

Order No. R800 1020



The Radial JDI Duplex is a high performance two channel direct box that is designed to provide maximum flexibility for the audio engineer in the most demanding applications. It features two premium Jensen Transformers for optimal signal transfer with absolute minimum distortion while providing the smooth and warm sounding Bessel response that has made Jensen legendary. This makes the Radial Duplex perfect for producing a more analogue character from digital sources such as pianos and samplers that tend to sound 'edgy'.

Each channel of the Radial Duplex features two parallel 1/4" and RCA inputs for source connection and thru-put to a high impedance destination. This is augmented with an XLR input for balanced +4dB sources. Front panel controls include a -15dB pad for high level sources, a high-cut filter to help eliminate noise from older electronic devices and a stereo-to-mono merge function that mixes two inputs to mono at the XLR output.

As with all Radial products, the Duplex is built for the road but 'cleans-up' nicely for the most elegant studio date. Plug & play easy to use, the Duplex is perfect for all instruments and high output sources where the most demanding audio quality is required.

Features

- Best sounding stereo DI in the world!
- Linear response from 10Hz ~ 40kHz
- Enhanced connectivity: 1/4", RCA, and XLR inputs
- Extraordinary level handling without distortion
- Built to handle the rigors of live touring

Applications

- Digital piano, samplers and keyboards
- Stereo bass guitar & synth setups
- CD, DJ mixers and DVD players
- High output balanced +4dB sources

Cool Factors

- 'Plug & play' easy-to-use!
- Transformer isolation eliminates hum & buzz
- Virtually impossible to overload
- No battery or phantom power required
- Makes just about anything sound better!
- 3 year transferable warranty
- 20 years on the transformers

-15dB PAD allows super-hot signals to be connected without distortion.

1/4" Phone and RCA jacks for instruments and line-level sources like CD players.

XLR-IN SELECT activates the +4dB XLR input and disconnects the 1/4" & RCA jacks.

MERGE turns the input and thru jacks into a passive mixer to sum stereo signals to mono.

HI-CUT FILTER works when the PAD is engaged to reduce hiss and noise.



+4dB XLR INPUT for balanced line-level sources like mixing consoles and pro VTRs.



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

180° POLARITY REVERSE on the XLR output helps align phase when mixing with mics.

GROUND LIFT helps reduce noise caused by ground loops. Lift pin-1 on both channels.

XLR OUTPUT 600Ω balanced mic-level output for runs to 1000' (300m) without noise.



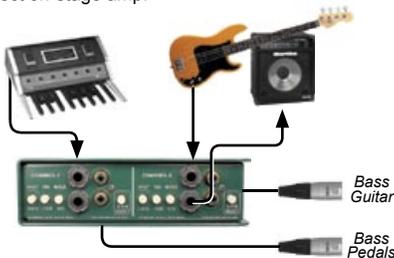
14-GAUGE STEEL welded I-beam enclosure makes it impossible to torque the PC board. Eliminates cold solder joints.

JENSEN nickel core transformer for distortion-free signal transfer and 100% isolation.

MU-METAL SHIELD for protection against radio frequency and electromagnetic interference.

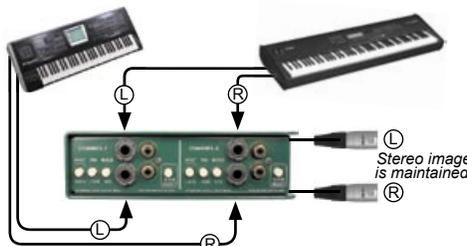
Two Mono Instruments

Great for any dual instrumentalist. Like bass pedal and bass guitar. THRU jack used to connect on-stage amp.



Two Stereo Keyboards

MERGE function allows two keyboards to connect and maintain their stereo image.



+4dB Pro Signals and -10dB Consumer

The +4dB XLR input accepts signal from pro-audio devices like broadcast VTRs and mixers.

