

SGI STEREO

Stereo Instrument Line Driver



SMART SHEET

Take Your Tone Further in Stereo

- Balanced stereo line driver for guitar pedals, pedalboards, or amp modellers
- Send signals up to 100 meters (300ft) without loss or noise
- Premium Jensen transformers for optimal sound quality
- Delivers natural tone to off-stage amplifiers
- Transmits analogue audio over a single, economical Cat5 Ethernet cable
- Can be powered by any power supply from 9V to 18V



The SGI Stereo is a two-channel version of our SGI system, and consists of two boxes: the SGI Stereo TX transmitter and the SGI Stereo RX receiver. A high-performance stereo line driver system for guitars, the SGI Stereo takes a pair of unbalanced instrument signals and allows you to drive them up to 100 meters (300ft) over a single standard Cat5 Ethernet cable without noise or signal loss, eliminating the need for XLR cables.

Featuring locking RJ45 etherCON connectors (compatible with Neutrik etherCON locking connectors) on the TX and RX units, the SGI Stereo allows guitar players with stereo rigs to connect to dual amplifiers in remote locations on large stages or in studio amp rooms. The SGI Stereo can also be used with a facility's existing Ethernet infrastructure.

A line extension of our innovative SGI system, the SGI Stereo offers pristine sound, streamlined connectivity, and increased functionality via a pair of L/R Thru-puts on the RX unit for connection to local amplifiers, and a 180° Polarity reverse switch on the RX.

Features



Input

- **L/R Guitar Inputs:** hi-Z standard ¼" jacks for guitar, bass, and keys.
- **PSU Connector:** 9-18VDC supply. Ships with a 15V power supply included.

Output

- **Locking RJ45 etherCON output:** sends balanced signals to the SGI-RX using one standard Cat5 Ethernet cable up to 300ft.
- **L/R Guitar Thruputs:** hi-Z standard ¼" jacks for guitar, bass, and keys for feeding unbalanced signals to local amplifiers or a direct box.



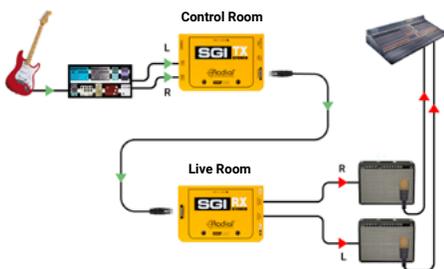
Input

- **Locking RJ45 etherCON input:** receives balanced signals from SGI-TX unit using one standard Cat5 Ethernet cable.

Output

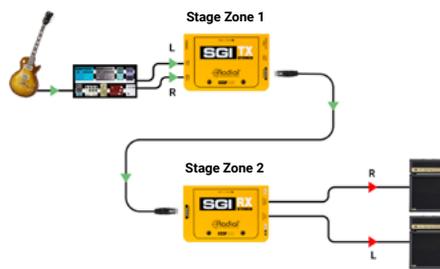
- **L/R Guitar Outputs:** ¼" outputs connect to amps or pedals.
- **L/R Ground Lifts:** reduces ground loop hum by disconnecting the audio ground path on the RJ45 jack.
- **180° Polarity reverse switch for Left Output:** corrects signal cancellation for amplifiers wired out of phase.

Applications



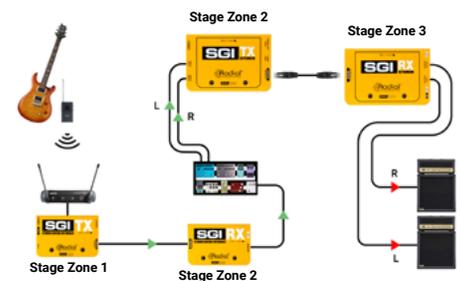
Using the SGI Stereo in the studio

The SGI Stereo is the perfect interface for studio recording. Now, you can sit in the control room and play guitar and actually hear what is coming through the monitors while you play. Simply connect your guitar or pedalboard via two ¼" instrument cables to the TX, run a single standard Cat5 Ethernet cable to the RX, and crank to your heart's content!



Using the SGI Stereo on stage

The SGI Stereo is a ready-made solution for large stages where high-impedance guitar signals are often affected by the capacitance of long cables or noise due to lighting systems. The SGI Stereo balances the signal from your pedalboard and delivers it without noise. Perfect for isolation cabinets, under stage amps, or remote 'quiet' rooms.



A solution to complex routing systems

The SGI Stereo system is a wonderful tool for helping manage complex setups on stage. You can also use an original SGI to route the signal from a wireless receiver to your pedalboard, then use a pair of SGI Stereo units to drive your stereo pedalboard output to remote guitar amplifiers and drive signals up to 100 meters (300 ft) without noise.