

# Model TP-BN14 Networked Mic Input and Selectable Monitor Station



## **Microphone to Network Section:**

- Converts a Standard Mic Source to a Dante Network Channel
- Mute Button Toggles Output On and Off or Provides Momentary Muting
- No User or Installer Gain Adjustments are Required
- Automatic Microphone Gain of 40 dB for Condenser Mics and 60 dB for Dynamic Mics
- P48 Phantom is Provided on the Microphone Input
- 40 dB per Octave at 100 Hz Low-Cut Filter\*

#### Network to Speaker Section:

- 2 Watt RMS Audio Amplifier
- Compressor/Limiter Prevents Clipping
- Amplifier Gain Adjustment is Accessible through the Chassis Bottom\*

#### **Network to Headphone Section:**

- Selection from 3 or 4 Mono Dante Network Sources to a Stereo Headphone
- Single-Button Selection for Each Source with LED Indication
- Upper Button Selects "OFF" or Speaker Source\*
- Output on Professional Quality 3.5 mm stereo Mini-Jack
- Display is Bright During Selection, Dims After Selection
- Front-Panel Output Level Control

#### Common:

- · Adjustment and Switch Settings on the Chassis Bottom\*
- High Resolution 24 Bit Analog to Digital and Digital to Analog Conversion
- Rear-Panel LED Indicators Show Network Sync Status

**APPLICATION:** The TP-BN14 is a bidirectional Dante network interface for tabletop use. The unit provides a shock-mounted XLR microphone input with a mute button. A front-panel 2W amplified speaker provides monitoring of a specific audio mix.

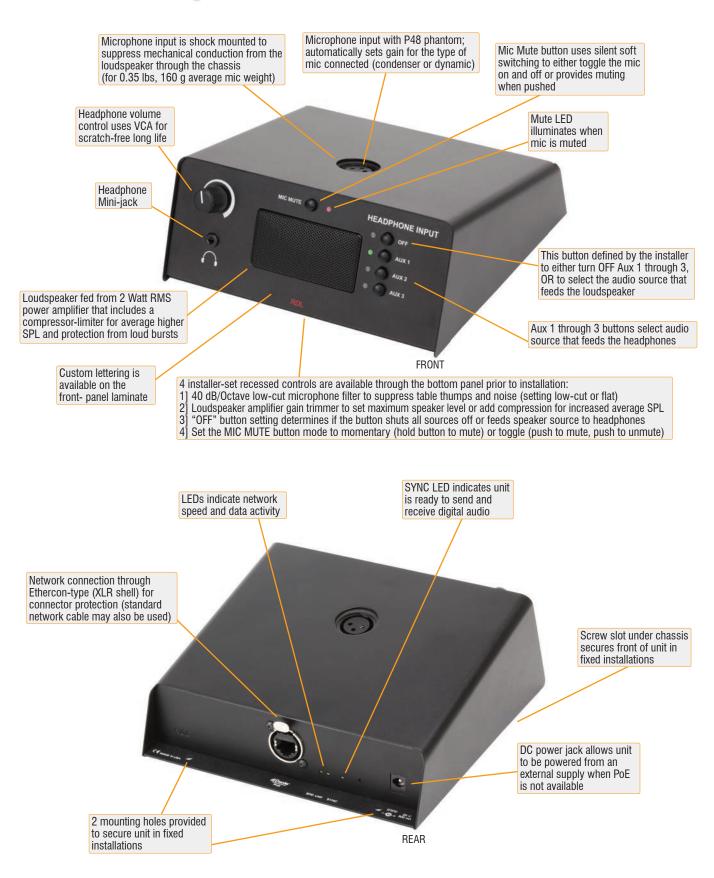
The TP-BN14 provides a front-panel headphone Mini-jack with an associated four input source selector. LEDs associated with the input buttons indicate the selected source.

The front panel level control is a long-life potentiometer controlling a VCA. Audio does not pass through this control, assuring years of noise free level adjustment. The output amplifiers deliver more than 90 mW into either high or low impedance headphones. The headphone output may be used to listen to different language translations.

The TP-BN14 may be powered from a 24 Vdc power supply, available separately, or from PoE. It is used in meeting halls, conference rooms or courtrooms.



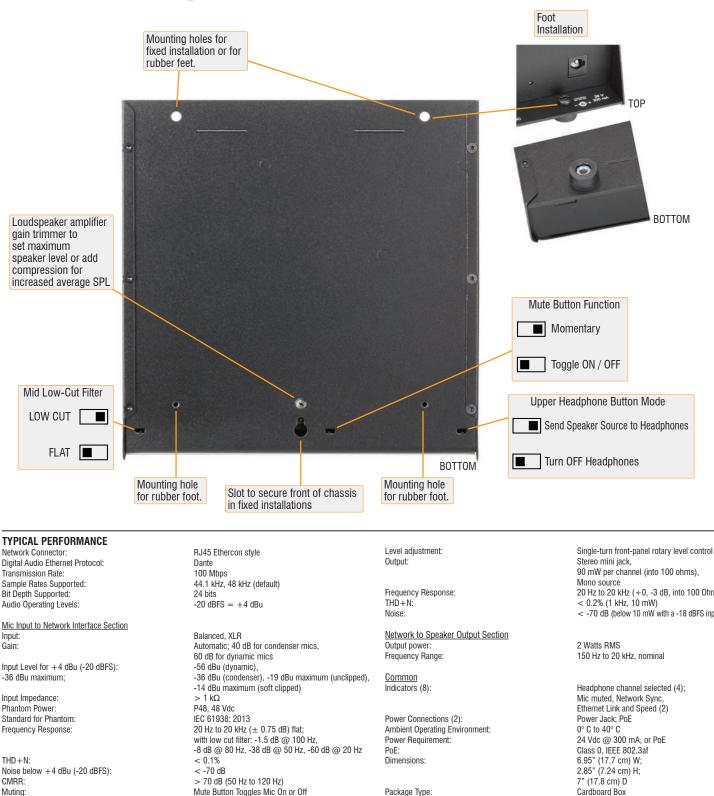
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#### SPECIALISTS IN PRACTICAL PRECISION ENGINEERING™



Network to Headphone Output Section Selectors (4):

Indicators (4):

Mute Button Toggles Mic On or Off

Momentary pushbuttons (1 for each channel); Upper Button Selects "OFF" or Speaker Source, Set by Installer Green LEDs, (indicates channel selected)

Package Type: Package Dimensions: Shipping Weight: WEEE weight: Tariff code:

Mono source 20 Hz to 20 kHz (+0, -3 dB, into 100 Ohms) < 0.2% (1 kHz, 10 mW) < -70 dB (below 10 mW with a -18 dBFS input)

Cardboard Box 7 x 7 x 3 in. 3.26 lbs. 2.97 lbs. 8518.50.0000

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