

Order No. R800 1050



The Radial USB-Pro is a 24-bit digital to analog audio converter and direct box that is designed to transfer digital audio files to a balanced mic level signal suitable for a PA system, recorder or broadcast feed. One merely connects a laptop computer to the USB-Pro using a standard USB type-B cable. The USB-Pro derives its power from the USB connection and will automatically configure itself to most computers without the need for special drivers to be loaded. Audio may be tested using the front panel earphone outlet and adjusting the level to suit. A mono switch can be activated to test for phase issues or to send the output to two separate audio systems. Side access switches enable the user to introduce isolation transformers to eliminate hum and buzz caused by ground loops. This is supplemented with a ground lift switch that lifts pin-1 on the two XLRs. The USB-Pro can be used for audio playback, system testing and for transferring digital audio files to analog for processing.

Features

- High performance 24-bit converters
- Automatically installs – no special drivers needed
- Built-in headphone amp for signal testing
- Transformers may be switched in to eliminate noise

Applications

- Play digital audio files on the PA
- Listen to artist's songs in studio
- Use as an interface for DJ mixers
- Play back AV presentations in stereo

Cool stuff

- Built-in headphone amp for testing
- Transformer isolation to eliminate ground loops
- Mono switch to simplify signal path
- Made 'Radial tough' for the road



LEVEL: Used to adjust both the main stereo and headphone output signal levels.

MONO: Sums the stereo signal to mono to reduce the channel count or feed two sources simultaneously.

USB TYPE-B PORT: Connects from the PC or Mac. This delivers the digital audio signal and power to the USB-Pro which automatically recognizes the format.

HEADPHONE: Mini 3.5mm (1/8") TRS headphone output is used to check the signal from the digital source.



BOOK END DESIGN: Creates a protective zone around the jacks and switches.

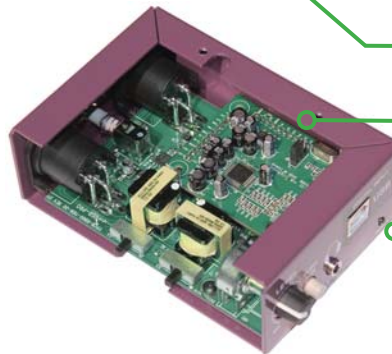
STEREO XLR OUTPUTS: Standard XLR male outputs follow the AES format with pin-1 ground, pin-2 hot, pin-3 cold.

NO SLIP PAD: Provides electrical and mechanical isolation and keeps the unit from sliding around.

GROUND LIFT: Used to help eliminate hum and buzz caused by ground loops. Lifts pin-1 on both XLRs.

TRANSFORMERS: Transformer isolation may be switched in on each channel to eliminate hum and buzz caused by ground loops.

POWER LED: Lets you know that the USB-Pro is receiving power from the USB port.



Using the USB-Pro with a laptop

Nothing is simpler than the USB-Pro! You plug it into your laptop and it automatically delivers your digital audio files to spectacular sounding stereo audio via the 24-bit converters. You merely connect to the mic inputs on your mixing console and you are set to go!



Using the USB-Pro in the studio

Convert your client's files instantly! Simply connect the laptop to the USB-Pro and transfer files to the recording system at the maximum sample rate for best audio fidelity. The built-in headphone amp makes it easy to check for signal integrity.



Using the USB-Pro for a video presentation

Anyone that has incorporated audio with a projector knows that noise can be a serious problem. The USB-Pro is equipped with isolation transformers that may be switched in to eliminate hum and buzz caused by stray DC voltage and ground loops.