

# CM-602 UNIDIRECTIONAL CONDENSER BOUNDARY MICROPHONE

Thank you for choosing JTS unidirectional Condenser Boundary Microphone. In order to obtain the best efficiency, you are recommended to read this manual before using.

## Feature

- The boundary microphone is designed for conference, house of worship, and theater applications.
- The precisely calculated circuit plus tailored capsule response ensure transparent sound quality.
- Internal shock mount minimizes mechanical noise.
- The CM-602 features red LED indicator, membrane ON / OFF switch and back electric cardioid condenser capsule.
- The CM-602 is a simplified version of CM-601.

## Parts Identification

- ① Power On/Off LED Indicator
- ② Case
- ③ Harden Grill & Capsule
- ④ On / Off Switch
- ⑤ Output Connector (3P Mini XLR, Male)



## Use Instruction

### Installation (Figure 1)

1. Connect the Mini XLR end of supplied audio cable to the output socket on the rear of CM-602.
2. Connect the XLR end of audio cable to a mixer.

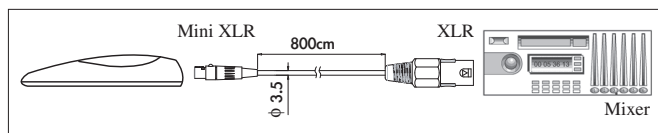


Figure 1

### Push On / Push Off

Press the On / Off Switch for sound pickup and press again to mute.

### LED Indicator

LED indicator shows the On/Off status. When the LED lights up, the microphone is ON and the power supply is normal.

### Recommendation

1. The microphone should be placed on a flat and unobstructed mounting surface.
2. The sound source should not be below or higher than 60 degree above the level of the mounting surface for efficiency miking. (Figure2)

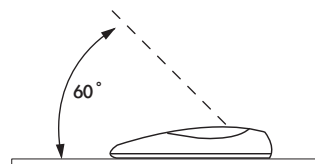


Figure 2

## Specification

Type: Electret Condenser

Frequency Response: 30 to 12,000 Hz (Figure 3)

Sensitivity:  $-53 \pm 3 \text{ dB}^*$  (2.23mV) 0dB=1V /  $\mu$  bar

Directional Pattern: Half-Cardioid (Figure 4)

Impedance: Rated impedance is 100  $\Omega$

Max. SPL For 1% THD: 125 dB at 1kHz

Signal To Noise Ratio: 67 dB

Power Supply: 12~52V DC phantom power

Current Consumption:  $\leq 6 \text{ mA}$

Output Connector: 3P Mini XLR- M type (power module)

Net Weight: 88 grams

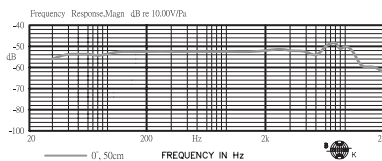


Figure 3

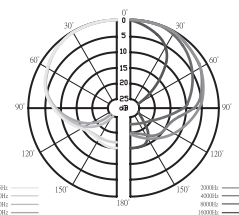


Figure 4

## Dimension (m/m)

