

Description

Compact, boundary-type omni-directional electret condenser microphone

Application

Enhance the pickup range for voice recorders and personal assistive listening devices

Features

Small and unobtrusive; Daisy-chainable (no mixer required); Dense body composition prevents skidding on any surface

Pickup range

8-12 ft. (may vary from 5 to 15 ft. depending on environmental conditions)

Technical data.

Sensitivity:	-38 ± 3 dB
Output impedance:	1.5 kΩ
Frequency Response:	100 Hz - 8 kHz
Signal-to-noise Ratio:	>60 dB
Phantom power requirement:	1.2 to 10 VDC
Current drain:	0.3 mA (max.)
Dimensions:	2" triangle x 5/8" H
Weight:	2.5 oz
Standard cord length	36in/91cm
Connector, "j" version	3.5mm Mono plug



Centrum Sound

CM-3 (j)
Conference microphone
RoHS conform

User Guide

Centrum Sound Systems

572 La Conner Drive • Sunnyvale • CA 94087
<http://centrumsound.com>

General: CM-3 is a boundary microphone, where the hard reflective surface it is placed on constitutes the boundary. If the table is covered by a table cloth, place it on a dinner plate, driver's licence or other hard object. Place the microphone(s) so distance to the participants is as evenly distributed as possible. Daisy-chaining microphones is accomplished by inserting Y-adaptors anywhere in the link. The order of microphones and where they connect in the chain does not matter.

Assistive listening Devices (ALD): A single microphone can effectively be used on tables up to 12 feet in length (Table 1). For longer tables, two microphones chained together with a Y-adaptor and/or an extension cable may be required. The KJ-10 extension permits two microphones to be placed up to 16 feet apart (Table 2).

Digital Voice Recorders (DVR): DVRs and handheld micro-cassette recorders may be connected as ALDs. However, not all devices can power two microphones, particularly those operating on a single 1.5 volt battery.

Computers: Practically all desktop and laptop computers can power at least four microphones. However, it is important that the chain starts with a KO-A sound card adaptor inserted into the computer's microphone input. From there, Y-adaptors and extension cables may be inserted in the most convenient order as shown in Table 3. If more than four microphones are required, we recommend using an automatic mixer to avoid possible echo effects. The Audio Technica AT-MX341 four-channel SmartMixer is available through Centrum Sound.

