

M-175 Personal Transmitter

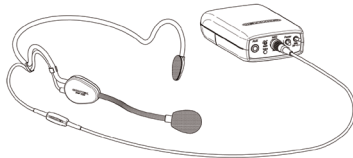
72-76 MHz

Wireless Tour Guide • Personal Communications • Language Interpretation • Assistive Listening

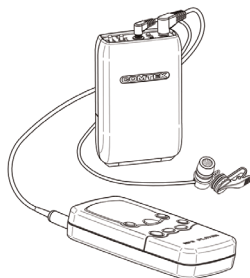


The M-175 personal transmitter is a professional quality, compact body-worn transmitter designed for reliable one-way remote communication. This transmitter incorporates the latest digital and analog technologies to produce high quality sound with low residual noise, wide dynamic range, and extended frequency response for the most natural sound possible.

A headset microphone option is available (HM-100 CL) providing an effective way to control background noise, enhance intelligibility, and ensure high gain before feedback. The transmitter's mic On/Off switch allows users to turn Off the microphone input while allowing the aux input to remain On.



The aux input on the M-175 allows earphone level audio signals from portable media players to be transmitted. When aux input signal is present with the mic On/Off switch turned On, the aux input signal attenuates 6 dB to prioritize the speaker's voice.



- Higher Power for More Versatility
- 88 User-Selectable Channels
- Efficient Microphone Cord Antenna
- High Fidelity Performance

Technical Specifications:

Audio Input:

- Microphone input impedance for electret type microphone - 3k Ω
- Aux/Line input impedance - 10k Ω at 0 dB nominal

Connectors:

- Microphone - Micro-mini 2.5 mm mono (locking or non-locking)
- Auxiliary - Mini 3.5 mm Stereo
- Audio - Tip and Sleeve
- Battery Charging - Tip and Sleeve
- External 9V power - Ring and Sleeve

Controls and Indicators:

- Synthesized channel selection switches
- Power On/Off switch
- Microphone On/Off switch
- Audio input gain control
- Modulation voice level indicator

Antenna System: Body-worn microphone cord or whip antenna plugged directly into microphone connector when auxiliary input is used

Frequency Response: 80 Hz to 10 kHz

Modulation: 10 kHz deviation companded

R.F. Power Output: 40 mW to the antenna system

Out-of-Band Emissions: Better than 50 dB below carrier

Current Drain: 17 mA constant current

Weight: 4 ounces (110 grams)

Battery:

- 9 V alkaline for up to 14 hours of operation
- 9 V Nickel-Metal Hydride rechargeable for up to 7 hours of operation

Dimensions: 1 1/6" x 2 1/2" x 3 1/4" (27 mm x 57 mm x 83 mm)

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