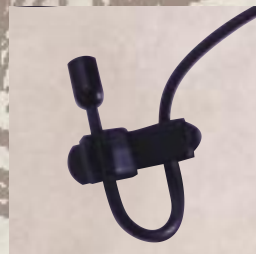




RE90 ARCHITECTURAL MICROPHONE SERIES



MINIATURE
ELECTRET
CONDENSER
MICROPHONES

ONE VOICE. NATURALLY.



Wherever they're used — house of worship, boardroom, school auditorium — EV RE90 Architectural Microphones blend seamlessly into the architecture. Models of simplicity, they are easy to install, use and service (should that ever be necessary).

Using a microphone should be easy and enjoyable for everyone. The presenter wants to sound his or her natural best, without fear of feedback, cut-out, noise or distortion — or of sounding like a different person when switching microphones. Sound reasons for selecting Electro-Voice RE90 Series architectural microphones.

These miniature electret condenser microphones are available in podium, hanging, lapel and boundary models. Fixed. Portable. Omnidirectional. Unidirectional. An EV family of microphones suitable for many applications and venues. Each with the same great sensitivity to sound pick-up and a remarkable clarity and consistency. Even when shifting from one RE90 to another — they have the same frequency response characteristics. No need to remix. It's all in the family.

But there is still more to recommend the RE90 Series. Streamlined, they blend seamlessly into the architecture. They are also models of simplicity. For easy installation, use, and service (should service ever be required), the power module is integrated within each microphone — no need to install a separate unit. Yet, the lapel mic is smaller, the hanging mics more shapely, the podium mics more slender, and the boundary mics lower in profile, than others on the market.

Perhaps you think the quality and design innovations of the Electro-Voice RE90 Series places them beyond your budget. Not at all. Neither now nor later. Not only are they competitively priced, they are unconditionally guaranteed for two full years and backed by a limited lifetime warranty on the element. They are, after all, made by Electro-Voice.



Microphone elements not shown actual size.



RE90P-12/RE90P-18 UNIDIRECTIONAL PODIUM MICROPHONE

Acoustically designed for high-quality sound reinforcement and public address applications, this slim-profile podium microphone picks up and reproduces sound naturally for either distant or close-up delivery. The gooseneck, 12-inch (RE90P-12) or 18-inch (RE90P-18), can be precisely positioned without excessive twisting and turning. Small in diameter, it has two supple joints and a rigid center tube.

The electronics module is housed in the gooseneck base, which makes installation and service quick and easy. The RE90P mounts to a lectern, pulpit, or podium equipped with the proper receptacle. Or install with the optional flange-mount and shock-mount kits. Unobtrusive, however it is used.

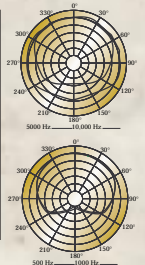
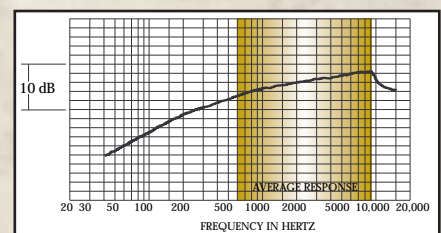
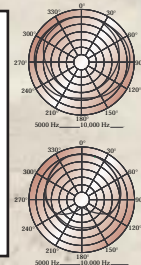
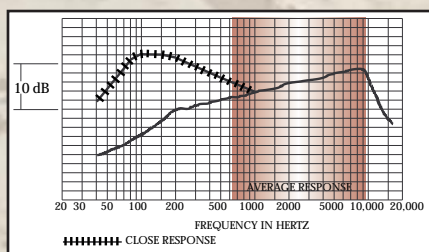
- Small, streamlined appearance.
- Quick-connect to female XLR-type, 3-pin receptacle.
- Permanent installation with optional FMK flange-mount kit and CPSM shock-mount kit.
- Choice of 12-inch or 18-inch gooseneck.
- Microphone can be exactly positioned without unsightly twisting and turning.
- Uniform cardioid polar pattern.
- Steel construction reduces noise from magnetic field and RFI.

RE90H/RE90HW UNIDIRECTIONAL HANGING MICROPHONE

Ideal for choir, instrumental and vocal groups, and live theatre, this hanging microphone is so sensitive it catches the smallest sigh, the softest note. So faithful to the performance, so natural in delivery, everyone in the audience can hear every word, experience every nuance. It's ideally suited for distant sound pick-up, with a precisely controlled polar response designed to suppress feedback without coloring the sound.

The RE90H/RE90HW features an exclusive braided, shielded cable which prevents the microphone from rotating, keeping it firmly in place, even with wide swings in temperature or humidity. There's no need for awkward "fish-line" tethering.

- Non-reflecting black (RE90H) or low-gloss white (RE90HW) with matching cable.
- Shielded pre-amp is highly-resistant to electrical noise and radio frequency interference.
- High gain electronics for added reach.
- 25-ft. braided, shielded cable maintains microphone's position (no rotation).
- Cardioid polar pattern.
- Three-pin male XLR-type output connector.



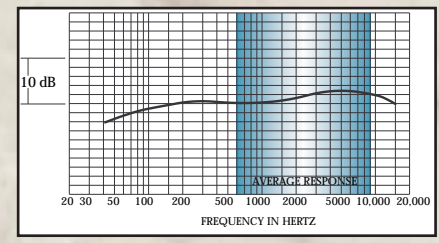


**RE90L ULTRAMINIATURE,
OMNIDIRECTIONAL LAPEL MICROPHONE**

Hearing is believing (you have to look closely to *see* it). Ultraminiature and ultralightweight, anyone wearing the RE90L can easily forget he or she is wired. Designed for sound reinforcement in applications such as houses of worship, schools and business presentations, this smallest, lightest of all microphones on the market, has the highest quality sound characteristics. It is well-balanced throughout its full range. Omnidirectional output is uniform and natural, no matter where the microphone is placed.

The compact electronics housing is made of a high-strength polycarbonate that is very lightweight but very durable. A side clip attaches the unit to belt, waistband or pocket.

- Ultraminiature and lightweight (the smallest available).
- Omnidirectional.
- Tiny but sturdy 6-foot shielded cable.
- Alligator and tie-tac clips included.
- Lightweight, clip-on electronics pack.



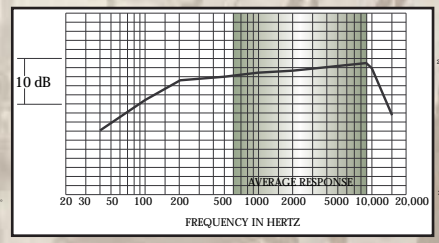
RE90B/RE90BW BOUNDARY MICROPHONE

With the lowest profile of any boundary microphone, the RE90B/RE90BW is one of the smallest available. Unidirectional, it picks up every word and delivers it fully and naturally, without the distraction of ambient noise.

The RE90B is specifically designed for surface-mounted applications such as distance learning centers, video- or teleconferencing systems, classrooms, and houses of worship. It can be placed on a surface for temporary use, routing its miniature cable from the rear where it's barely visible. Or installed permanently, with the hidden cable routed through a hole in the surface.

The microphone is equipped with internal padding, printed circuit board, fiber washers for the mounting screws, and a rubber, non-slip pad covering the entire base. These elements combine to give you the advantage of extremely low surface-to-microphone vibration. And built-in equalization provides a fuller, more natural sound than other typical boundary microphones.

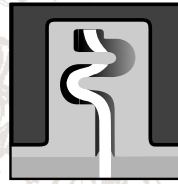
- Nonreflecting black (RE90B) or low gloss white (RE90BW)
- Heavy-duty zinc die-cast body and strong, perforated steel screen.
- Low profile.
- Half-cardioid polar response promotes excellent gain-before-feedback.
- Built-in electronic equalization compensates for baffle effect.
- High gain electronics for greater reach.
- Fixed or portable.
- Miniature 6-foot cable, two-way cable routing, and tamper-resistant terminal block connection.
- Full-base, non-slip shock pad.
- Electrically isolated case.



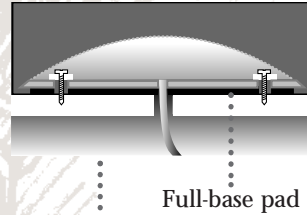
Sound Reasons for the Superiority of the Electro-Voice
RE90 Architectural Microphone Series

- Most natural sound in the field.
- Consistent sound quality and performance.
- Durable, with a dependable, long life.
- Simple to install. Easy to operate.
- Affordable. Competitively priced.
- Unconditional, two-year guarantee.
- Limited lifetime warranty on the element.

WITH THE LOWEST PROFILE OF ANY BOUNDARY MICROPHONE, THE RE90B/RE90BW IS ONE OF THE SMALLEST AVAILABLE.

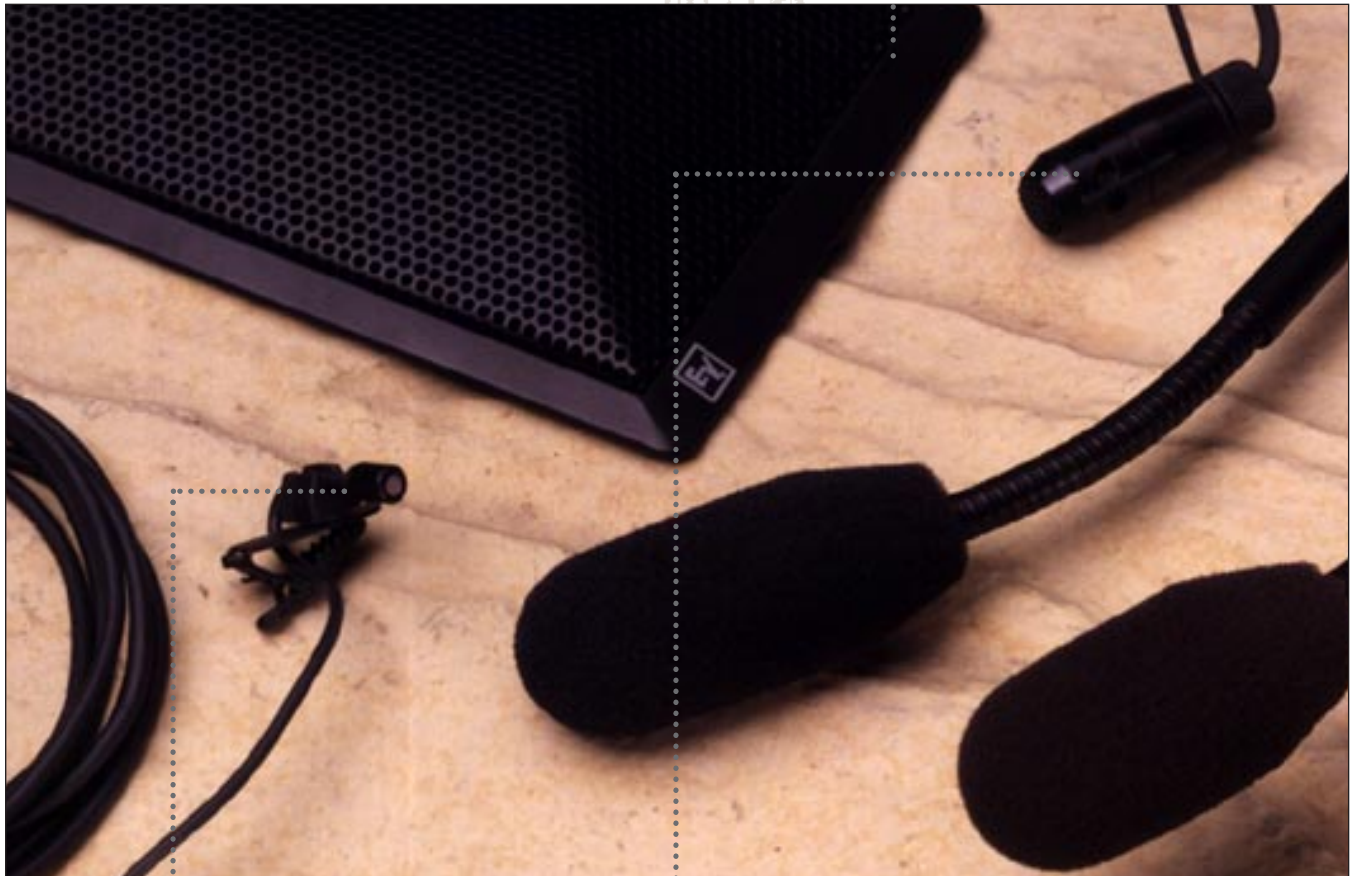


The microphone features a unique "S-Curve" cording mechanism. This allows the miniature cord to be easily and quickly routed to the back of the microphone for portable use.



Internal padding, a rubber, non-slip pad covering the entire base, and fiber washers for mounting screws, minimize surface vibrations. For permanent installation the cable can be totally hidden by routing it through the surface.

Full-base pad



Ultraminiature, ultralightweight, the RE90L provides uniform, natural sound. The included alligator and tie-tac clips make it easy to place the microphone anywhere on clothing. Lightweight electronics pack has side clip.



An exclusive braided, shielded cable prevents the RE90H/RE90HW hanging microphone from rotating, even with wide swings in temperature or humidity. No need for awkward "fish-line" tethering.

The slim-profile RE90P-12 and RE90P-18, with power module in the base, mount quickly to lectern, pulpit or podium. The gooseneck, 12-inch or 18-inch, can be precisely positioned without excessive twisting and turning.



MODEL:	RE90B and RE90BW	RE90H and RE90HW	RE90L	RE90P-12 and RE90P-18
DESCRIPTION:	Barrier, Boundary Microphone	Hanging Microphone	Ultra-Miniature Lapel Microphone	12-inch (RE90P-12) 18-inch (RE90P-18) Microphone
ELEMENT:	Condenser	Condenser	Condenser	Condenser
POLAR PATTERN:	Cardioid	Cardioid	Omni	Cardioid
FREQUENCY RESPONSE:	80-15KHz	75-15kHz	50-18kHz	70-15kHz
SENSITIVITY:	25mV/pascal	27mV/pascal	12.6mV/pascal	4.5mV/pascal
DYNAMIC RANGE:	102 dB	95 dB	103 dB	102 dB
POWER REQUIREMENT:	9-52 Vdc	9-52 Vdc	9-52 Vdc	9-52 Vdc
CURRENT CONSUMPTION:	2.5 mA	2.0 mA	1.0 mA	2.5 mA
OUTPUT IMPEDANCE:	200 Ohms	200 Ohms	100 Ohms	200 Ohms
FINISH:	Low-Gloss Black (RE90B), Low-Gloss White (RE90BW)	Low-Gloss Black, (RE90H), Low-Gloss White (RE90HW)	Low-Gloss Black	Low-Gloss Black
DIMENSIONS:	94.1 mm (3.7 in.) W x 128.4 mm (5.1 in.) L x 16.0 mm (0.63 in.) H	12.7 mm (0.4 in.) D x 36.8 mm (1.45 in.) L	4.9 mm (0.19 in.) D x 8.1 mm (0.32 in.) L	12.7 mm (0.4 in.) D x 40.0 mm (1.6 in.) L
FEATURES:	Low profile, rugged construction; full-base non-slip shock pad; miniature 6-foot cable; standard 3-pin male XLR-type output connector	Small profile, rugged construction; 25-foot braided, shielded cable; standard 3-pin male XLR-type output connector	External windscreen, alligator clip, and tie-tac clip included; 6-foot shielded cable; light-weight clip-on 3-pin XLR-type output connector	Flexible, durable steel tube and gooseneck construction, external pop filter included; optional FMK flange mount and CPSM shock mount kits available; standard 3-pin male XLR-type output connector



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