



RE97Tx

MICRO-HEADWORN CONDENSER MICROPHONE

ULTRA-LOW PROFILE FOR INCONSPICUOUS USE

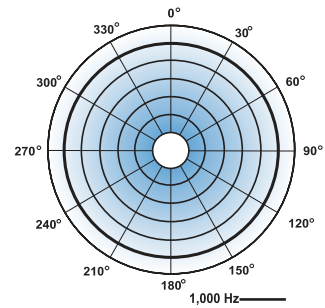


- **Lightweight, Durable**
- **Extremely flexible for precise positioning and long life**
- **Interchangeable for Left or Right Ear**
- **Omnidirectional Polar Pattern Provides Clean Sound and Uniform Response**
- **Moisture Resistant**
- **For use with all Standard ElectroVoice and Telex Wireless Bodypack Transmitters.**
- **Also available un-terminated (RE97PT) and wired for Shure® TA4 bodypacks (RE97S)**

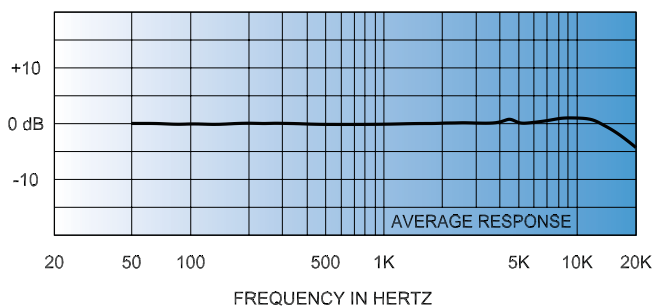
The Electro-Voice® RE97Tx is an Ultra-low profile, omnidirectional, back-electret condenser headworn microphone ideal for applications such as Houses of Worship, Corporate AV, Theatre, and other venues where a full-range, natural, well balanced sound is required. The omnidirectional polar pattern provides a clean and accurate sonic quality and uniform output regardless of the microphone's position relative to the sound source. The RE97Tx is designed to be extremely flexible and easily formed to fit over the ear of any user. The malleable boom and earhook can be shaped to match virtually any contour. An elegant clothing clip to retain the cord and a removable windscreen complete the package.



Polar Response:



Generating Element:	Condenser, back electret
Frequency Response:	50 – 15kHz
Polar Pattern:	Omnidirectional
Sensitivity, 1kHz (Open Circuit):	4.0mV / Pascal
Clipping Level:	>125 dB SPL
Equivalent Noise:	32 dBA
Dynamic Range:	93 dB
Output Impedance, 1kHz:	3000 ohms
Power Requirements:	5 VDC
Current Consumption:	310 uA
Polarity:	Positive pressure on diaphragm produces a positive voltage on pin 2.
Dimensions	Boom length (as shipped): 3.4 in. (86.4 mm) Boom diameter: 0.080 in. (2.00 mm) Capsule diameter: 0.120 in. (3.05mm) Earhook diameter: 0.090 in. (2.30 mm)
Cable:	4 ft (1.22m) long, 0.077 in. (1.95mm) diameter
RE97Tx Connector Wiring:	Pin #1 – Ground, Shield Pin #2 – Audio Pin #3 – Bias Voltage Pin #4 – N/C
Accessories Furnished:	Windscreen Clothing Clip Gig Bag
Color:	Beige, Brown, Black
Net Weight:	0.6 oz. (17g) Mic only: 0.2 oz. (5.7g)



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