IsoDI
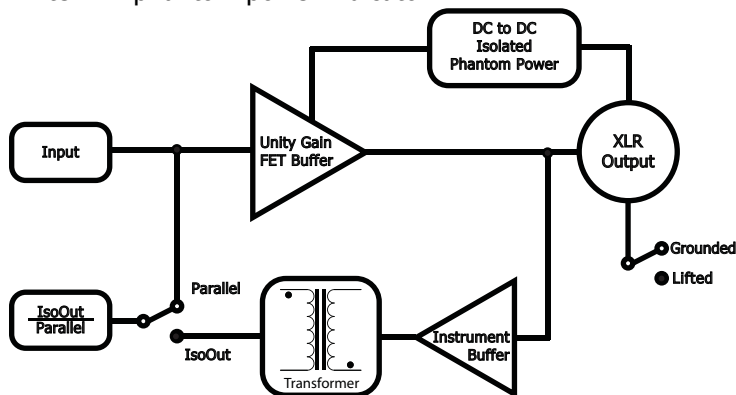## REFERENCE GUIDE

① XLR Output P48 volt phantom power required

② Switches the IsoOut/Parallel jack between a buffered transformer isolated output and a parallel or mix input. Isolated is in.

③ Push the switch in to lift the Input ground from the XLR pin 1

④ Input to 10 MΩ FET buffer

⑤ Can be mix input / parallel output or the IsoOut based on switch ②

⑥ White LED phantom power indicator

OVERVIEW

The IsoDI has a transformer isolated power supply to allow a ground lift while still operating with phantom power. Pin 1 on the XLR is always connected to the chassis, but can be connected to the Input ground with the XLR switch.

The IsoDI has two modes: Parallel and IsoOut.

Parallel mode: the Input and the Parallel jacks are wired together so that they can be used as two summed inputs or as an input and a loop out to an amplifier.

IsoOut mode: the IsoOut jack is a transformer isolated output. This isolation can break ground loops, but also helps to reject noises from being injected into the input from the amplifier.

Avenson Audio

IsoDI
APPLICATIONS GUIDE

Clean Instrument Sound

The IsoDI has a high input impedance so that it doesn't load down passive instruments. The main signal path is also transformerless to give the ultimate transparent tone.

- Connect instrument to Input
- Connect XLR to phantom powered preamp input

Noisy Stage Ground

Badly wired stages are pretty common. Light dimmer hash and other noises are coming out of the amp before you even plug into it. The IsoDI's IsoOut feature can keep these noises out of the DI feed.

- Connect instrument to Input
- Connect XLR to phantom powered preamp input
- Connect the amp to the IsoOut Jack
- Push in the IsoOut/Parallel button

Two Amplifiers

Setting up a couple of amplifiers in the studio can be a great way to test out different tones, but often just turns into a mess of ground noise. The IsoDI can help by isolating one amp from the other.

- Connect instrument and one amp to the Input with a Y-Cable
- Connect XLR to phantom powered preamp input
- Connect the other amp to the IsoOut Jack
- Push in the IsoOut/Parallel button