

# Panoramic Microphone

## MAIN FEATURES

- Dual low cut filter (80 Hz/120 Hz)
- Configurable push-button (PTT, PTM or switching function)
- Robust and shock-absorbing body
- Elastic cartridge suspension for preventing structure-borne noise and impact sound
- Include 8 m cable mini XLR jack to XLR plug
- With preformed outline at the bottom for possible wall mounting

## DESCRIPTION

Boundary Microphone CM-601 is designed for speech applications in meeting, conferencing, and house of worship-based environments. With its low-profile design combined with a hemispherical pickup pattern, it provides consistent, even pickup in front and rejects unwanted sound from the back. It features a configurable push-button and Standby LED. Elastic cartridge suspension prevents impact sound and structure-borne noise.

## TECHNICAL SPECIFICATIONS

### GENERAL

Code		27516
Type		Electret condenser

### ACOUSTIC SPECIFICATIONS

Frequency response	Hz	30 - 12k
Low frequency roll-off	Hz	80, 120
Sensitivity to 1000Hz		-53 ±3dB (2.3mV) 0dB = 1V / μbar
MAX SPL for 1% THD	dB	125
Signal-to-noise ratio	dB	67
Impedance	Ohm	100
Directional pattern		Half-cardioid

### POWER SUPPLY 12-52 VDC phantom power

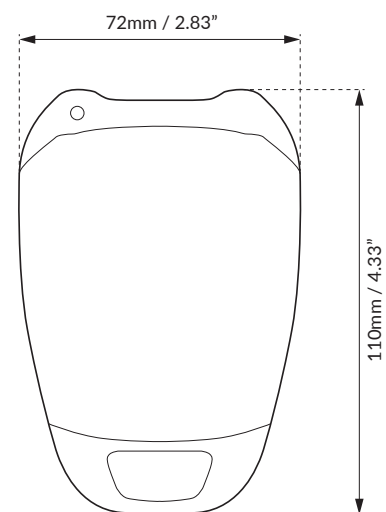
Current consumption	mA	≥ 6
Output connector		3P mini XLR-M type (power module)

### MECHANICAL SPECIFICATIONS

Material		Metal
Switches push control		ON / OFF
Function selection		Push ON / OFF, momentary ON / OFF
Low cut		Low frequency roll-off
Net dimensions (WxD)	mm	72 x 110
	inch	2.83 x 4.33
Net weight	kg	0.30
	lb	0.66



## DIMENSIONAL DRAWING



## INSTALLATION / MAINTENANCE PROCEDURES

- The CM-601 is designed for conference, house of worship, and theater applications.
- The CM-601 features a red LED indicator, a 3-step Low-Cut switch, and a back-electret cardioid condenser capsule.
- The membrane ON/OFF switch can be programmed to PUSH ON/PUSH OFF, PUSH TO TALK, and PUSH TO MUTE three modes.
- The precisely calculated circuit, plus tailored capsule response, ensures transparent sound quality.
- Internal shock mount minimizes mechanical noise.