

EJ-T 2-Way Telephone Device

The EJ-T is a two-way telephone conferencing device designed for injecting telephone audio into a PA system. It can be used for distance learning by allowing everyone in a classroom to hear and participate in a guest lecture. It can be used for simple teleconferencing in a boardroom or office, when everyone in the room needs to hear a telephone conversation. Or, in a large auditorium or arena, the EJ-T will allow everyone to hear both sides of a telephone-based presentation. Unlike the EJ series of adapters, the EJ-T is an active device, so it requires 9VDC power from the wall transformer provided with the unit. It is quick and easy to set-up, and will inject both sides of a telephone conversation into an existing PA system. Teleconferencing or distance learning has never been so easy, or so affordable.

Basic Instructions: On the right side of the EJ-T enclosure are two modular RJ-11 connectors and one 3.5mm connector. Hook-up the telephone line from the wallplate connection to the RJ-11 marked **TEL LINE**. Plug your telephone base unit into the RJ-11 marked **TEL SET**. Connect the output of the EJ-T to a PA system line level input via the 3.5mm jack on the right side of the EJ-T marked **OUTPUT**.

Once the telephone and output connections are made, plug the wall transformer into the 3.5mm jack labeled **PWR 9Vdc 100mA**, on the left side of the EJ-T enclosure. It is now ready to place or receive a call via the telephone, and hear both sides of the conversation through the speakers of the PA system.

EJ-T Cables: The EJ-T does not come with a standard cable for the PA system line level input, since each PA system has different connections available for line input. Standard audio cables are readily available via consumer electronics stores. Emtech does have the following cables available for purchase-

16-95	3.5mm Male – 3.5mm Male (3 ft.)
16-135	3.5mm Stereo Male – Dual RCA Males (5 ft.)
16-305	3.5mm Male – ¼” Phone Jack (5 ft.)

EJ-T & Mic Level Input: Some PA systems may not have an available line level input. For these situations, Emtech has the following unbalanced line level to unbalanced mic level cable for connecting the EJ-T to a PA system mic level input.

16-EJTM	3.5mm Male/Line – 3-Pin XLR Male/Mic (6 ft.)
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Using the EJ-T with an EJ Multi-Input Adapter (i.e. EJ-8 or EJ-2): Another solution for connecting an EJ-T to the mic level input of an existing PA system is to use an EJ series Multi-Input Adapter to provide the conversion from line level to mic level. In this case, the output from the EJ-T would be plugged into one of the inputs of the EJ series Multi-Input Adapter, and the EJ Multi-Adapter would be plugged into the mic level input of the PA system via its' XLR cable.

Using the EJ-T with a wireless microphone: Want the freedom of being able to move around a room while broadcasting the telephone conversation, or getting others involved by using a traveling microphone. The EJ-T can be used with a wireless microphone being substituted for the telephone handset. The basic set-up of the EJ-T would not change, except the handset for the telephone will need to be replaced with the wireless receiver. This will require a custom cable to be manufactured with an RJ-6 plug on one end of the cable, and a mating jack for the wireless receiver output connector on the other end of the cable. Contact Emtech for pricing on a custom cable for the wireless receiver.

EJ-T Specifications:

Inputs – RJ-11 Modular Telephone Jacks

Output – 3.5mm Mono Jack

Output Signal – Transformer balanced line level

Frequency Response – 20Hz to 20kHz

Power Requirement – 9Vdc @ 100mA (provided via wall transformer)

Enclosure – Steel case with black powder coat finish

Dimensions – 3.75”L X 2.5”W X 1.25”H

Weight – 8 oz.

Warranty:

Emtech Electronics, Inc. warrants the Model EJ-T for a period of two years, from the original date of purchase, against defects in parts and workmanship. If a defect occurs, the unit will be repaired or replaced, at our option, free of all charges if delivered prepaid to the factory. Warranty does not extend to finish, appearance, abuse or defects due to the misuse or operation under other than specified conditions, nor does it extend to incidental or consequential damages. Repair by anyone other than Emtech will void the warranty.