

# CENTRUM SOUND

## CONFERENCE MICROPHONE

CM-3

### *Add A New Dimension To Your Personal Listening Device.*

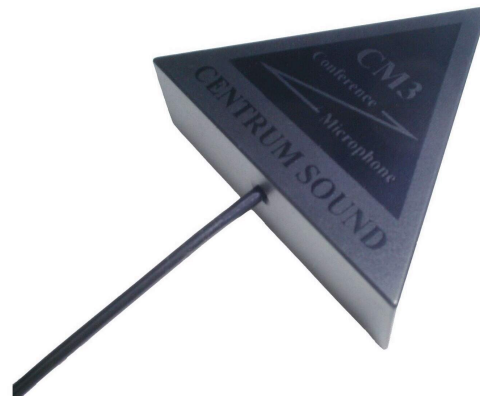
The CM-3 omni-directional conference microphone has been designed to enhance the pickup range for personal assistive listening devices thus eliminating the need to pass the microphone around to every speaker. Typical applications includes conference tables, panel set up, round table discussions, split-table set up, dinner arrangements, etc.

The CM-3 works with all brand name personal assistive listening devices employing electret microphones such as personal amplifiers, FM systems, Teleloop systems and IR systems.

The CM-3 is completely portable. The main body fits in palm of hand. The contemporary compact design affords discrete setup at any table. A dense body composition combined with large rubber feet prevents skidding on any surface and reduces annoying mechanical noises usually associated with group arrangements.

The CM-3 is a so-called boundary type microphone where the hard reflective surface it is placed on constitutes the boundary. To enhance intelligibility for the hearing impaired person, the microphone has been designed to provide a 10 dB boost at 3 kHz. Other advantages of the boundary microphone over conventional designs includes clearer sound, consistent tone quality, lower noise level and low vibration sensitivity.

The typical pickup range of the CM-3 is approximately 8-10 feet. However, the realized range may vary from 5 to 15 feet depending on environmental conditions and the individual user's discrimination score.



The effective pickup range can be expanded substantially by daisy chaining two or more CM-3 microphones together with V-cords, Y-splitters and extension cords. Most listening devices, such as personal FM systems, can power at least two CM-3 microphones. Daisy chaining is most commonly used with panel type set up and split-table set up.

#### **Typical Data**

Sensitivity @ 1 kHz . . . . . -38 dB  $\pm$  3dB  
Output impedance . . . . . 1.5 K $\Omega$   
Directivity . . . . . Omni-directional  
Signal-to-noise ratio . . . . . > 60 dB  
Frequency response . . . . . 100 Hz -8 kHz  
Phantom power . . . . . 1.5 to 10 VDC  
Sensitivity reduction . . . . . Within -3 dB at 1V  
Current drain . . . . . 0.3 mA maximum  
Weight . . . . . 2.5 oz.  
Dimensions . . . . . 2" triangle x 5/8" H  
Standard cord length . . . . . 36"  
Connector . . . . . 2.5 or 3.5 mm Mini-plug

**CENTRUM SOUND - Your Source for Assistive Listening & Sound Reinforcement Systems**

2384 Voltaire Way • Redding • CA • 96003

Tel: , , , "+ ' \* "" \$\$\$) • Fax: ) ' \$ "+ \* , "% ( ) • e-mail: [sales@centrumsound.com](mailto:sales@centrumsound.com)

Website: <https://www.centrumsound.com>