

HIGHLINE

Passive Line Isolator

Retain the Full Output from your Pedalboard or Amp Simulator

- No loss of signal strength or tone when connecting to a mixer.
- Radial's renowned reliability and build quality.
- Precision-wound Jensen Transformer delivers exceptional clarity and warmth.
- Passive, plug-and-play design requires no external power.

Amp simulators are more popular than ever, but they present a unique set of problems for guitar and bass players who want to interface them with a PA system. While amp sims can produce line-level outputs, they often have 1/4" unbalanced connectors that aren't designed for long cable runs, and they encounter hum and buzz from ground loops when connected directly to the PA.

The Radial Highline is ideal for players who utilize amp simulators on their pedalboard. The Highline features premium Jensen 1:1 transformers that retain the full volume from the amp sim while providing isolation that breaks up ground loops and protects against phantom power, along with a balanced output that can be run over long distances without signal degradation.



Features

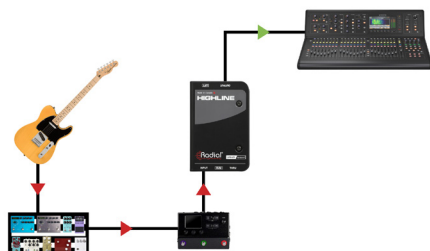
Input

- **Input:** 1/4" input jack to connect to the balanced or unbalanced outputs from amp simulators & guitar pedals.
- **Thru:** 1/4" output to feed a stage amplifier. Can also be used as a second input if using a stereo source device.
- **Sum:** Turns the Input and Thru jacks into a passive mixer to sum stereo sources down to mono.

Output

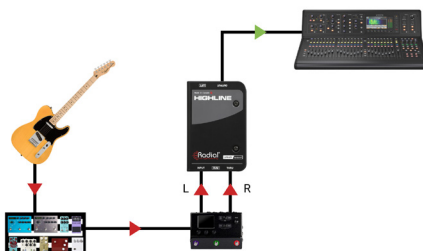
- **Output:** XLR output provides a balanced & isolated signal for feeding the input of a mixer.
- **Lift:** Ground lift switch eliminates hum and buzz from ground loops.

Applications



Connect your amp sim to the PA

The Highline allows you to send the signal from your guitar amp sim right to the PA while retaining the signal level and sound quality. The transformer inside provides isolation to reduce noise and protects your gear from accidental phantom power activation.



Sum a stereo amp sim to mono

The Highline can also be configured to accept a stereo signal and sum both channels to the XLR output, so you don't have to reconfigure any of your presets when channel space is limited at the PA. Just engage the sum switch and you can use the Thru jack as a second input.

Differences between Isolators and DIs?

Direct Box (JDI)

- Takes instrument-level signals from guitars and basses and converts them to mic-level to feed the PA.
- Utilizes a 12:1 transformer for level conversion and isolation.

Isolator (Highline)

- Takes line-level outputs from guitar amp sims and feeds the PA with no drop in signal level.
- Utilizes a 1:1 transformer to provide isolation at unity gain.