


# PolarChoice™

F o u r m i c s i n o n e



The  
revolutionary  
omni,  
cardioid,  
supercardioid,  
hypercardioid,  
podium  
microphone.

## The first podium microphone with four polar patterns

Introducing PolarChoice™ by EV — the podium microphone that gives you unprecedented performance and flexibility — it's like four microphones in one!

PolarChoice has four pickup patterns that allow you to select the perfect pattern for minimum feedback and background noise. This exclusive feature means you can select from omnidirectional, cardioid, supercardioid and hypercardioid patterns without separate microphones or interchangeable heads — just select the desired pattern with the rotary control.

PolarChoice's condenser transducers and sophisticated electronics ensure that response remains uniform regardless of which pattern you select. The frequency response is tailored for wide-range sound reproduction with every accurate response either distant or close-up. What's more, its specially designed electronics have incredible headroom while its triple windscreen is very effective at suppressing "P" pops. Either novice or experts can achieve optimum performance with PolarChoice.

Now, there's no need for an inventory of single-pattern microphones or expensive microphones with interchangeable heads. With PolarChoice, you can use the same microphone in many settings with different speaker configurations and achieve optimum performance by using the correct pickup pattern.

PolarChoice is the microphone of choice for churches, hotels, meeting rooms or other multi-purpose facilities. When exceptional sound quality and innovative flexibility are important, your first choice is PolarChoice.



Electro-Voice®

# PolarChoice™

F o u r m i c s i n o n e

## The first podium microphone with four polar patterns

- Four selectable polar patterns — omni, cardioid, supercardioid and hypercardioid — to minimize feedback and background noise.
- Identical frequency response, regardless of pattern selected — no need to change EQ settings.
- Smooth, articulate, peak-free response for superior gain-before-feedback.
- Triple layer windscreen and sophisticated circuitry ensures ultra-low “P” popping and high headroom.
- Supple joints and rigid center tube permit exact positioning of microphone.
- Shielded pre-amp is highly resistant to electrical noise and RF interference.
- Three-pin male XLR-type output connector.
- Available with 12- or 18-inch gooseneck.
- Non-reflecting black finish.

**Frequency Response:** 75 Hz to 15,000 Hz

**Sensitivity:**

Open Circuit Voltage, 1 kHz: 5.6mV/pascal  
 Power Level, 1kHz (0 dB=1 mW/pascal): -44dB  
 Clipping Level (1% THD): >130 dB SPL

**Dynamic Range:** >102 dB

Output Impedance, 1 kHz: 200 ohms

**Power Requirements:** 9 to 52 V dc phantom supply

**Current Consumption:** 2.8 mA

**Polarity:** Pin 2 positive, referenced to pin: 3, with positive pressure on the diaphragm

**Mounting:** Male XLR-type 3-pin connector

**Dimensions**

Gooseneck and Head Length:

PolarChoice 12: 298.5mm (11.75 in.)

PolarChoice 18: 461 mm (18.15 in.)

Maximum Head Diameter: 16.6 mm (0.65 in.)

Gooseneck Diameter: 6.4 mm (0.25 in.)

Electronics Module Diameter: 20 mm (0.79 in.)

Connector Diameter: 19 mm (0.75 in.)

**Accessories Furnished:**

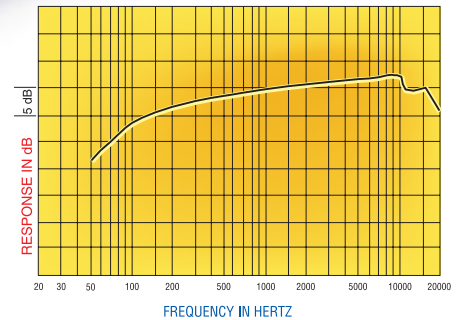
Windscreen

FMK flange-mount kit

CPSM shock-mount kit

The revolutionary PolarChoice™ microphone produces four polar patterns, eliminating the need for separate microphones or units with interchangeable heads to meet different applications. With PolarChoice, you select the polar pattern to fit a particular acoustical environment by simply rotating the four-position selector with a flat-bladed screwdriver.

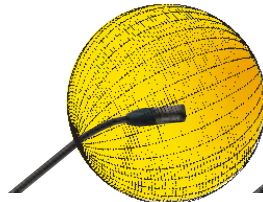
Frequency response chart



Selector switch at 0 position



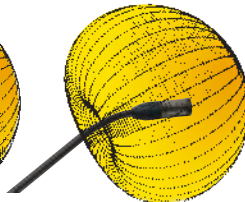
Omnidirectional



Selector switch at 1 position



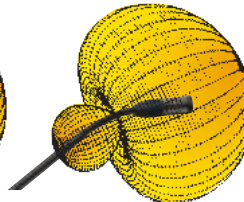
Cardioid



Selector switch at 2 position



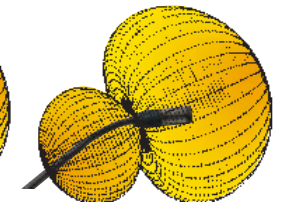
Supercardioid



Selector switch at 3 position



Hypercardioid



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