



BT-Pro - Order # R800 1055 00

The BT-Pro™ is a Bluetooth™ direct box designed to capture the wireless transmission from a Bluetooth enabled device and convert the signal to a balanced line for use in a PA system. To maximise reception, an innovative T-shaped access cavity has been developed, behind which is located the antenna. The antenna is protected by a milled insert made from Sintra - a rugged closed-cell PVC - which allows the wireless transmission signal to pass without interference for reception distances to 20 meters (60'). The audio signal path employs the latest Bluetooth wireless A2DP interface over 2.0 EDR (Enhanced Data Rate) for higher speed transmission and better audio quality. Inside, the BT-Pro converts the data to a stereo analog signal, producing up to +4dB at the output. The signal level is controlled by a front panel potentiometer that is shared with the built-in headphone amp. This features a standard 3.5mm mini TRS and is used for trouble shooting. For greater flexibility, a stereo-to-mono switch is provided that sums the input for dual-mono operation to reduce channel requirements on the mixer. Should noise be encountered, two side-mounted isolation transformers may be inserted into the signal path to eliminate ground loops. This is augmented with a ground lift switch for the XLRs to further help eliminate noise.

**Features**

- Bluetooth stereo reception to 20 meters (60 feet!)
- Balanced XLR outputs for PA system interface
- Built-in headphone amp for trouble shooting
- Isolation transformers to eliminate buzz and hum

**Applications**

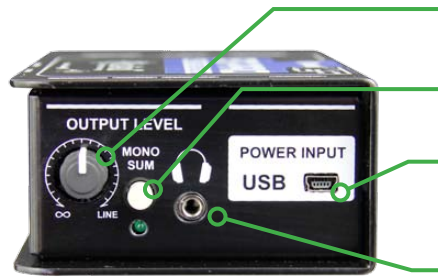
- Bridging audio files from a cell phone to the PA
- Transmitting audio files from a laptop
- Listening to stereo recordings in a recording studio

**Cool stuff**

- Eliminates the need for various hook-up cables
- Powered by the laptop or included power supply
- Protected by user ID code
- Super heavy duty rugged construction

**Dimensions (W x D x H)**

- 70 x 108 x 44mm (2.75" x 4.25" x 1.75")
- Made in Canada, with pride!
- 3 Year transferable warranty



- OUTPUT LEVEL** - Used to set the balanced output level at the XLRs and headphone volume.
- MONO SUM** - Sums the stereo output from the stereo digital audio converter to mono.
- USB POWER** - Employs standard USB type B for easy connection to a laptop or to the included power supply.
- PHONES** - Mini 3.5mm TRS stereo headphone connection used to check signal coming from the Bluetooth receiver and digital audio converter output.



- XLR** - Male XLR outputs deliver +4dB signal for professional audio systems. These employ the AES standard with pin-1 (ground), pin-2 (+) and pin-3 (-).
- GROUND LIFT** - Disconnects the ground path pin-1 for both XLR outputs.
- 14-GAUGE STEEL** - Welded I-beam enclosure makes it impossible to torque the PC board. Eliminates cold solder joints.



- PAIRING LEDS** - Illuminate during pairing to provide visual feedback status of the wireless Bluetooth connection.
- ANTENNA CAVITY** - Milled Sintra T-shape cavity for the hidden antenna. Allows distances to 20 meters (60') under ideal conditions.
- ISOLATION** - Switches used to insert isolation transformers into the audio signal path to help eliminate hum and buzz caused by ground loops.

**Pairing the BT-Pro**

Connecting to the BT-Pro is easy. The BT-Pro is powered by an external supply of via a USB port from a laptop. Once powered, two top-mounted LEDs will toggle as it awaits pairing. Turn on your Bluetooth device and its transceiver sends an initial pairing message to identify the BT-Pro. This will show up as Radial. A connection pass code is then used to initialize the connection. This important safety feature ensures other nearby Bluetooth devices cannot 'pollute or hijack' the system. Once paired, the BT-Pro's red LED will remain illuminated and undulate to let you know the two Bluetooth devices are talking to each other.

