

**RE92TX**  
**Unidirectional Condenser**  
**Lavalier Microphone**  
**with TA4F Connector**



## Key Features:

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



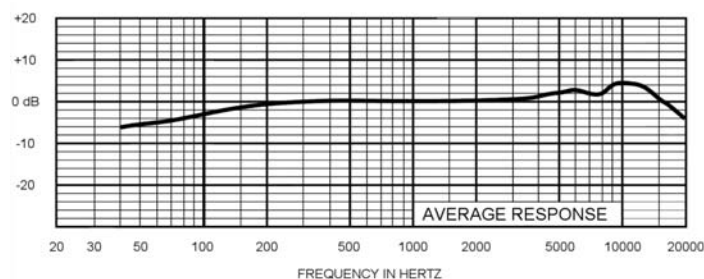
## General Description:

The Electro-Voice® model 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 RE92TX has a cardioid polar pattern for high gain before feedback. The RE92TX condenser element provides clear and natural sound reproduction. The included two-stage windscreen minimizes 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.

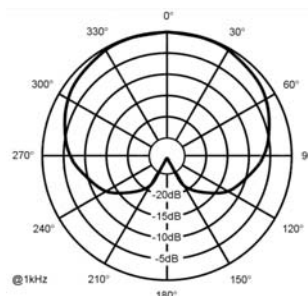
## Technical Specifications:

|                                           |                                                                                                                      |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| 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: (see chart)                | 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" (10.5 mm)<br>Length = 0.948" (24.1 mm), less strain relief                                         |
| Cable:                                    | 0.100" (2.54 mm) diameter x 4 ft (1.2 m) long                                                                        |
| Connector Wiring:                         | Pin #1 - Ground, Shield<br>Pin #2 - Audio, White<br>Pin #3 - Bias Voltage, Red<br>Pin #4 - N/C                       |
| Accessories Furnished:                    | Two Stage Windscreen<br>Tie Clip                                                                                     |
| Color:                                    | Nonreflecting black                                                                                                  |
| Environmental Conditions:                 | Relative Humidity 0-50%:<br>-29° to 74°C (-20° to 165°F)<br>Relative Humidity 0-95%:<br>-29° to 57°C (-20° to 135°F) |
| Net Weight:                               | 0.81 oz. (23 grams) with connector                                                                                   |

## Frequency Response:



## Polar Response:



## Application Notes:

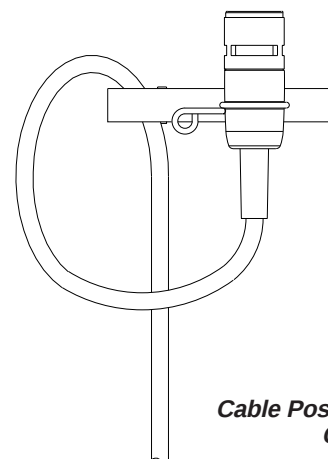
### Using the Windscreen

The RE92TX 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 will go. This will ensure that the frame inside the windscreen doesn't cover any of the acoustic side ports on the microphone.

### Microphone Positioning (For Best Results)

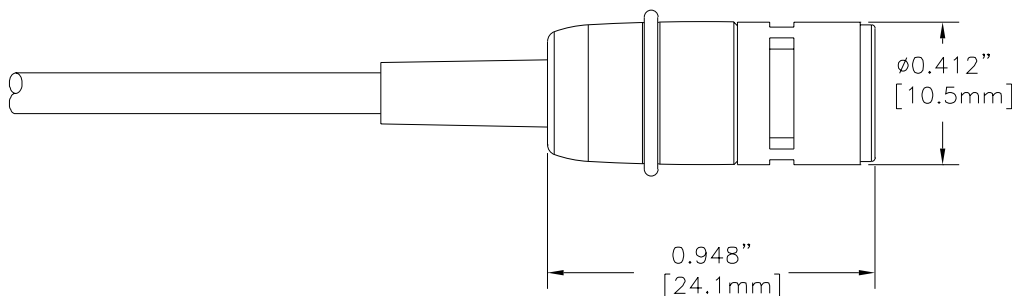
Best results will be achieved with the mic positioned 3 to 6 inches below the neckline. Typical locations are on the lapel, shirt collar, or on the shirt directly below the chin. You should avoid covering the microphone with any cloth, since this could change the frequency response characteristics of 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*

## Dimensions:



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[www.electrovoice.com](http://www.electrovoice.com)

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Specifications subject to change without notice.