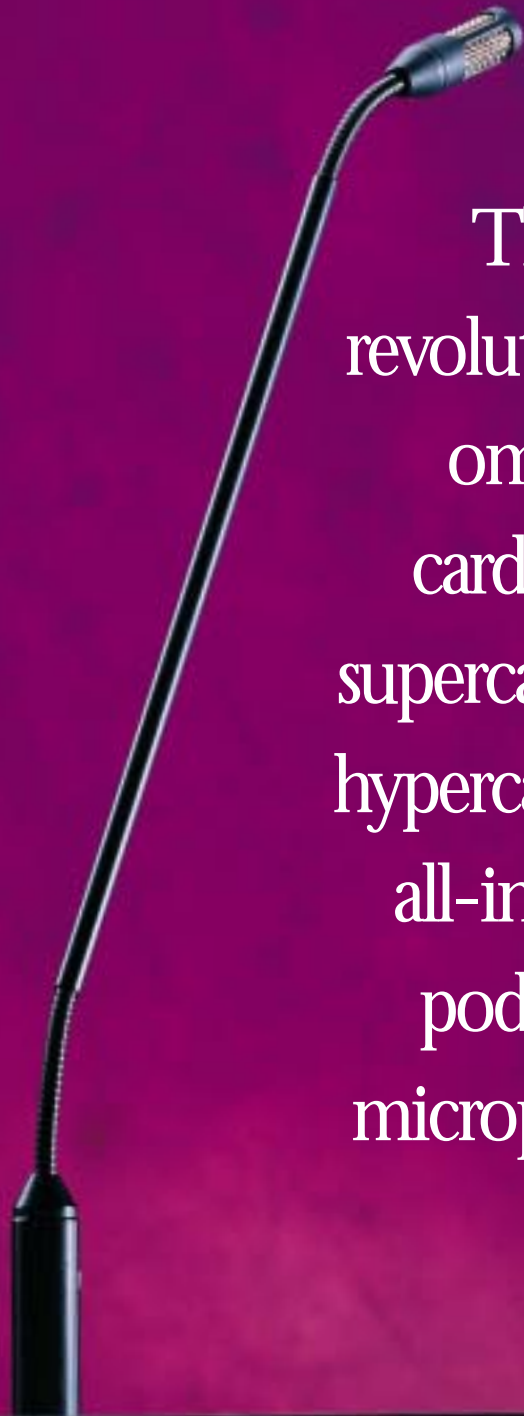


# PolarChoice™



The  
revolutionary  
omni,  
cardioid,  
supercardioid,  
hypercardioid,  
all-in-one  
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™ offers the option of four different pickup patterns, allowing the selection of the best pattern for the application. The ability to conveniently select from omnidirectional, cardioid, supercardioid or hypercardioid assures the maximum protection against system feedback and ambient background noise. No need to inventory single-pattern microphones or expensive interchangeable heads. Just select the pattern that fits your needs with a convenient and easy turn of a rotary switch.

PolarChoice™ microphones feature our exclusive dual-mounted condenser transducer and sophisticated electronics to ensure that regardless of the pattern selected, the response will remain smooth, accurate and uniform. The use of EV's patented triple-layer Acoustifoam™ windscreen minimizes the level of annoying "P pops" commonly associated with other podium microphones. It all adds up to high performance and high value.

Whether your requirement is for houses of worship, hotels, meeting rooms, or other multipurpose facilities where exceptional sound quality and unmatched flexibility are critical, your first choice should be PolarChoice™.



# PolarChoice™

## 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 ensure ultralow “P popping” and high headroom
- Supple joints and rigid center tube permit exact positioning of microphone
- Shielded preamp is highly resistant to electrical noise and RF interference
- Three-pin male XLR-type output connector
- Available with 12- or 18-inch gooseneck
- Nonreflecting black finish

Frequency Response: 75– 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:

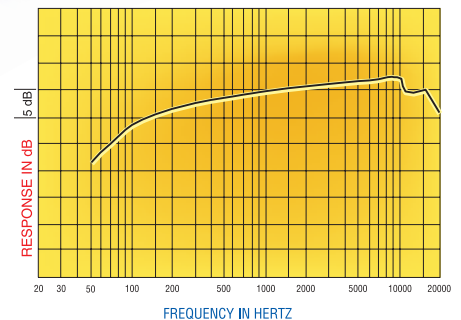
Windscreen

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-blade screwdriver.

Frequency response chart



Selector switch at 0 position



Omni

Selector switch at 1 position



Cardioid

Selector switch at 2 position



Supercardioid

Selector switch at 3 position



Hypercardioid



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