DI-3 & DI-2

Active Direct Injection Boxes/Signal Splitter (DI-2)

Quality direct boxes are hard to find in today's disposable marketplace - either quality products are too expensive or the economy version is too fragile.  The excellent quality DI-3 single channel D.I. box has a mono jack input and link out socket, a ground lift to eliminate hum loops, a three position attenuator for accurate level matching, and a balanced 600 ohm XLR output. The active electronics have a purely resistive high input impedance, and so do not colour the sound.  Both models can be powered in 3 ways: by a 9 volt battery, phantom power from the desk (or an MTR PPS-48), or an external 9v regulated power supply.

The DI-2 is a two channel version in the same sized box, for use with stereo keyboards or two separate mono signals. It can also be used as a **balanced signal splitter** by connecting a short jack-to-jack lead from the link socket of channel 1 to the input of channel 2.  Channel 1's signal will then be available on both balanced XLR's, and channel 2's link socket.  The attenuation switches remain working independently.  
  
***Specifications****-*  
*Freq. Res: 20Hz-20kHz ±3dB.*  
*Distortion: (THD) < 0.005% at 1kHz, 0dBu*  
*Output Noise: <-100dB unweighted*  
*In/Link Impedance: 1MOhm, jack.*  
*Output Impedance: 600 Ohms balanced XLR.*  
*Atten. Switch: -40, -20, 0dB.*  
*Ground Switch: Lifted/connected.*  
*DC Input: 9vDC, 100mA, neg. centre pin*  
*Phantom Power: +18 volts DC to +48 volts DC*  
*‘Low Bat’ led: glows @ approx. 6v*  
*Weight: 0.5Kg*

**"I have a number of the MTR active DI's, and the newest of them has given over 6 years trouble free service - the oldest is nearer 20***" - Peter John Chivers http://www.stageboxsystems.co.uk*

**"Another happy user of MTR active DIs. Note these DIs do not have transformers in them, so they have an interesting set of tradeoffs; they have extended frequency response compared to lesser transformer equipped DIs, so bass gtr is not a problem. It also means they never truly ground lift, and it means they never get inductive coupling from the mains or output transformers of the amp they are sitting on. *All that said, in practice, they work, and work well". -****David Buckley. http://www.davidbuckley.name*

**"Thanks for a couple of excellent pieces of kit: just got two D1-2s to add to my DI-3: a 15-year old veteran that is still going strong! " -***MikeWilloughby - melodeon, bouzouki, guitar, harmonica with Ceilidh band***Striding Edge, www.striding-edge.org**

**"I have been using MTR DI boxes for over 10 years now with flawless performance and these dual passive ones are no exception. I have always found them to be well built. You get the feeling you could drop them from a lighting rig and they'd still work. The sound quality is also very good. The features are very user friendly with a ground lift, a -10dB and -20dB level reduction switch for hot signals and a link output for connecting a separate amp or monitor. The value of these are very good as well. I have used cheaper brands but the quality just isn't as good.**

*Reviewed By: Matt Rowbottom, c/o Absolute Music, Poole*