

## 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.

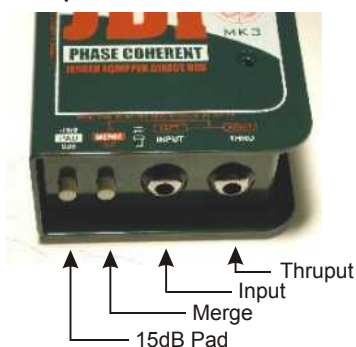
The output panel sports a male balanced XLR connector that will drive signals to 500 feet. A ground lift is provided to open the chassis ground to help reduce 60 cycle ground-loop noise should it be encountered. A polarity flip switch reverses pin 2 and pin 3 of the XLR to ensure phase coherency when 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*

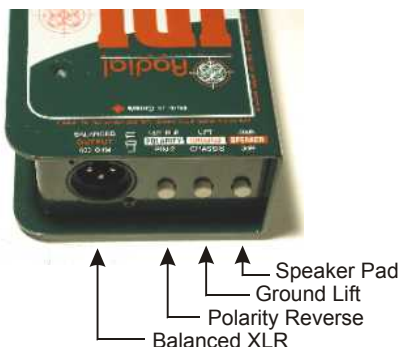
Following the tradition of all Radial products, the JDI Mk3 is made tough to handle the abuse of the road. The innovative book-cover design features an internal 14 gauge steel skeleton that is corner welded to ensure the internal electronics will never be subjected to outside stress. The military grade 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.

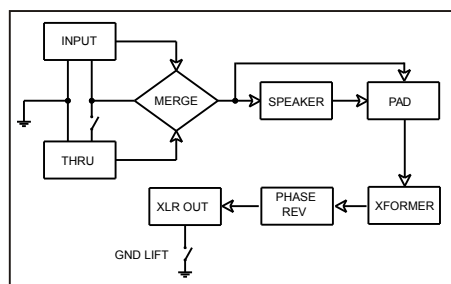
Input Panel



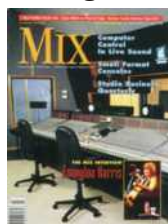
Output Panel



JDI Mk3 - Block Diagram



## Magazine Reviews



### MIX Magazine

"The Radial was the hands-down winner... it had the lowest IMD... The Clear winner!"



### Audio Media Magazine

"These DI's deliver flawless sonic quality... The Radial can handle any situation."



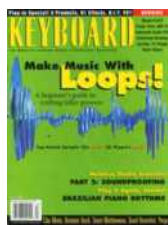
### Bass Player Magazine

"Strong and muscular-even on the 'B' string!..Top tone, Best built, Most innovative."



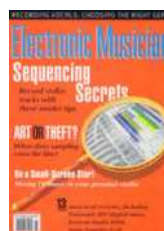
### Recording Magazine

"The Radial JDI's the platonic ideal of Di's... The Radial JDI a passive DI fan's dream."



### Keyboard Magazine

"Radial Engineering has done a superb job with these direct boxes... They're worth every penny."



### Electronic Musician

"You won't find anything offering better performance... Quiet, transparent, versatile, and built to last."



### Professional Sound

"The Radial is remarkably clean with a wonderful transparency and fullness of tone... Smooth low end and punch."



### Pro Audio Review

"The JDI is a winner from every angle. It's feature packed and sounds great!"