v nominal)	75° x 60°	65° x 65°	65° x 65°	90° x 65°	Omnidirectional	Omnidirectional
Height Width Depth	838 mm (33.0 in.) 673 mm (26.5 in.) 448 mm (17.63 in.)	586 mm (23.1 in.) 429 mm (16.9 in.) 312 mm (12.3 in.)	586 mm (23.1 in.) 429 mm (16.9 in.) 312 mm (12.3 in.)	400 mm (15.75 in.) 292 mm (11.5 in.) 222 mm (8.75 in.)	603.3 mm (23.75 in.) 571.5 mm (22.5 in.) 806.5 mm (31.75 in.)	586 mm (23.1 in.) 429 mm (16.9 in.) 312 mm (12.33 in.)
Net Weight	31.3 kg (69 lb)	17.7 kg (39 lb)	14.5 kg (32 lb)	8.2 kg (18 lb)	46.3 kg (102 lb)	14.6 kg (32.2 lb)

EV Eliminator® SYSTEMS

You'll find loads of sonic integrity in the 3-way, concert-style "top-box/bottom-box" sound system with matching power amp. The Eliminator® System delivers "biamp" sound—without the expense of two power amps plus electronic crossovers—to provide unprecedented value in a sound system for working DJs and musicians. Countless hours of engineering have culminated in a 100% fully matched system of amp, speaker and sub. With the Eliminator® System, EV has removed the guesswork from matching power amp and speakers, leaving your attention to the night's performance and not your gear. The Eliminator® System. Chest-pounding concert and rave sound that "garage bands" and DJs can afford.



ELIMINATOR®

ELIMINATOR® SUB

Eliminator®

By itself or together with the Eliminator® Sub, the Eliminator® “top-box” delivers clean, accurate sound without colorations. The Eliminator® features a premium 15-inch woofer and titanium driver on a 60° x 40° constant-directivity horn (EV invented the CD horn!) that provides better vocal projection than wider horns that just spray sound to side walls. Plus RMD™ (Ring-Mode Decoupling) technology (currently used in Jewel's EV X-Array™ system) gives cleaner vocals at maximum SPL. Able to handle 350 watts of continuous power and 1,400 watts of short-term power, this speaker will carry the integrity of your performance to the farthest corner or back row of any venue.

Eliminator® Sub

The Eliminator® Sub “bottom-box” features a premium EV 18-inch subwoofer with a massive magnet and die-cast frame to safely handle 1,600 watts of peak power! The special “diagonal slot-load” cabinet was specifically designed to work together with the Eliminator® “top-box” to deliver huge bass impact and “slam.” Plus, we added a built-in subwoofer crossover, so you don’t need a separate electronic crossover and power amp (saves you about \$700!).

Eliminator® Amp

The Eliminator® Amp simultaneously drives and protects your speakers. Delivering up to 1,700 watts of German-engineered power, the amp features state-of-the-art dynamic limiters and a 5-way protection system—making it virtually impossible to “blow” the system, while boosting output 1-2 dB in “real world” conditions.

Eliminator® Double

Perfect for DJ and other high-SPL applications, the Eliminator® Double can handle 600 watts of continuous power making it the ideal speaker for applications that require increased power and performance. Its two 15-inch woofers are housed in separate chambers insuring a thumping bass and clear mids. Plus, its High-Q 60° x 40° CD horn provides the perfect balance on the top end. Bottom line: This is the ideal speaker for the production demands of today’s most discerning DJs and working musicians. When combined with EV’s Eliminator® Amp, the resulting matched system competes with and outperforms other SERIOUS DJ and working musician sound systems. This is the system that really stacks up “in the mix”! Thump. Thump. Thump.



ELIMINATOR® DOUBLE



ELIMINATOR® MONITOR

SPECIFICATIONS

	Eliminator®	Eliminator® Sub	Eliminator® Double	Eliminator® Monitor
Frequency Range (-10 dB)	45-20,000 Hz	45-160 Hz	38-20,000 Hz	68-20,000 Hz
Power Handling Long-Term Average Short-Term Peak	350 watts 1400 watts	400 watts 1600 watts	600 watts 2400 watts	350 watts 1400 watts
Sensitivity (1 W/1 m)	99 dB	101 dB	100 dB	99 dB
Impedance (nominal)	8 ohms	8 ohms	4 ohms	8 ohms
Coverage (h x v nominal)	60° x 40°	Omnidirectional	60° x 40°	55° x 80°
Height Width Depth	768 mm (30.25 in.) 429 mm (16.9 in.) 609 mm (24 in.)	854 mm (33.63 in.) 429 mm (16.9 in.) 609 mm (24 in.)	1162 mm (45.8 in.) 429 mm (16.9 in.) 609 mm (24 in.)	640 mm (25.39 in.) 406 mm (15.98 in.) 471 mm (18.53 in.)
Net Weight	29.9 kg (66 lb)	33.6 kg (74 lb)	48.1 kg (106 lb)	19.5 kg (43 lb)

Eliminator® Monitor

The versatile Eliminator® Monitor can work three ways, either as a main system, floor or sidefill monitor. With two cabinet angles—50° and 65° and a built-in 1-3/8-inch stand mount—the options are endless, making it a workhorse for any application. When used in conjunction with EV’s matching Eliminator® Amp, the two form a fully functional and versatile matched sound system. From coffeehouse gigs to worship ceremonies or municipal gatherings, this is your system.

Please pass the hat...



SYSTEM

FAR BEYOND THE ORDINARY

The Force® System represents the very best mix of value and performance without a sacrifice in sonic integrity. To preserve this integrity, EV engineers took the classic EV sound and put it in a speaker, amp, and sub that anyone could afford. Like its big brother, the Eliminator® System, this system is built of the finest components and is 100% fully matched for performance you can depend on.



Force®

The Force® incorporates the same RMD™ (Ring-Mode Decoupling) found in EV's big concert touring systems for crystal clear highs, detailed mids and thundering lows with exceptional vocal clarity and intelligibility. The High-Q 60° x 40° constant-directivity horn with a pure titanium compression driver provides exceptional sound projection. The ergonomically designed handles provide easy handling of the speakers when loading and unloading for the next performance. At 200 watts of long-term power handling, the Force® speaker, when matched with the Force® Amp, provides limousine performance on a hitchhiker's budget.

Force® Sub

The high-output, dual 15-inch slot loaded Force® Sub provides chest-pounding bass. For ease of operation, the Force® Sub has an integral passive crossover filter combined with unique acoustic design to allow for parallel operation with a full-range system. With 300 watts of continuous power handling and a rugged enclosure, the Force® Sub is perfect for life on the road. To accommodate a full-range system, a top-mounted 1-3/8-inch stand adapter is included. Wanna break the sound barrier? This one booms!

Force® Amp

Specifically designed to power the Force® system, the Force® Amp provides maximum performance and protection of the Force® speakers. Delivering 450 watts of power per channel (at 4 ohms), the Force® Amp utilizes state-of-the-art limiters to prevent amplifier clipping while maintaining maximum sound levels. EV uses only quality components like the high-current Neutrik Speakon® output connectors to assure that the system responds to all your demands. Available in 110V only.

FORCE® MONITOR



SPECIFICATIONS

	Force®	Force® Sub	Force® Monitor
Frequency Range (-10 dB)	53-20,000 Hz	50-160 Hz	85-17,000 Hz
Power Handling Long-Term Average Short-Term Peak	200 watts 600 watts	300 watts 900 watts	150 watts 450 watts
Sensitivity (1 w/1 m)	99 dB	100 dB (half space)	96 dB
Impedance (nominal)	8 ohms	8 ohms	8 ohms
Coverage (h x v nominal)	60° x 40°	Omnidirectional	55° x 80°
Height Width Depth	768 mm (30.25 in.) 429 mm (16.9 in.) 381 mm (15 in.)	617 mm (24.3 in.) 516 mm (20.3 in.) 605 mm (23.8 in.)	546 mm (21.5 in.) 361 mm (14.2 in.) 246 mm (9.7 in.)
Net Weight	27.4 kg (60.5 lb)	40.6 kg (89.5 lb)	12.7 kg (28 lb)

Force® Monitor

The versatile design of the Force® monitor allows for use as a floor monitor or a stand-mounted main PA speaker. At 150 watts continuous power handling, the monitor has the power to fill the room with sound. The constant-directivity horn with a 55° x 80° pattern provides even coverage and puts the sound where you want it. A 1-3/8-inch stand mount is included for PA application. Combined with the Force® Amp, this matched system is perfect for singer-songwriters, houses of worship, and smaller, more intimate musical/audio engagements.

T-SERIES™

EV's T-Series™ speaker systems combine high performance, solid reliability and value for true concert-quality sound. Incorporated into these speakers is EV's own RMD™ (Ring-Mode Decoupling) technology which takes away the mechanical and acoustical resonances that tend to leave your sound "muddy." RMD™ technology leaves you with only pure sound and power.

These cabinets are brutally tested to make sure they'll endure any real-life performance application. Each unit uses only high-grade professional components for dependable performance and, maximum reliability.

When compared to the competition, EV's T-Series™ provides the highest output with least amount of power. Expensive, ultra-high-powered amplifiers aren't necessary to make these speakers really come alive.

When putting together a big system, EV's T-Series™ is the place to start.



T221M

The T221M is the perfect monitor for life on the road. Its rock-solid design delivers clear and articulate sound using only genuine EV components. The T221M combines a 12-inch, high-performance woofer with an 55° x 80° constant-directivity horn powered by a two-inch titanium driver, providing exceptional frequency response and vocal intelligibility.

T251+

Loaded with a 15-inch EV woofer, the T251+ provides excellent midrange and bass performance. Combined with a High-Q 60° x 40° rotatable horn, this speaker is ready for any application. For flexible setup configurations, the T251+ comes standard with a built-in stand mount and optional HST1 hanging kit.

T252+

The T252+ packs the performance of a subwoofer and mid/high system in one box. By itself or in an array, the T252+ pumps out the power.

The lower woofer is filtered at 400 Hz which allows for strong mids, yet yields thumping bass performance. The highs are produced by EV's pure titanium DH2T compression driver and delivered through a rotatable horn so coverage overlap can be controlled when used in an array.

T221

By itself or in an array, the T221 delivers unbelievable reproduction of instruments and vocals. A big-performance 12-inch woofer and professional DH2T pure titanium compression driver provide coverage over large listening areas and a rotatable horn (60° x 40°) ensures minimal coverage overlap when used in an array. Built-in stand mount and optional HST1 hanging kit allow for flexible setup configurations.



S P E C I F I C A T I O N S

	T251+	T252+	T221	T221M
Frequency Range (-10 dB)	45-16,000 Hz	44-16,000 Hz	62-16,000 Hz	70-16,000 Hz
Sensitivity (1 W/1 m)	98 dB	101 dB	100 dB	101 dB
Power Handling Long-Term Average Short-Term Peak	400 watts 1,600 watts	800 watts 3,200 watts	400 watts 1,600 watts	400 watts 1,600 watts
Impedance (nominal)	8 ohms	4 ohms	8 ohms	8 ohms
Coverage (h x v nominal)	60° x 40°	60° x 40°	60° x 40°	55° x 80°
Height Width Depth	818 mm (32.2 in.) 488 mm (19.2 in.) 599 mm (23.6 in.)	1245 mm (49 in.) 488 mm (19.2 in.) 599 mm (23.6 in.)	714 mm (28.1 in.) 417 mm (16.4 in.) 480 mm (18.9 in.)	371 mm (14.62 in.) 594 mm (23.4 in.) 406 mm (16.0 in.)
Net Weight	35.5 kg (78 lb)	52 kg (118 lb)	25 kg (55 lb)	25.5 kg (56 lb)

MT-1 SYSTEM

The MT-1 Manifold Technology® bridges the gap between EV's stage speakers and their ultra powerful concert touring systems. This two-box system combines the MTH-1 mid/high-frequency speaker system with the MTL-1 SubScoop™ for incredible sound over larger areas.

MTH-1

The MTH-1 puts a DL10X 10-inch midrange driver and the DH2T driver into a 60° x 40° CD horn for powerful high/mid dispersion.

MTL-1/MTL-1X

The MTL-1 SubScoop™ will literally shake the ground by combining the punch and directionality of a horn with the extended response and low distortion of a vented box. Also available is the MTL-1X SubScoop™. Like the MTL-1, it will shake the ground, but it features two awesome EVX-180B woofers that pack even more power and are capable of extremely high output and peaks of 4,800 watts.



MANIFOLD TECHNOLOGY® CONCERT SYSTEMS

EV's Manifold Technology® MT loudspeaker systems are designed for high-level sound reinforcement for either touring or permanent installation. These systems pump out incredible acoustic output with very low distortion, turning your next performance into an unforgettable experience.



SPECIFICATIONS

	MTH-1	MTL-1	MTL-1X
Frequency Range (-10 dB)	125-16,000 Hz	45-160 Hz	45-160 Hz
Sensitivity (1 w/1 m)	105 dB	100 dB	101 dB
Power Handling Long-Term Average Short-Term Peak	350 watts 1,400 watts	800 watts 3,200 watts	1,200 watts 4,800 watts
Impedance (nominal)	8 ohms	4 ohms	4 ohms
Coverage (h x v nominal)	60° x 40°	Omnidirectional	Omnidirectional
Height Width Depth	591 mm (23.3 in.) 572 mm (22.5 in.) 758 mm (29.9 in.)	1160 mm (45.8 in.) 572 mm (22.5 in.) 758 mm (29.9 in.)	1160 mm (45.8 in.) 572 mm (22.5 in.) 758 mm (29.9 in.)
Net Weight	43 kg (95 lb)	70.3 kg (155 lb)	75 kg (165 lb)

SOUND REINFORCEMENT SPEAKERS

EV premium sound reinforcement loudspeakers are an industry standard. By utilizing the newest technological advances in manufacturing, years of experience and by featuring only premium components, every EV loudspeaker promises you the best sound quality and power-handling capabilities in the industry. We back every EV loudspeaker with a five-year warranty and fast factory service support.



DL15X



DL12X



DL10X

DL SERIES

The DL series features high-excursion drivers augmented by EV's patented Thermo Inductive Ring (TIR™) and "E-coat" coating for long life. All models are manufactured with die-cast aluminum frames, with special models for mid-bass, low-frequency and very-low-frequency reproduction.

DL15X

A 400-watt, 15-inch low-frequency reproducer designed for high-level, high-fidelity sound reinforcement.

DL12X

A 300-watt, 12-inch low-frequency reproducer designed for smooth, musical upper bass and accurate low-frequency punch.

DL10X

A 300-watt, 10-inch mid-bass reproducer designed for high-level, high-fidelity sound reinforcement.

SPECIFICATIONS

	DL15X	DL12X	DL10X
Frequency Response	45-3,000 Hz	58-5,200 Hz	100-5,000 Hz
Power Handling Long-Term Average Short-Term Peak	400 watts 1,600 watts	300 watts 1,200 watts	300 watts 1,200 watts
Sensitivity (1 W/1 m)	101 dB	100 dB	98 dB
Impedance (nominal)	8 ohms	8 ohms	8 ohms

EVX SERIES

The EVX speakers feature advanced HeatWick™ design to increase power handling and reliability by keeping heat away from the voice coil. These rugged die-cast aluminum framed speakers boast 1,000 watts of continuous program and a 4-inch voice coil, nearly twice the surface area of any other woofer, for greater power handling at the end of dynamic-range power compression.

EVX-180B

The EVX-180B is featured in both our X-Array™ concert speakers and cinema effects systems that plumb the audible depths below 30 Hz. To the construction advantages of the EVX-150A, the EVX-180B adds a large, 18-inch cone and a peak-to-peak excursion ability of nearly two inches. The EVX-180B is perhaps the most prodigious bass reproducer that money can buy!

EVX-155A

Featured in a variety of EV X-Array™ concert systems, the EVX-155A is a 15-inch low-frequency reproducer for professional sound applications that demand maximum output and low distortion. The EVX-155A has an amazingly high resistance to mechanical fatigue, the speaker failure mode most frequently brought on by the night-after-night, real-world rigors of the road. The EVX-155A will exceed your road-rigor expectations!



EVX-180B



EVX-155A

SPECIFICATIONS

	EVX-180B	EVX-155A	EVM®12L	EVM®10M
Frequency Response	37-1,500 Hz	40-1,600 Hz	80-7,000 Hz	120-6,500 Hz
Power Handling Long-Term Average	600 watts	600 watts	300 watts	300 watts
Short-Term Peak	2,400 watts	2,400 watts	1,200 watts	1,200 watts
Sensitivity (1 W/1 m)	98 dB	98 dB	100 dB	99 dB
Impedance (nominal)	8 ohms	8 ohms	8 ohms	8 ohms

GUITAR/ INSTRUMENT SPEAKERS

Designed specifically for instruments, EVM® cone speakers will give your amp new life and create a punch that you won't believe.

The EVM® speakers are backed by EV's five-year warranty and factory service support.

EVM®

Careful design and strict quality control make EVM® speakers the best instrument cone speakers money can buy. Framed in cast aluminum, these speakers feature edge-wound, flat-wire aluminum voice coils to provide higher sensitivity, efficiency and superior heat dissipation.

EVM®12L

This 300-watt, 12-inch guitar speaker offers classic lead guitar sound.

EVM®10M

This 300-watt, 10-inch instrument speaker offers smooth response, clarity and punch.



EVM®12L



EVM®10M

STUDIO MONITORS



SENTRY®
100A



SENTRY®
100EL

Sentry® 100A

The Sentry® 100A is ideal when working with digital audio. For video or broadcast, these eight-inch, two-way near-field monitors sound incredible and are built tough enough to handle an occasional high-level burst common in everyday operation.

Sentry® 100EL

The Sentry® 100EL packs the same punch for digital audio as the Sentry® 100A, yet in addition it includes a specially matched 50-watt power amplifier for optimum performance. This model also includes extra component-protection circuitry in case of external electrical surges.

S-40

Don't let its small size fool you, at just under ten inches tall, the S-40 delivers surprising low end as well as accuracy at all frequencies which makes them ideal for live or studio use. EV's PRO™ circuit protection protects woofers and tweeters from harmful spikes and a low-flux-leakage magnetic design allows the S-40's to be placed near video or computer monitors. The S-40's are sold in pairs and offered in black (S-40B) or white (S-40W). A version with a built-in transformer (S-40T) is also available.

Sentry® 500



SENTRY®
500

Designed specifically for the larger studio and production facilities, the Sentry® 500 provides an honest sound for whomever is behind the board. Its 12-inch, two-way constant-directivity design provides uniform coverage throughout the listening area which broadens the area of the "sweet spot" allowing more than one person to hear the true mix.

S P E C I F I C A T I O N S

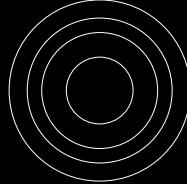
	Sentry® 500	Sentry® 100EL	Sentry® 100A	S-40
Frequency Range (-10 dB)	40-18,000 Hz	45-18,000 Hz	45-18,000 Hz	65-20,000 Hz
Power Handling Long-Term Average Short-Term Peak	100 watts 400 watts	50 watts 200 watts	30 watts 120 watts	160 watts 640 watts
Sensitivity (1 W/1 m)	96 dB	108 dB	91 dB	85 dB
Impedance (nominal)	8 ohms	30 kilohms (self-powered balanced input)	6 ohms	4 ohms
Coverage (h x v nominal)	110° x 110°	160° x 140°	160° x 140°	100° x 100°
Height Width Depth	603 mm (23.75 in.) 686 mm (27 in.) 330 mm (13 in.)	438 mm (17.25 in.) 305 mm (12 in.) 292 mm (11.5 in.)	438 mm (17.25 in.) 305 mm (12 in.) 282 mm (11.1 in.)	249 mm (9.8 in.) 178 mm (7 in.) 150 mm (5.9 in.)
Net Weight	31.8 kg (70 lb)	15 kg (33 lb)	12.7 kg (28 lb)	2.6 kg (5.7 lb)

ACCESSORIES

ACCESSORY	DESCRIPTION	AVAILABLE FOR:
MICROPHONES		
309A	Suspension shock mount	RE20, RE27N/D
311	Stand clamp	RE16, RE200, N/D468
320	Stand clamp	RE20, RE27N/D
323	"Stiff" stand clamp	N/D267, N/D767a
325	Boom or stand suspension shock mount	RE1000
422A	Desk stand with rubber shock mount that accepts microphone stand clamps, black	
CPSM	Shock mount	RE90P-12, RE90 -18, PolarChoice™12, PolarChoice™18
FMK	Flange mount	RE90P-12, RE90 -18, PolarChoice™12, PolarChoice™18
WIRELESS MICROPHONES		
APD4	Antenna/power distribution system	
CLA-5	1/2-wave antenna (690-725 MHz)	
CS200TX	Cardioid lavalier with TA4F	R100
CXU-25	25-foot volt-loss cable with TNC connector	
CXU-50	50-foot volt-loss cable with TNC connector	
CXU-75	75-foot volt-loss cable with TNC connector	
CXU-100	100-foot volt-loss cable with TNC connector	
HM1TX	Headset microphone with TA4F	R100
HM2	Headset condenser cardioid microphone	
LPA500	Log periodic antenna with hardware	
MSSA	Deluxe stand adapter for handheld transmitters	
OLM-10	Omnidirectional condenser lavaliere microphone	
SPEAKERS		
100BK	Speaker stand	Sb and Sx systems (Sx80 needs Sx80SM)
Sx80MBB	Wall/ceiling bracket	Sx80
SX80SM	Stand-mount adapter	Sx80
F200	Monitor feet	Sx100+, Sx300, Sx300a
Mb100	Eyebolt attachment kit	Sx100+, Sx300, Sx300a
Mb200	Wall/ceiling bracket	Sx100+, Sx300, Sx300a
Mb300	Horizontal array kit	Sx100+, Sx300, Sx300a
Mb500	Wall/ceiling bracket	Sx500+
Mb600	Horizontal array kit	Sx500+
M700	Eyebolt attachment kit	Sx500+
VPC500	Vinyl cover	Sx500+
PD500	Padded case	Sx500+
PDSx	Padded case	Sx100+, Sx300, Sx300a, Sb121
VPCSx	Vinyl cover	Sx100+, Sx300, Sx300a, Sb121
G500	Full-face steel grille	Sx500+
HSMT-1	Hanging kit	MTH/MTL
HST series	Hanging kits	T-Series™
S-40MBB	Wall/ceiling bracket	S-40
SRB-7	Rack/wall bracket	Sentry® 100A/EL

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STADIUMS AND EVERYWHERE IN
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Australia Unit 23, Block C, Slough Business Park, Slough Avenue, Silverwater, N.S.W. 2128, Australia, Phone: 61/2-9648-3455, FAX: 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: 852-2351-3628, FAX: 852-2351-3329
Japan 2-5-60 Izumi, Suginami-ku, Tokyo, Japan 168, Phone: 81-3-3325-7900, FAX: 81-3-3325-7789
Singapore 3015A Ubi Rd 1, 05-10, Kampung Ubi Industrial Estate, Singapore 408705, Phone: 65-746-8760, FAX: 65-746-1206
Mexico Av. Parque Chapultepec #66-201, Col. El Parque Ed. Mex. 53390, Phone: (52) 5358-5434, FAX: (52) 5358-5588
UK 4, The Willows Centre, Willow Lane, Mitcham, Surrey CR4 4NX, UK, Phone: 44 181 640 9600, FAX: 44 181 646 7084
Africa, Mid-East 12000 Portland Ave South, Burnsville, MN 55337, Phone: 952-887-7424, FAX: 952-887-9212
Latin America 12000 Portland Ave South, Burnsville, MN 55337, Phone: 952-887-7491, FAX: 952-887-9212

U.S.A. and Canada only.

For customer orders, contact the Customer Service department at
800/392-3497 Fax: 800/955-6831

For warranty repair or service information, contact the Service
Repair department at 800/685-2606

For technical assistance, contact Technical Support at 877/863-4166

Please refer to the Engineering Data Sheet for warranty information.

Specifications subject to change without notice.