

Electrical specifications for
Omni-Directionals:

Frequency Response: 40-16,000 HZ
Sensitivity: -64 ± 3db.
Impedance: 600 ohms

No. EM300



No. CM55

No. CM56



TIE-CLASP MICROPHONES

The bantam-sized ELECTRETS with the heavyweight performance. These inconspicuous microphones are highly sensitive and have the flat frequency response needed for high fidelity sound reproduction. There are THREE models to choose from.

OMNI-DIRECTIONALS

(Condenser Cartridge Type)

No. EM300 - All new version of the popular tie clasp microphone has pickup element and amplifier built into the tie clasp housing. The battery (easy to find, 1.5V AA) is housed in separate housing that plugs into amplifier. The 14 foot length cable is terminated with 3.5mm plug which plugs into battery housing. Unit is not supplied with battery.

The **No. EM300** is packaged on an attractive display card.

Nos. CM55 & CM56 - These models have a smaller microphone housing, 11/16" x 5/16" D. The size reduction is accomplished by placing the battery and amplifier external to the microphone element.

The **No. CM55** has the battery-powered amplifier circuitry located in the standard phone plug handle at the other end of the shielded 20 foot cable. The handle is unscrewed to remove the battery. An ON-OFF switch in the handle of the plug disconnects the battery in the "OFF" position, making it unnecessary to remove the battery when the microphone is not being used.

The **No. CM56** has an in-line small cylindrical container for the battery and amplifier. An additional feature is a built-in ON-OFF switch in the cylindrical housing which disconnects the battery in the OFF position. This switch will protect battery life if the user forgets to remove the battery when the microphone is not being used. The shielded 20 foot cable is terminated in a miniature 3.5mm plug. For applications requiring a standard phone plug, a mini plug to standard plug adaptor (Philmore No. 532A) may be used.

The **Nos. CM55 & CM56** are both supplied in a handy reusable carrying case. A battery is supplied and is replaceable with an Eveready 387 or equivalent.

No. CMCLIP - Replacement tie clasp for Nos. CM55 & CM56

To avoid transmitting vibrations to the microphone head from the camera motor, or from rough handling, a vibration damping mechanism is built into holder, making the entire assembly shockproof. A knurled screw is provided to mount the microphone into the receptacle of a movie camera or a video camera.

To use in ELECTRONIC applications, an adaptor is provided for mounting on a standard microphone stand (5/8-27 thread). A 20-ft. microphone cable extension terminates in a 1/4" phone plug. This mike can be used successfully in broadcasting studios and in situations where large crowds would normally disrupt transmission. Supplied in a handy carrying case.

SPECIFICATIONS:

Type:	Electret condenser microphone
Directivity:	Super directional
Sensitivity:	-60 dB (1KHz ODB= 1V / bar)
Output Impedance:	600 ohms (1Kµ Hz)
Frequency Range:	30 Hz - 15 KHz
Power:	1.5V "AA" Penlight cell (supplied)
Current Drain:	1 mA maximum (300 hrs. continuous use)
S/N Ratio:	40 dB or more (1KHz, JISA curve)
Cables:	3-foot curly cord with 12" extension terminated in 1/8" mini plug and a 20-foot cable terminated in a standard 1/4" phone plug.

SUPER-CARDIOID "SHOTGUN"



Length overall: 16 in.

Designed for:

- **Movie Cameras**
- **Video Cameras**
- **Audience Participation**
- **Outdoor Recordings**

No. DC200

TAPE RECORDER MICROPHONE REPLACEMENT for MOST PORTABLE RECORDERS

Low impedance, dynamic "mic" with dual plugs, (3.5mm and 2.5mm) for any tape recorder input. With remote ON-OFF switch, desk stand, approx. 3-1/2 ft. cord, 200 ohm impedance for excellent speech and music reproduction. Will improve recording quality on any low-cost recorder with built-in microphone.



NO. RC1

LAPEL CRYSTAL MICROPHONE

A low-priced replacement microphone for PA amplifiers, cassette and open reel portable tape recorders. With approximately 3 ft. shielded cable. Lapel microphone is equipped with molded 3.5mm plug. A clip is provided to assure firm attachment on the lapel. A sensitive high impedance cartridge reproduces crisp clean sounds. Simply plug 3.5mm plug into "mic" jack on amplifier or recording equipment.

NO. LM101S

