



Production Intercom

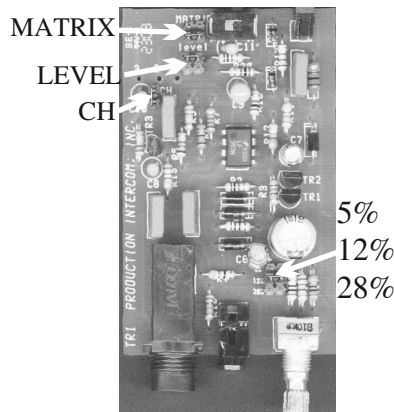
TR-1 Talent Receiver (IFB)

Operating Instructions

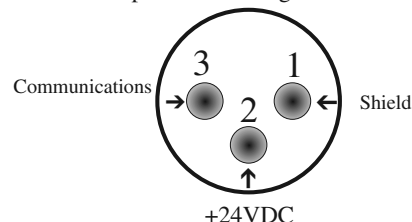
Overview: While many talent receivers are very little more than a listen-only intercom headset station, the TR-1 has been fashioned to be as universal as possible, and to offer the engineer a range of modes of operation. The everyday controls and indicators are readily available, while those which customize the TR-1 require setting interior jumpers.

On the outside: The top panel provides for the connection of any earpiece with either a 1/4in. phone plug or a 3.5mm mini plug, and a conventional rotary level control. The level control will not permit the user to turn the audio completely off (see below). The bottom panel has two indicator LEDs. The green one confirms that the TR-1 is connected to an 18~30VDC power source. The red one flashes in response to (audio) communications traffic being monitored. The TR-1 can be connected to a Clear-Com® or Production Intercom® system directly. The slide switch on the bottom of the TR-1 comes into play when the TR-1 is connected to an RTS® system. You may select between single channel (Channel B) or two-channel (Channel A & B) operation. The belt clip is the virtually unbreakable device we've been using on our intercom backpacks for 20 years. It is not fragile. The TR-1 is connected to the system using the provided cable. The pin-outs of the mini XLR-type connector are illustrated below. Note: the locations of pins 2 and 3 are the reverse of a full-sized XLR connector. The actual wire used in constructing this cable contains steel reinforced conductors and is very, very difficult to damage or break. No special caution is required. A Y-cable is available for situations where 'loop-through' is desirable.

On the inside: Holding the TR-1 board with the slide switch at the top you will see several sets of jumpers. The set just to the left of the slide switch is marked MATRIX and is used to switch the DC between pins 2 and 3 of the system's XLR connectors. (Some very old systems did have the power on pin 3.) The norm is pin 2 and the jumper across the lower set of pins will set it that way. Just below the MATRIX jumpers are a set marked LEVEL. This set only affects 2-channel systems. In the upper position both channels are at equal levels. In the lower position channel A will be down 30% relative to channel B. Another set is located next to C10 and is marked CH. When this jumper is removed, and the outside selector switch is in the RTS® 2-channel position, only channel A will be heard. The three jumpers above and just slightly to the left of the volume control are for choosing the lowest volume which can be effected by the rotary pot. The choices are 5%, 12% and 28% of maximum level.



TA3F 3-pin Female Plug on TR-1 Cable



Note Different (from XLR) Positions of pins 2 and 3

Production Intercom Inc.

P.O. Box 3247, Barrington, IL 60011-3247

Voice: (847) 381-5350 Fax: (847) 381- 4360 Sales & Technical Assistance (US & Can):(800) 562-5872

Printed in USA

e-mail: support@beltpack.com Web: beltpack.com

Rev.1 10.02.03