

Order No. R800 1020



The Radial JDI-Duplex is a full-feature, passive stereo direct box designed to enhance connectivity, reduce noise, and deliver the utmost in sonic quality. The Duplex employs two of the worlds' finest Jensen audio transformers to deliver exceptional signal handling with virtually zero phase shift or harmonic distortion. When driven to extremes, Jensen's natural saturation and resulting warm Bessel curve makes the Radial Duplex the perfect choice for smoothing out highly dynamic instruments such as active bass, digital piano and electronic drums that can sound harsh when pushed hard. Transformer isolation provides the additional benefit of eliminating troublesome ground loops that can cause hum and buzz in the audio system or interfere with video displays. The Duplex is equipped with 1/4" connectors for instruments, RCA connectors and a 3.5mm TRS for unbalanced -10dB consumer electronics plus XLR inputs for +4dB professional line sources. The steel outer shell features Radial's innovative book-end design that creates a protective zone for the jacks and switches and works with the inner mu-metal can to protect against electro-magnetic interference. The Radial Duplex delivers outstanding connectivity, superlative audio and quiet dependable performance.

**Features**

- Linear response from 10Hz ~ 40kHz
- Enhanced connectivity with 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
- Inputs for line-level +4dB sources

**Cool Stuff**

- 'Plug & play' easy-to-use!
- Transformer isolation eliminates hum & buzz
- No battery or phantom power required
- Makes just about anything sound better!
- Jensen transformer equipped for ultimate performance



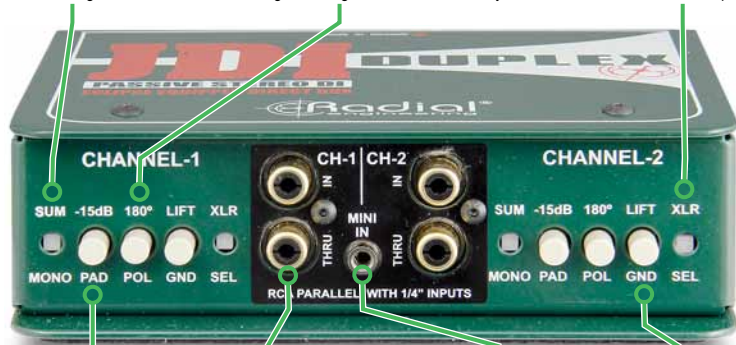
**Jensen** - Nickel core transformer for distortion-free signal transfer and 100% isolation.

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

**SUM MONO** - Turns the input & thru jacks into a passive mixer to sum stereo signals to mono.

**180° POLARITY** - Reverses pin-2 and pin-3 on the XLR output to help phase align the stage sound with the PA system.

**XLR-SEL** - Activates the +4dB line level balanced XLR input.



**-15dB PAD** - Reduces the input sensitivity to allow high output signals from keyboards to be connected without distortion.

**RCA STEREO** - Inputs for consumer level devices such as CD players and other hifi devices.

**3.5MM MINI** - TRS input provides easy interface for laptops, tablets, smart phones and iPods.

**GROUND LIFT** - Disconnects the audio ground to reduce hum and buzz caused by ground loops.

**XLR OUTPUT** - Balanced low-z mic-level output enables cable runs of 100 meters (300') without noise.

**+4dB XLR** - Input used to connect balanced line-level sources like mixing consoles and pro VTRs.

**1/4" INPUT & THRU** - Jacks to connect source and pass the signal on to an amp or mixer.



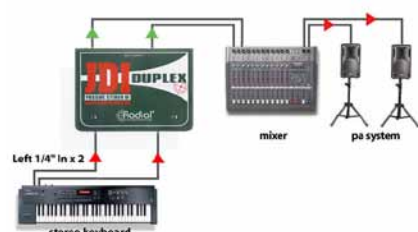
**DURABLE POWDER COAT** - Finish keeps your Duplex looking great for years!

**FULL BOTTOM PAD** - Provides both electrical insulation and mechanical isolation.

**14-GAUGE STEEL** - Provides protection against external magnetic fields and maximum durability.

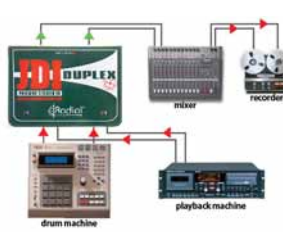
**Duplex with Stereo Keyboard**

The Duplex is able to withstand huge transients without distortion. This gives digital keyboards a warm, smooth vintage tone.



**Duplex with Two Stereo Sources**

With the dual stereo architecture, the Duplex can easily be set up to handle two different stereo sources at the same time.



**Duplex in Multimedia System**

Whether you have a CD player, iPod, computer or professional +4dB balanced source, the Duplex can handle any situation.

