

Order No. R800 1105



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.

It features a digital switching power supply to significantly increase 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 in our unique book-end™ design that 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

- Superior dynamic headroom
- Ultra-flat frequency response with extended highs
- High input impedance reduces loading
- Steps up 48V current for more headroom

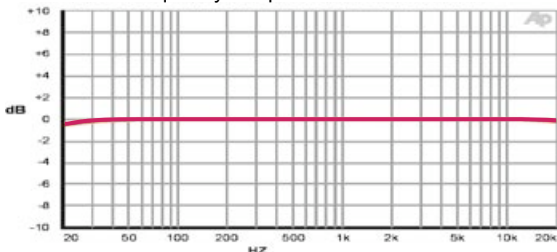
## Applications

- Provides extra 'reach' and 'air' in your sound!
- Ideal for active acoustic guitars and basses
- Great for keyboards and drum modules
- Equally wonderful for live or studio

## Cool stuff

- Huge 9-Volt internal rail voltage for extra headroom
- Handles loud transients without choking or clipping
- No batteries required, works with phantom-power
- 3 year transferable warranty

Pro48 Frequency Response



## Pro48 Application

Just about any instrument from bass to mandolin will benefit from the Pro48's extended frequency response. Instruments connect to the Pro48 and a parallel thru-put connects to an on-stage amp. The PA or recording system is fed by the Pro48 XLR balanced mic-level output.



**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.

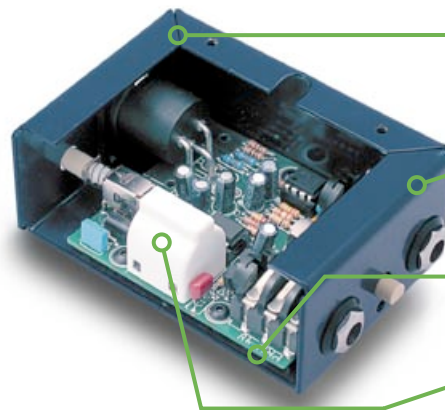
**PHANTOM PWR LED** light to confirm phantom-power is present and the Pro48 is working.



**GROUND-LIFT** disconnects the internal ground path between the input and the output to help reduce noise from ground loops.

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

**XLR OUT** 600 Ohm balanced, mic-level output will drive 1000 feet without appreciable noise.



**HEAVY-DUTY WELDED I-BEAM** enclosure of 14 gauge steel makes it impossible to torque the PC board. Eliminates cold solder joints.

**BAKED ENAMEL** finish for excellent durability and great looks for years!

**MILITARY-GRADE PCB** with 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.