

Pro48 - Order # R800 1105 00



The Radial Pro48™ is a high-performance 48V phantom powered active direct box designed specifically for today's higher output instruments like active basses and acoustics guitars.

It features an internal switching power supply that significantly increases headroom and directly benefit the user with less distortion while yielding a smooth and linear response that extends from 20Hz to well above 100kHz for a natural and uncolored signal transfer. These combine to make the Pro48 an ideal candidate for today's battery powered active basses and acoustic guitars that tend to overload other direct boxes.

The compact Pro48 is built road-ready with 14-gauge steel throughout. A unique book-end design provides protective zones around the switches and connectors. The internal welded I-beam construction assures outside stress will not torque the PC board thus assuring longer product life. Exceptional sonic performance, great natural tone at an affordable price; the Radial Pro48 truly represents a breakthrough in value!

## Features

- Huge internal rail voltage for extra headroom
- Ultra-flat frequency response from 20Hz to 40kHz
- High 220kΩ input impedance reduces loading
- Plug and play simplicity for quick deployment

## Applications

- Perfectly suits acoustic guitars and basses
- Provides extra 'reach' and 'air' in your sound!
- Pad switch lets you use with active instruments
- Equally wonderful for live touring or in the studio

## Cool stuff

- Handles extreme transients without distortion
- No batteries required, works with phantom-power
- Ground lift reduces hum and buzz caused by ground loops
- Compact and rugged design for on the road

## Dimensions (W x D x H)

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



**INPUT & THRU** - 1/4" input connects from instrument, the parallel 1/4" THRU connects to an on-stage amplifier.

**-15 dB PAD** - Reduces input level from high output devices like CD players and headphone outputs.

**48V POWER LED** - Confirms phantom-power is present and the Pro48 is ready.



**GROUND-LIFT** - Disconnects the audio ground path between the input and the output to reduce hum and buzz caused by ground loops.

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

**XLR OUT** - 175 Ohm balanced, mic-level output will drive signals to 200m (600') without appreciable noise.



**HEAVY-DUTY WELDED I-BEAM** - 14-gauge steel makes it impossible to torque the PC board.

**MILITARY-GRADE PCB** - Full surface ground plane to reduce susceptibility to RF noise.

**SWITCHING POWER SUPPLY** - Steps up the current from phantom power to produce 9 volt internal rails. With more voltage to work with than typical active DIs, the Pro48 produces more headroom and dynamic range while lowering noise.

## Using the Pro48 with acoustic guitar

The Pro48 is the perfect interface for acoustic guitar on stage. The high internal rail voltage is able to handle the dynamics of today's active instruments without choking and deliver the smooth, natural sound of the instrument.



## Using the Pro48 with bass

Whether you use an active or passive bass, the Pro48's exceptional signal handling is able to capture the sound of the instrument without distortion or adding artifact. And with proper loading, your bass will sound round and smooth when you record or play live.



## Using the Pro48 with acoustic instruments

With more headroom and less distortion the Radial Pro48 is a great all-round active direct box for instruments of all types. This makes it particularly effective with instruments that can sound 'peaky' or 'edgy' when amplified.

