

Features

100% passive design - no phantom
Jensen Transformer equipped
Dual function inputs w/2 chan merge
Polarity reverse switch
Speaker level input circuit
Ultra-durable welded steel chassis
Double sided printed circuit board
Protective channel for switches
Ground Lift and Pad switches
No-Slip bottom pad

Artists

Alain Caron
Ani DiFranco
Bare Naked Ladies
Billy Ray Cyrus
Bruce Springsteen
Bryan Adams
Chuck Rainey
Faith Hill
Garbage
Janet Jackson
Jimmy Haslip
Journey
kd Lang
Mark Egan
Marcus Miller
Metallica
Michael Rhodes
Nine Inch Nails
Robert Cray
Sarah MacLaughlin
Seal
Styx
Tragically Hip
Tony Levin
Randy Travis
Victor Wooten
Will Lee

Specifications

Dynamic range:	135dB
Signal to noise:	119dB
Maximum input level:	+19dB
Frequency range:	10Hz-40kHz
Linearity 20-20kHz:	0.1dB
Phase coherence:	4° at 20Hz 0° at 1kHz
Distortion at 20Hz:	0.006%
CMR rejection	100dB @60Hz
Input impedance:	10k
Output impedance:	600
Construction:	Welded steel
Finish:	Baked enamel
Input connectors:	Two 1/4" phone
Output connectors:	XLR male

* The artists listed above are known users of Radial direct boxes but do not necessarily endorse the product. ** Features and specifications are subject to change without notice.



JDI

PHASE COHERENT DI



The JDI Mk3 is a professional direct box that converts hi-impedance instrument signals to balanced low-impedance allowing long cable runs without noise. The JDI Mk3 is ideally suited for all instruments including keyboards, bass guitar and acoustic guitars for use in studio, broadcast and live sound reinforcement.

The Heart of the Beast

The most compelling advantage one enjoys with the JDI Mk3 is the sonic purity. Ruler flat from 5Hz to 80kHz with virtually zero-phase deviation, the JDI will not color, alter or blur the source. This is most apparent in the bass and mid-range where other direct boxes smear the image, reducing definition.

The heart of the Radial JDI Mk3 is the Jensen JT-DBE transformer. Famous for its exceptional quality, high common mode noise rejection, warm Bessel curve, and ability to handle excessive gain without distortion, the JT-DBE advantages the JDI to such a level, one may argue the JDI has no equal. Blistering signals from acoustic guitars and keyboards are processed smoothly permitting full dynamics to be captured without choking. As one magazine put it: "The JDI is vision of purity, the platonic ideal of DI's"

The Ins & Outs

The Radial JDI Mk3 boasts the most extensive feature set of any direct box made today spurring on greater flexibility during performance and greater creativity during the recording process.

The JDI's input panel has both 1/4" input and 1/4" thru-put connectors to allow typical instrument to amplifier connection. A 15dB pad is provided for high level instruments to avoid distortion. A unique merge switch converts the thru output to a second input, to allow two signals such as those from a stereo keyboard to be summed mono when input channel availability is limited.

The output panel sports a male balanced XLR connector that will drive signals to 500 feet. A ground lift is provided to open the chassis ground to help reduce 60 cycle ground-loop noise should it be encountered. A polarity flip switch reverses pin 2 and pin 3 of the XLR to ensure phase coherency when multiple sources such as using the JDI on a bass and a microphone on the amplifier is used simultaneously. A 30dB speaker (high level) pad is also offered to allow parallel connection to the speaker cabinet to capture the 'post amplifier' sound. When depressed in conjunction with the pad, a low-pass roll-off circuit is engaged that mimics the sound of a 12" speaker cabinet.

Built for the road

Following the tradition of all Radial products, the JDI Mk3 is made tough to handle the abuse of the road. The innovative book-cover design features an internal 14 gauge steel skeleton that is corner welded to ensure the internal electronics will never be subjected to outside stress. The military grade PC board is mounted on steel pem nuts and the whole is then enclosed in a second steel casing. A baked enamel coat protects while a no-slip full rubber pad protects against slipping and provides electrical isolation from guitar amplifiers handles that are usually bound to the charged chassis.

Great sound, no distortion, lower noise, and an exceptional feature set; it's no wonder, the Radial JDI is considered to be the best direct box made today.

www.radialeng.com

Radial Engineering - 1638 Kebet Way, Port Coquitlam, BC V3C 5W9 · tel: 604-942-1001 · fax: 604-942-1010 email: info@radialeng.com