The Radial DAN-TX™ is a stereo direct box designed to connect instruments, laptops, tablets, or any line level source to a Dante™ network. Interfacing with a Dante network is easy – simply connect its Ethernet jack to any networked audio system using standard Cat5e or Cat6 cable. Multiple analog inputs are provided, including dual ¼", RCA and 3.5mm inputs. When connecting a single-channel instrument such as a bass or acoustic guitar, an instrument switch converts one of the ¼" jacks to a "Thru". This allows the player to connect to their amp for local monitoring like a typical DI box. With stereo sources, the selection of inputs provide an easy way to connect any device, whether it be a stereo keyboard or a tablet. The ¼" inputs will accept both balanced (TRS) for professional equipment, and unbalanced (TS) connectors for instruments or consumer gear. Levels can be controlled locally via an input trim pot that offers +/-10dB of control, with an additional -18dB pad that can be utilized when required. The DAN-TX can accept input levels up to +24dBu, and uses 24bit/96kHz processing to convert these analog signals to the Dante protocol.

DAN-TX Order # R800 1062 00

Features

- *¼", RCA and 3.5mm stereo inputs*
- *Powered via external supply or Power over Ethernet (PoE)*
- *Handles signals up to +24dBu*

Applications

- *Transmit any audio source onto a Dante network*
- *Mono input with a Thru out*
- *Convert instrument or line level signals to Dante*

Cool Stuff

- *Trim control to set levels locally*
- *-18dB Pad and HPF switches*
- *High-quality 24bit/96kHz digital converters*

RCA INPUTS - Provided for connection to CD/DVD players and other consumer level playback devices. Wired in parallel with the ¼" and 3.5mm inputs.

1/4" INPUTS - When set to INST the ¼" stereo inputs are reconfigured as a mono instrument input with a Thru output.

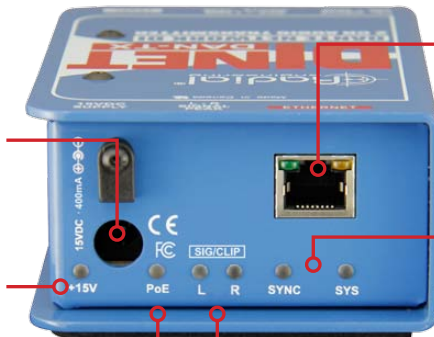**TRIM -** Adjustable Trim control to set input levels, with unity gain at 12 o'clock. Provides -10dB of cut or +10dB of gain at the min/max settings.

3.5mm INPUT - Stereo TRS input for use with laptops, tablets and phones. Wired in parallel with the ¼" and RCA inputs.

POWER - 15VDC connection for use with included Radial power adapter when PoE is not available.

+15V LED - Will illuminate when the DAN-TX is connected to the included DC power adapter.

ETHERNET - Used to connect to the Dante™ enabled network via CAT5e or CAT6 cable.

SYS & SYNC LED – Status LEDs to indicate connections and slave or master mode.

PoE - Will illuminate when the DAN-TX is receiving Power over Ethernet (PoE).

SIG/CLIP LEDs - Will illuminate when input signal is detected. LED color will change to red when clipping is detected.

LINE/INST - Select between line level or instrument level inputs.

PAD & HPF - PAD enables a -18dB input pad for high output line level sources. HPF enables a high-pass filter to roll off frequencies below 80Hz.

Using the DAN-TX for mono instruments

Switching to instrument mode changes the right ¼" connector to a Thru-put for connection to a local amplifier. Now your instrument can be routed anywhere on a Dante network while still allowing for local monitoring through the stage amplifier.

Using the DAN-TX for stereo instruments

Plug in your stereo keyboards, synths, laptops, tablets or any other unbalanced consumer device and route through the Dante network without installing special software. Simply connect to the ¼", RCA or 3.5mm inputs.

DAN-TX with balanced professional audio

The ¼" inputs on the DAN-TX are balanced TRS jacks that allow for signal levels up to +24dBu. Any balanced analog mixer, recorder or playback source can be quickly connected to a Dante network.

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