



Apex141 – Low Profile Podium Mount Shotgun Condenser Microphone

Overview:

The Apex141 is a compact, small-diameter gooseneck podium microphone that offers flexible positioning with a sleek, low-profile appearance. A uniform hypercardioid polar pattern delivers maximum off axis noise rejection for increased clarity. The integrated user switchable low-cut filter reduces pickup of low-frequency ambient noise and rumble offering maximum intelligibility.

Features:

- Ultra Low Profile Design
- Hypercardioid Polar Pattern for Maximum Off Axis Noise Rejection
- Rugged All Metal Housing
- Integrated Switchable High Pass Filter
- Flexible Integrated Gooseneck
- Black Non-reflective Finish

Installation and Operation:

The Apex141 requires 9V to 52V phantom power for operation. Output is low impedance balanced. The output connector mates with XLR-F cable connectors with the balanced signal appearing across Pins 2 and 3. Ground (shield) connection is Pin 1. Output is phased so that positive acoustic pressure produces positive voltage at Pin 2, in accordance with industry convention.

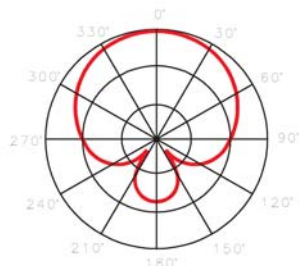
The microphone is enclosed in a rugged housing with a low reflectance black finish. It features an XLR Male connector insert at its base, allowing it to be plugged directly into any typical XLR-F panel jack or microphone cable. It is advised that the Apex141 be installed using the optional Apex-PM podium shockmount plate for maximum performance and to isolate microphone.

The provided foam windscreen simply slips over the element, effectively reducing wind noise and “popping.” An integrated 100Hz high-pass filter provides easy switching from a flat frequency response to a low-end roll-off. The roll-off position reduces the pickup of low-frequency ambient noise. To engage the filter, use tip of a paperclip or other small pointed instrument to slide the switch to the roll-off position (down).

Specifications:

Type:	Back Electret Condenser
Polar Pattern:	Hypercardioid
Frequency Response:	50Hz to 18kHz
Sensitivity:	-54dB +/- 3dB (0dB = 1uBar @ 1kHz)
Output Impedance:	60Ω ± 30% (at 1 KHz)
Power Requirement:	9 – 52 V Phantom Power
Length:	13 inches (33cm)
Connector:	3-pin Male XLR

Polar Pattern:



Frequency Response Graph:

