



Program Input Beltpack & Portable IFB Master

Performance: The TT-1 has two applications. It was designed to be a portable master station for a compact IFB system, but may just as easily be used as a beltpack in an intercom system with the facility to inject program material onto the intercom channel to which it is connected.



Whether the program material is a local audio source or an IFB feed from the station, it is inserted via the combo XLR/1/4in. jack on the rear panel. Connection to the IFB packs or intercom system is made at the female 3-pin XLR on the rear panel.

A 4-pin male XLR is provided for connection of a standard intercom headset with a dynamic microphone. A modification to allow use of a headset with an electret microphone is available. Control of the level of the program material to be heard in the system is by a rotary control on the front panel. A true VU meter (LED-type) is provided on the front panel

to monitor the program input. The LEDs are bright and easily visible in daylight. Control of the user's headset volume is by a thumbwheel.

A green LED confirms that the TT-1 is receiving DC voltage from the intercom or IFB power supply.

When used as an intercom beltpack, power will be provided by the intercom system's power supply. When used as an IFB mini-master, power will come from the IFB power supply. When used as a mini-master in a portable stand-alone IFB system, power will come from an AC adapter through an accessory which regulates and filters the power for ultra quiet operation. (See data sheet for *IFB-On-the-Run*).

The talk button is momentary in stock form, but can be modified to be latching. A separate button allows the user to choose to talk over the program material, or to interrupt the program material while the talk button is pressed. Production Intercom users will recognize the sound



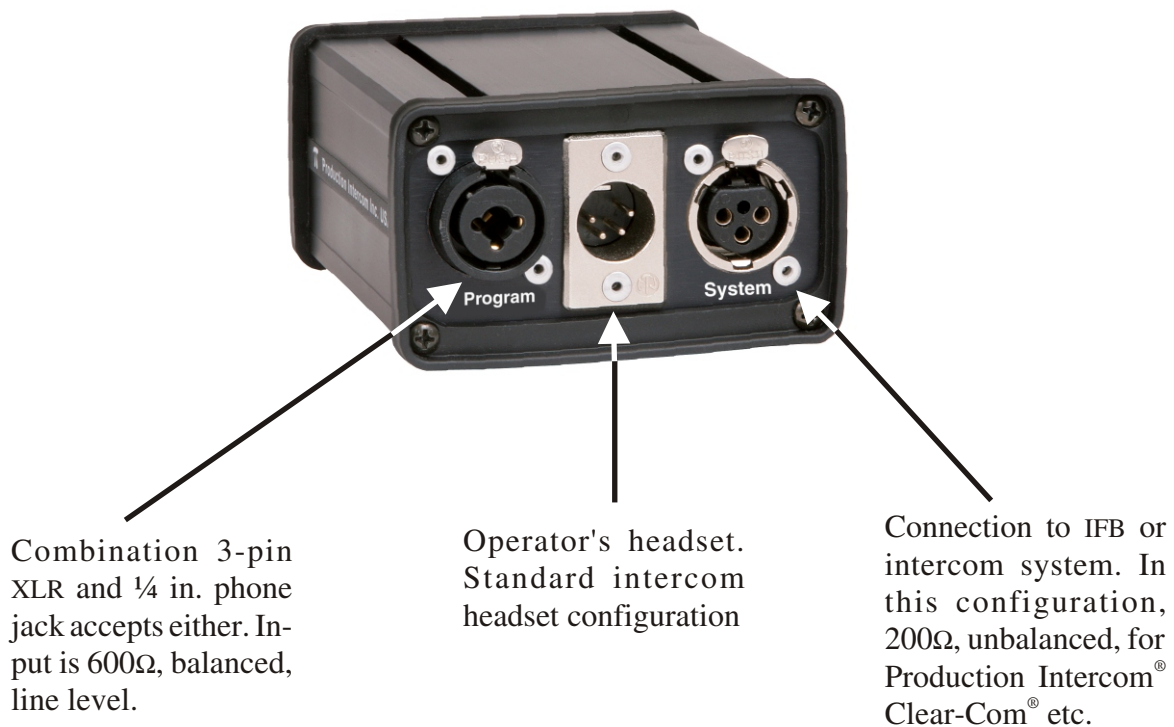
Production Intercom Inc.

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Durability: The TT-1 is built in our familiar extruded aluminum case with Celcon[®]M90 end bezels. It is equal in resistance to breakage as our BP-1 beltpack, with one exception. The rotary control for program level does protrude outside the protection of the bezel. With a little caution for this, the TT-1 can be tossed around much like the BP-1. The main PC board is supported by internal slots on the sides and by the rear panel. Every other internal component has been designed and supported for maximum resistance to shock.

Value: The TT-1 shares not only the case and bezels from the BP-1 but many internal parts, controls and connectors. This allows us to manufacture the unit efficiently, in relatively small quantities, and to offer surprisingly modest pricing.

Compatibility: The TT-1 is compatible with all popular intercom and IFB systems operating on the 200Ω unbalanced principle, a list which includes Clear-Com[®].



Technical Specifications: (Subject to change without notice)
Power requirement: 24~30 VDC, 10 mA quiescent, 40 mA max. w/VU meter active
Headphone output: 8~4KΩ acceptable, 200Ω ideal
Microphone input: 200 ~ 600Ω Dynamic
Sidetone rejection: >50 dB
Audio bridging impedance: 200Ω unbalanced
Program input: 600Ω, line level, balanced
Size: 3.70 x 4.30 x 2.50 in. (93.98 x 109.22 x 63.5 mm) Weight: 13.5 oz. (0.385Kg>)

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