

Order No. R800 2010



The Radial JDV Super DI redefines the direct box by introducing three zones; two selectable inputs, three instrument outputs, a tuner-out and a balanced output for the console. These zones allow the musician to work within his own unique environment to spur on the creative process with new sounds, while providing the engineer with the ultimate in sonic performance.

Open up the JDV and you will find 100% discreet, over-sized components (no op-amps). The JDV combines our unique feed-forward Class-A circuit (no feedback loops) with extraordinary 30-Volt internal rails to produce unmatched sonic performance where maximum headroom, ultra-low harmonic, phase and intermodulation distortion is achieved. The result is significantly greater detail, minimal coloration, and improved depth and spectral imaging. To capture the natural essence of the instrument, the JDV is equipped with Drag™ control, a unique load correction circuit that reintroduces the natural tone that is lost when connecting to buffered circuits. A pad on the output ensures the JDV will not overload your mixer. As a unity gain device, the JDV will accept huge input levels and send them through without restriction.

The JDV's ultra-low noise signal path makes it possible to present an instrument with an unprecedented 3.9 Meg-Ohm input for use with the more demanding piezo pickups. The Radial JDV is without question, the finest studio direct box made today.

Features

- 100% Class-A circuit yields amazing clarity
- Drag± input load correction for natural sound
- 2 inputs, 4 outputs and a tuner-out
- 3.9Meg Ohm input impedance for piezo pickups

Applications

- The ultimate DI: great with all instruments
- Impedance matching and signal distribution
- Allows complex amplifier and effect setups
- Can drive several amps or effects at once
- Primarily designed for world-class studios

Cool Stuff

- Unique Class-A feed forward circuit design
- 30-Volt rails are impossible to overload
- Dual inputs for quick instrument change
- More than a DI... the JDV is a creative tool!
- 3 year transferable warranty



SIDE CONTROLS - Set and forget switches for 48V phantom, A/B Blend and transformer isolation for the thru-put.

LEVEL A - Fully variable potentiometer, used to set the input sensitivity for channel-A.

HPF - High Pass Filter (lo-cut) eliminates excessive low frequencies.

A/B - Channel selector switch toggles between A and B inputs with.

PHAZER - Adjusts the relative phase between channels to time align fundamentals for a more natural sound.



DRAG - Load correction used to set the desired impedance on the pickup for the most natural tone.

48V - LED indicator lets you know 48V phantom power is activated.

LOAD - Switches input impedance from 10MΩ for piezo transducers to 220kΩ for magnetic pickups.

180 - Shifts the Phazer range from 1-180 to 181-360.

POWER - Locking 4-pin XLR power connection for external power supply.

OUTPUT - Balanced XLR connects to the PA and recording system.

XLR OUT OPTIONS - 180°, ground lift, transformer isolation and +20dB options for the XLR output.

THRU - Unbalanced 1/4" thru-put used to feed the stage amp.



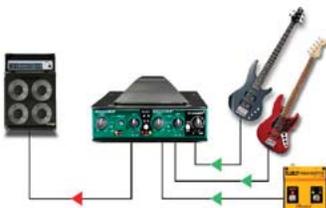
JR-2 REMOTE - Connection for optional JR-2 remote footswitch.

MIC IN - Balanced 1/4" TRS input for condenser or dynamic microphone..

INPUTS A & B - Unbalanced 1/4" input jacks used to connect instruments to the JDV.

Two bass guitars

Connect two instruments and switch between them using the optional JR-2 A-B footswitch. Adjust the levels to match. Then mute for quiet on-stage tuning using the JR-2 mute footswitch.



Acoustic guitar with a mic and pickup

Combine the sound of an under-the-bridge piezo with an instrument mounted microphone. Phase adjust the two sources using the built-in Radial Phazer for the most natural sound ever!



Electric and upright bass

Seamlessly switch between your electric bass and acoustic upright. Use either the piezo optimized inputs or the 48V phantom powered mic input to amplify your acoustic bass.

