

## Features

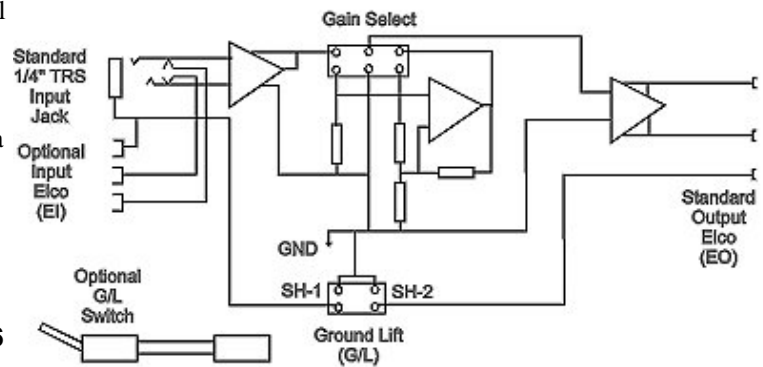
- Input tie panel and multichannel balancing amplifier in one
- No sonic degradation
- High common mode rejection
- High density
- Economical
- Selectable Gain - 6dB, 14dB, & 20dB
- User selectable grounding



Signal Transport's Synth Driver Plus addresses a common problem found in MIDI/Synthesizer, Project, and Commercial studios; unbalanced audio sources cause buzz and hum. Synth Driver provides a compact, convenient, high density balancing interface for your synthesizer, MIDI voices, and any other unbalanced gear, so that even in the largest installations you can enjoy clean, quiet operation free of extraneous noise.

For best results, Synth Drivers are mounted in the rear of the synthesizer voice racks, close to the sound sources, and fed with short 1/4" jumper cables. Balanced output signals are then routed to the console via multi-pair cables. The high quality output balancing of the Synth Driver provides the ideal source for most mixers with balanced inputs. Each Synth Driver channel features a balanced input to eliminate ground loops between your synths and the Synth Driver itself. Front panel mounted ground lift (GL) switches allow you to configure the input/output shield lifting, per channel, for compatibility with studio wiring and to take advantage of the input balancing. Internal gain jumpers allow you to select the right gain structure for the gear being connected.

All models include 1/4" TRS input connectors as well as multi-pin outputs. Rear panel multi-pin inputs are available as an option. Front panel ground lift switches, one per channel, are standard. Multi-pin input models provide a handy method of interfacing a "local" unbalanced input mixer without compromising the balance of the output send.



**Both types are available in 32 channel and 16 channel versions.**

Typical ordering number: SD-32-EO-GL (32 channel unit with Edac/Elco output and ground lift switches)

## Dimensions

- 19"W x 1.75"H x 6.5D 6 lb
- Allow additional 4" depth for connectors and cables
- Tabletop PSU included 3"W x 6"L x 2.5"D
- (Specify 240V option at order, if needed)

## Specifications

- Hum and noise: -80dBu 20-20K unweighted

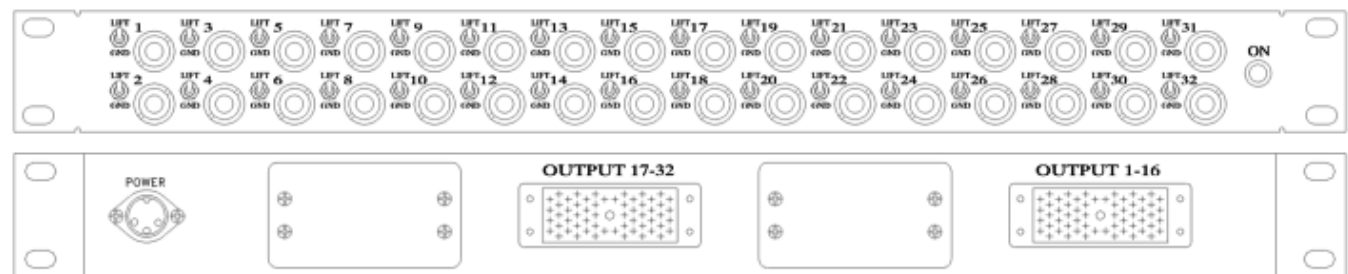
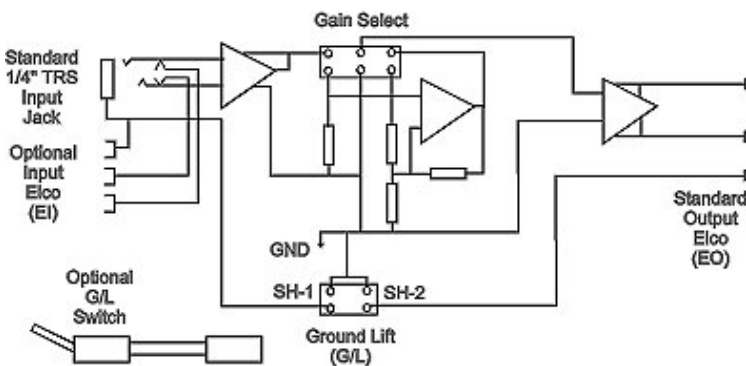
- Frequency response: 10Hz to 60Hz with 10K $\Omega$  load
- Input impedance: 20K $\Omega$  balanced
- Output drive: >+22dBu into 600 $\Omega$
- Input CMRR: >60dB 20Hz-20kHz
- Output CMRR: >40dB 20Hz-20kHz

### Available Accessories

Signal Transport can provide accessories and complete studio wiring packages. Please call for a quote on your specific requirements.

- Mating Elco/Edac connector kit (solder type or crimp - specify at order) includes split metal hood.
- Elco squids and multipair cables to console tie line multipins
- 1/4" input jumper cables

### Type EO-GL (Edac output with front panel ground lift switches)



### Type EIEO-GL (Edac input and output with front panel ground lift switches)

