

RE92TX



Electro-Voice

- Wide, Smooth Frequency Response
- Cardioid Polar Pattern
- Includes Two-Stage, Press-on Windscreen
- Terminated with Female TA4F Connector



The RE92TX is a professional quality miniature cardioid, electret condenser lavalier microphone. It is designed for unobtrusive miking of speech and instruments, making it an excellent choice for use in many broadcast, stage performance, and presentation purposes. Its small size makes the RE92TX ideal for theatre, interviews, public address systems, and houses of worship. The RE90TX has a cardioid polar pattern for high gain before feedback. The RE92TX condenser element provides clear and natural sound reproduction. The included two-stage windscreens minimize wind noise and popping. The RE92TX comes supplied with 4 feet of cable, terminated with a 4-pin TA4F connector, and a tie clasp with non-reflecting black finish.

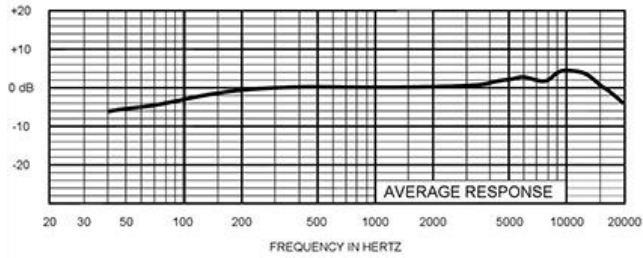
Technical specifications

Generation Element:	Self-Biased condenser, back electret 2-micron thick, gold sputtered diaphragm
Frequency Response:	40 Hz to 20,000 Hz (see chart)
Polar Pattern:	Cardioid
Sensitivity, Open Circuit Voltage, 1 kHz:	5.6mV/Pascal
Clipping Level (1% THD):	>135 dB SPL
Equivalent Noise:	<30 dB SPL "A" weighted (0 dB=20 micropascals)

Dynamic Range:	>105 dB
Output Impedance, 1 kHz:	1500 ohms
Power Requirements:	5 VDC
Current Consumption	< 500 uA
Dimensions:	Diameter = 0.412 in (10.5 mm) Length = 0.948 in (24.1 mm), less strain relief
Cable:	0.100 in (2.54 mm) diameter x 4 ft (1.2 m) long
Connector Wiring:	Pin #1 - Ground, Shield Pin #2 - Audio, White Pin #3 - Bias Voltage, Red Pin #4 - N/C
Accessories Included:	Two Stage Windscreen Tie Clip
Color:	Nonreflecting black
Environmental Conditions:	Relative Humidity 0-50%: -29° to 74°C (-20° to 165°F) Relative Humidity 0-95%: -29° to 57°C (-20° to 135°F)
Net Weight:	0.81 oz (23 grams) with connector

System overview

Frequency Response:



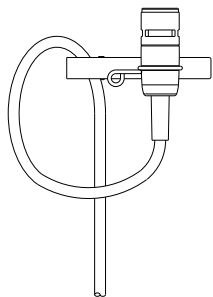
Application Notes:

Using the Windscreen

This microphone includes a windscreen that can be used anytime wind noise or breath pop is a problem. To install the windscreen, simply press it on the top of the microphone. The windscreen has an internal frame that includes a stop, to help position the windscreen correctly. When installing the windscreen, make sure to push it down on the microphone as far as it can go. This ensures the frame inside the windscreen does not cover any of the acoustic side ports on the microphone.

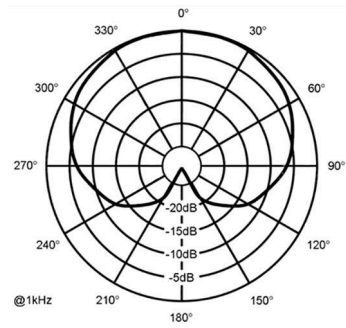
Microphone Positioning (For Best Results)

Best results are achieved with the mic positioned 3 to 6 inches below the neckline. Typical locations are on the lapel, shirt collar, or on the shirt directly below the chin. You should avoid covering the microphone with any cloth, since this could change the frequency response characteristics of the microphone. If mechanical noise pickup from the cable is a problem, it can be minimized by looping the cable up and through the tie clip, as shown.

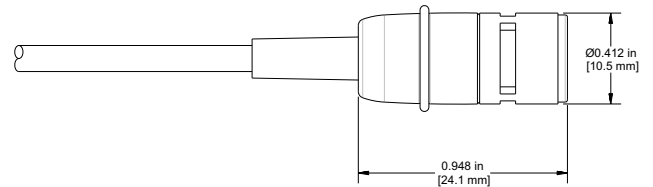


Cable Position with Tie Clip

Polar Response:



Dimensions:



Ordering information

RE92TX

Premium Cardioid Condenser Lavalier Microphone
Order number **RE92TX**

Represented by:

Germany:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Ring 5
85630 Grasbrunn
Germany

Bosch Security Systems, Inc.
12000 Portland Avenue South
Burnsville MN 55337
USA

www.electrovoice.com