



# PolarChoice

Available in a variety of boundary, podium and desktop models, EV's PolarChoice installation microphones feature user-selectable polar patterns—omnidirectional, cardioid, supercardioid and hypercardioid (figure "8" on the PC Boundary)—that allow a single mic to be used in multiple situations. Deploying EV's exclusive RF Shield™ technology, PolarChoice microphones now maximize protection from destructive RF and GSM interference.

## PC Boundary MULTI-PATTERN BOUNDARY LAYER MICROPHONE



The PC Boundary is a very low-profile area microphone that can be used on any surface and with virtually any mic mixer. Featuring multiple on-board polar patterns—three directional and one omni—the PC Boundary is ideal for any installation where premium-grade area coverage and protection from RF/GSM interference are required.

- Easy switching between omni, cardioid, supercardioid or figure "8" polar patterns
- Versatility for different acoustic environments
- Consistent microphone voicing across all four patterns
- Easy-to-use mute switch, programmable for either latching on/off or momentary operation
- RF Shield™ guards against RF/GSM interference

## PC Desktop MULTI-PATTERN DESKTOP MICROPHONE



The PC Desktop is a free-standing tabletop microphone with a dual-section gooseneck, an elegant base and RF Shield™ protection from RF/GSM interference. With easy switching between four polar patterns—omni, cardioid, supercardioid or hypercardioid—the PC Desktop is always the right microphone, even under a variety of conditions.

Available with 5", 12" or 18" gooseneck.

- Easy switching between omni, cardioid, supercardioid or hypercardioid polar patterns
- Mute switch with LED can be programmed as either push on/off or push-to-mute
- Smooth, uniform frequency response in all patterns
- Extended low-frequency response and switchable high-pass filter
- RF Shield™ guards against RF/GSM interference

## PC Plus MULTI-PATTERN PODIUM MICROPHONE



The PC Plus with dual-section gooseneck is the first podium microphone that has the flexibility to be installed into any environment. Delivering RF/GSM protection via RF Shield™ and four switchable PC polar patterns, it can be mounted via a standard three-pin XLR connector or permanently flush-mounted to a podium or tabletop.

Available with 5", 12" or 18" gooseneck.

- Easy switching between omni, cardioid, supercardioid or hypercardioid polar patterns
- Mute switch with LED can be programmed as either push on/off or push-to-mute
- Smooth, uniform frequency response in all patterns
- Extended low frequency response and switchable high-pass filter
- RF Shield™ guards against RF/GSM interference

## PC/XLR MULTI-PATTERN GOOSENECK MICROPHONE WITH XLR



The PC/XLR podium microphone with dual-section gooseneck is designed for installation into an existing three-pin XLR-F jack. Offering RF/GSM protection via RF Shield™ and four switchable PC polar patterns, it can be mounted into flush-mount, recessed or standard connectors on a podium or tabletop.

Available with 12" or 18" gooseneck.

- Easy switching between omni, cardioid, supercardioid or hypercardioid polar patterns
- Smooth, uniform frequency response in all patterns
- The most natural-sounding podium mic on the market
- Mates well with the CPSM recessed shock mount accessory
- RF Shield™ guards against RF/GSM interference

## PC/FL MULTI-PATTERN GOOSENECK MICROPHONE WITH FLANGE MOUNT



PC/FL models are the flange-mount equivalent of the PC/XLR microphone. The four available PC polar patterns are switched at the cable mounted XLR-M sized preamp module at the end of the 20' low-noise cable. The PC/FL models deploy EV's exclusive RF Shield™ technology to maximize protection from destructive RF and GSM interference.

Available with 12" or 18" gooseneck.

- Easy switching between omni, cardioid, supercardioid or hypercardioid polar patterns
- Smooth, uniform frequency response in all patterns
- The most natural-sounding podium mic on the market
- Installs via an included flange mount kit with knurled brass threaded housing
- RF Shield™ guards against RF/GSM interference

## PolarChoice WIRELESS CONVERSIONS

PolarChoice Satellite models combine the performance and versatility of our wired PC microphone models with the portability, ease-of-use and ease of secure storage that only a wireless solution can offer. Excellent for any installation, they are perfect for jobs where modification of existing furnishings is prohibited or where functional requirements make portability the best solution. Coupled with an Electro-Voice or Telex brand wireless bodypack system, these Satellite models become a key component in an ideal wireless solution and deploy EV's exclusive RF Shield™ protection from destructive RF and GSM interference.

### PC Boundary Satellite MULTI-PATTERN BOUNDARY LAYER MICROPHONE



The PC Boundary Satellite is a low-profile area microphone that can be used on any surface and conveniently adapted to any Electro-Voice or Telex wireless bodypack transmitter. Featuring the identical polar pattern, filter and mute-switch functionality as its wired counterpart, it is ideal for any wireless installation requiring premium-grade area coverage and RF Shield™ protection from RF/GSM interference.

- Accepts EV (REV, RE-2, RE-2 Pro) and Telex (FMR or SAFE-1000) bodypack transmitters
- Easy switching between omni, cardioid, supercardioid or figure "8" polar patterns
- Versatility for different acoustic environments
- Easy-to-use mute switch, programmable for either latching on/off or momentary operation
- RF Shield™ guards against RF/GSM interference

### PC Desktop Satellite MULTI-PATTERN DESKTOP MICROPHONE



The PC Desktop Satellite is a tabletop microphone, including base and dual-section gooseneck, that can be conveniently adapted to any Electro-Voice or Telex brand wireless bodypack transmitter. Featuring the identical polar pattern, filter and mute-switch functionality as its wired counterpart, it is ideal for virtually any wireless installation requiring a premium-grade tabletop base with gooseneck and RF Shield™ protection from RF/GSM interference.

Available with 5", 12" or 18" gooseneck.

- Accepts EV (REV, RE-2, RE-2 Pro) and Telex (FMR or SAFE-1000) bodypack transmitters
- Easy switching between omni, cardioid, supercardioid or hypercardioid polar patterns
- Mute switch with LED can be programmed as either push on/off or push-to-mute
- Extended low frequency response and switchable high-pass filter
- RF Shield™ guards against RF/GSM interference

|                      | PC Boundary                                   | PC Desktop   | PC Plus  | PC/XLR   | PC/FL  | PC Boundary Satellite                         | PC Desktop Satellite                               |
|----------------------|---|--|--|--|--|---|--|
| Mic Type             | Boundary                                      | Gooseneck  | Gooseneck  | Gooseneck  | Gooseneck  | Boundary                                      | Gooseneck  |
| Element              | Dual condenser (back-electret)                | Dual condenser (back-electret)                     | Dual condenser (back-electret)                     | Dual condenser (back-electret)                     | Dual condenser (back-electret)                     | Dual condenser (back-electret)                | Dual condenser (back-electret)                     |
| Polar Pattern        | Omni<br>Cardioid<br>Supercardioid<br>Figure 8 | Omni<br>Cardioid<br>Supercardioid<br>Hypercardioid | Omni<br>Cardioid<br>Supercardioid<br>Hypercardioid | Omni<br>Cardioid<br>Supercardioid<br>Hypercardioid | Omni<br>Cardioid<br>Supercardioid<br>Hypercardioid | Omni<br>Cardioid<br>Supercardioid<br>Figure 8 | Omni<br>Cardioid<br>Supercardioid<br>Hypercardioid |
| Frequency Response   | 50–20,000 Hz                                  | 50–20,000 Hz                                       | 50–20,000 Hz                                       | 50–20,000 Hz                                       | 50–20,000 Hz                                       | 50–20,000 Hz                                  | 50–20,000 Hz                                       |
| Impedance            | 200 Ω   | 200 Ω  | 200 Ω  | 200 Ω  | 200 Ω  | 1000 Ω  | 200 Ω  |
| Open Circuit Voltage | 31.5 mV/Pascal                                | 5.6 mV/Pascal                                      | 5.6 mV/Pascal                                      | 5.6 mV/Pascal                                      | 5.6 mV/Pascal                                      | 17.8 mV/Pascal                                | 5.6 mV/Pascal                                      |
| Power Requirements   | 12–52 VDC                                     | 12–52 VDC  | 12–52 VDC  | 12–52 VDC  | 12–52 VDC  | 5 VDC (via optional bodypack)                 | 5 VDC (via optional bodypack)                      |
| Connector Type       | Three-pin XLR                                 | Three-pin XLR                                      | Three-pin XLR                                      | Three-pin XLR                                      | Three-pin XLR                                      | TA4F  | TA4F   |
| Case Material        | Steel   | Steel  | Steel  | Steel  | Steel  | Steel   | Steel  |
| Finish               | Non-reflective camera black                   | Non-reflective camera black                        | Non-reflective camera black                        | Non-reflective camera black                        | Non-reflective camera black                        | Non-reflective camera black                   | Non-reflective camera black                        |
| RF/GSM Protection    | RF Shield™                                    | RF Shield™   | RF Shield™   | RF Shield™   | RF Shield™   | RF Shield™                                    | RF Shield™   |

WIRED

LIVE

BROADCAST

INSTALLATION

GENERAL

WIRED

LIVE

BROADCAST

INSTALLATION

GENERAL