

## **Electro-Voice RE90P12 12 inch XLR Base Condenser Cardioid Gooseneck Microphone (Frequency Response 10Hz to 15kHz)**

**This listing is for RE90P-12 Microphone only. Use description below as a general reference.**

The Electro-Voice RE90P-12 and RE90P-18 podium microphones are phantom-powered "back-electret" miniature condenser gooseneck microphones. The back-electret feature provides greater sensitivity, wider frequency response, and superior immunity from handling noise than a diaphragm-electret microphone. The RE90P-12 and RE90P-18 are highly-shielded from RFI/GSM interference, and are mechanically designed for quick, easy mounting to a lectern, pulpit or podium equipped with a bulkhead female XLR-type 3-pin receptacle. For permanent installation, optional fixed (FMK flange-mount kit) and shock-mounted (CPSM shock-mount kit) accessories are also available. The RE90P-12 and RE90P-18 are designed for sound reinforcement applications. The frequency response is tailored for full-range sound reproduction with natural sound pick-up optimized for close-up use. The small diameter gooseneck has two supple joints and a rigid center tube. The rigid tube prevents unsightly twisting of the gooseneck but permits the user to exactly position the microphone.

The electronics housing has a 3/4 - inch diameter base terminated with an XLR-type 3-pin connector which allows the microphone to be plugged directly into an existing panel-mount XLR-type receptacle. The electronics' output circuit utilizes a transformerless balanced construction with a low-output impedance, which is typically 200 ohms.

This permits very long cable runs without degrading the microphone performance. The RE90P-12 and RE90P-18 are designed to be phantom powered with a wide voltage range, 9-52 V dc (DIN Standard 45 596).

### **Features:**

- RF Shield provides superior RFI/GSM shielding.
- Small size - unobtrusive for podium applications.
- Frequency and cardioid polar response uniform across the range, for natural sound and high resistance to feedback.
- Low, 200-ohm output allows long cable runs.
- Optional CPSM podium shock mount provides more than 15 dB of mechanical shock isolation at 200 Hz.