

## Features

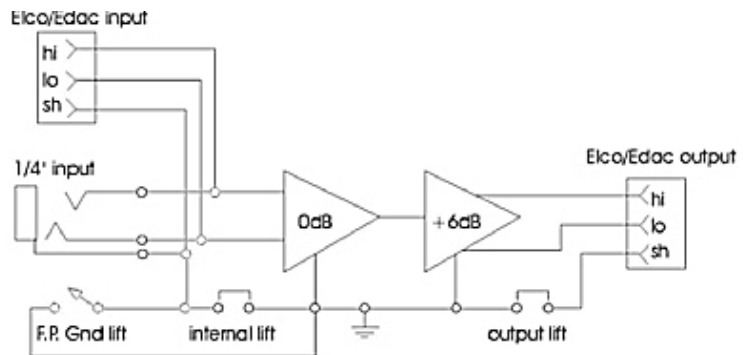
- Input tie panel and multichannel balancing amplifier in one
- No sonic degradation
- High common mode rejection
- High density
- Economical
- 6 dB fixed gain
- User selectable grounding



Signal Transport's Synth Driver addresses a common problem found in the MIDI/Synthesizer studio; unbalanced audio sources cause buzz and hum. Synth Driver provides a compact, convenient, high density balancing interface for your synthesizer and MIDI voices, 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. Internal one-per-channel ground jumpers allow you to configure the input/output shield lifting for compatibility with studio wiring and to take advantage of the input balancing.

All models include 1/4" input connectors and multi-pin output. Options include rear panel multi-pin inputs and front panel individual ground lift switches in place of internal jumpers. Multi-pin input models provide a handy method of interfacing a "local" unbalanced input mixer without compromising the balance of the output send. Specify a ground lift model with front panel input lift switches when you expect frequent equipment changes.



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

Typical ordering number: SD-32-EO (32 channel unit with Edac output)

## 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

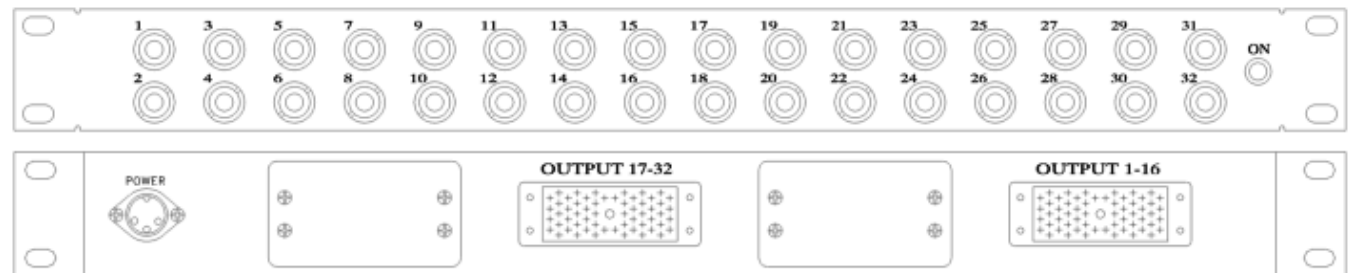
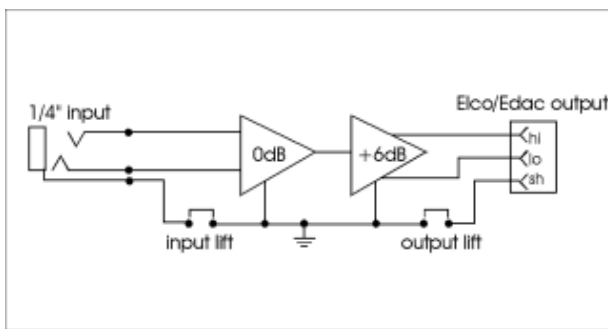
- Frequency response: 10Hz to 60Hz with 10K $\Omega$  load
- Input impedance: 20K $\Omega$  balanced
- Output drive: >+22dBu into 600 $\Omega$
- Input CMRR: >60dB 20Hz-20kHz
- Output CMRR: >40dB 20Hz-20kHz

### Available Accessories

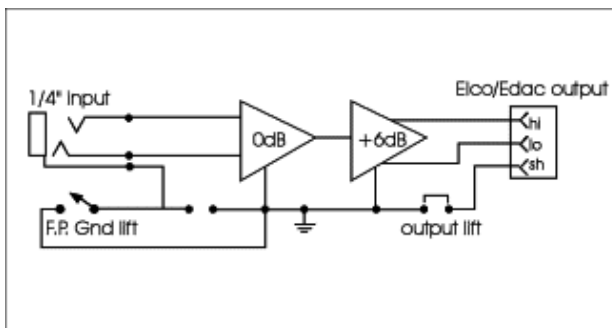
Signal Transport can provide accessories and complete studio wiring packages. Please call for a quote on your specific requirements.

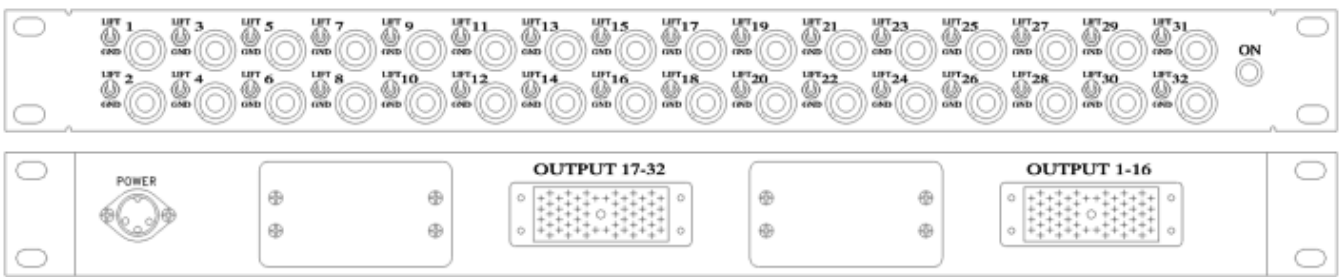
- Mating Elco/Edac connector kit (solder type or crimp - specify at order) includes split metal hood.
- Elco squids and multipair cables to console tie line multipins
- 1/4" input jumper cables

### Type EO (Edac output)

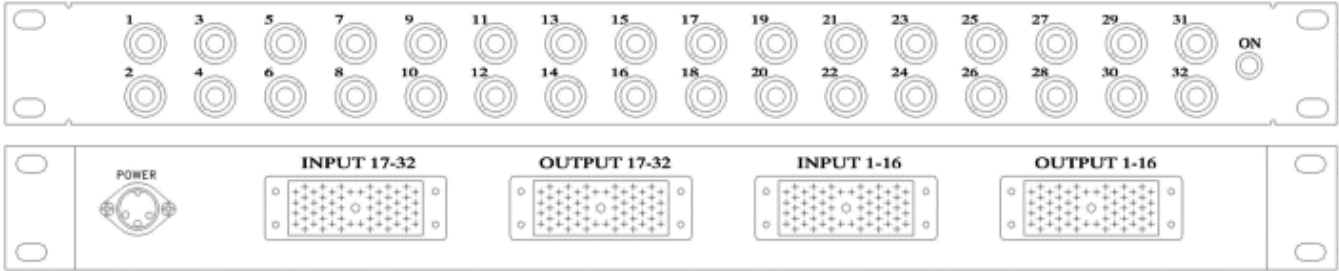
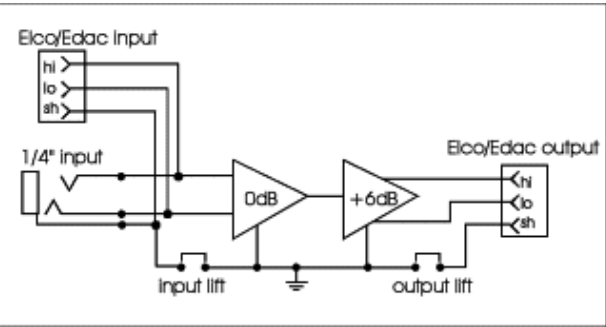


### Type EO-GL (Edac output with front panel ground lift switches)





Type EIEO (Edac input and output)



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

