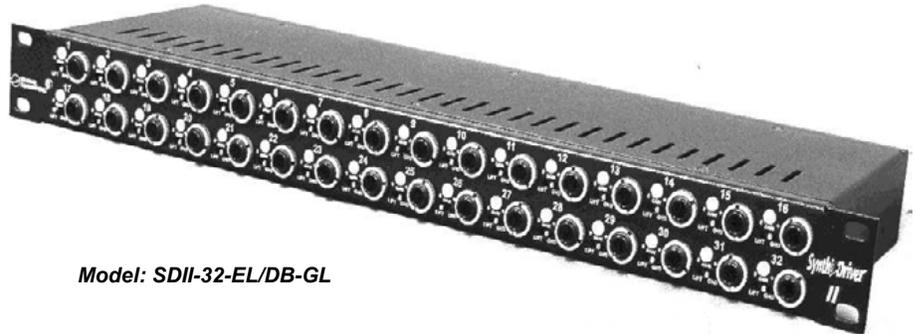


Synth Driver™ II

Feature:

- *Multi-channel balancing amplifier, available as a fully loaded 32ch or short-loaded to 24ch, 16ch or 8ch.*
- *8ch upgrade for short-loaded units.*
- *Variable gain on each channel.*
- *Ground Lift switch on each channel.*
- *Choice of female Elco / Edac-56 or DB25 multi-pin Input / Output connectors.*
- *1/4" Input jacks standard on front panel.*
- *High common mode rejection.*
- *High density.*
- *No sonic degradation.*



Model: SDII-32-EL/DB-GL

Cleans up synthesizer audio wiring - eliminating hums and buzzes

Signal Transport's *Synth Driver II* is the right solution for a common problem found in many commercial, home project and MIDI/Synthesizer studios: unbalanced audio sources that cause hums and buzzes.

The Synth Driver II is a compact, convenient and high density balancing interface for your synthesizers, MIDI voices and / or any other unbalanced source in your facility. It enables you to enjoy clean and quiet operation, free from extraneous noise.

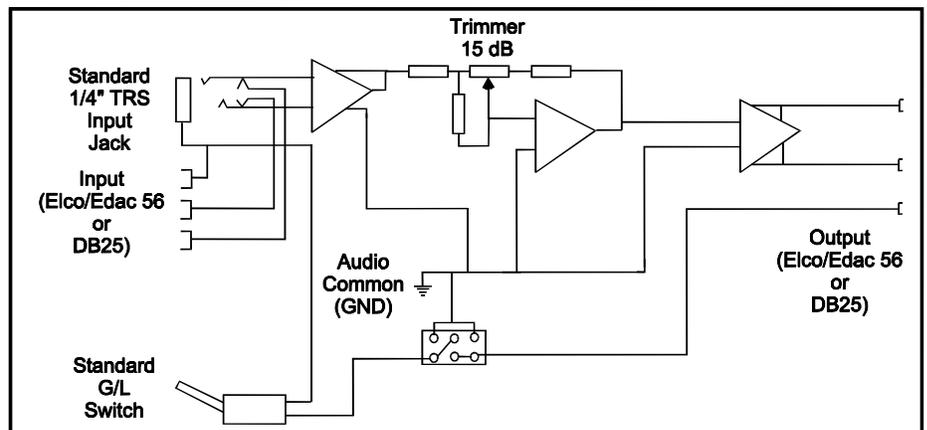
Many new features have been added to this next generation Synth Driver, features like; Variable Gain on each channel, Ground Lift switch as standard

so that when a jack is plugged in it disrupts the normal flow from the multi-pin Input connector. By doing it this way you get an *Isolated Input* path for that "unknown" piece of gear you want to patch into your system.

For best results, always keep unbalanced cables as short as possible, once the signal is balanced the unit is capable of driving long lines with ease. The high quality balanced output provides the ideal source for all balanced inputs. Each input channel features a high common mode rejection circuit to reduce hums and buzzes and a Ground Lift switch to eliminate ground loops between your unbalanced gear (synths, MIDI voices, etc) and the *Synth Driver II* itself. The Synth Driver II is normally configured so that the input and output shields are connected to audio ground, that when the Ground Lift switch is activated the input shield is disconnected from audio common. We've also added an Audio Ground Lift switch on the rear of the unit in case you want to isolate the audio common from AC common/ground.

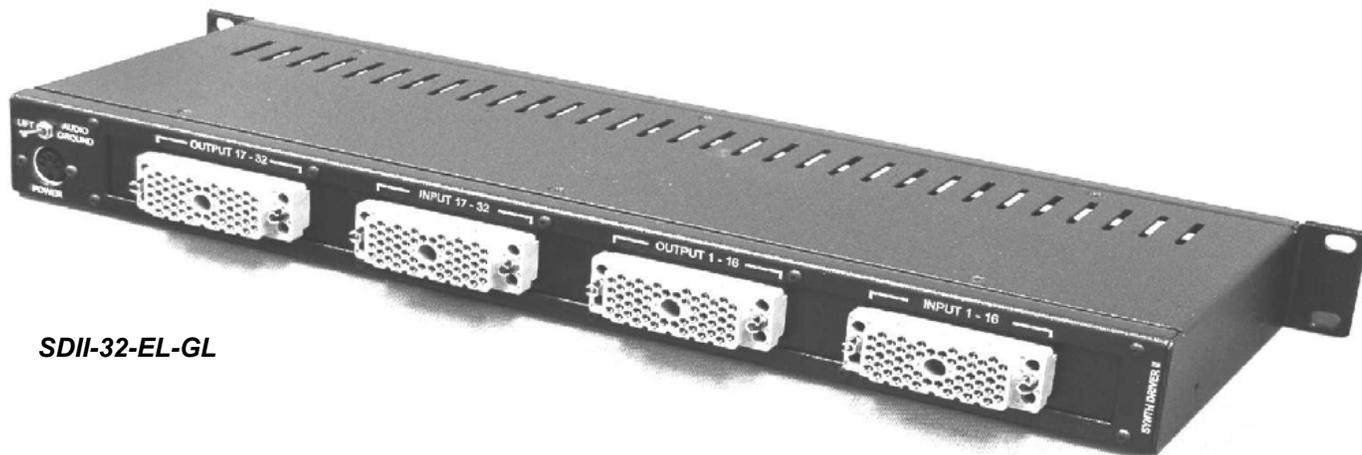


on each channel plus the choice of either Elco/Edac-56 or DB25 multi-pin connectors for Inputs and Outputs. (see back page for details) To give you even more flexibility we've wired the front panel mounted 1/4" TRS jack sockets in series with the multi-pin connectors

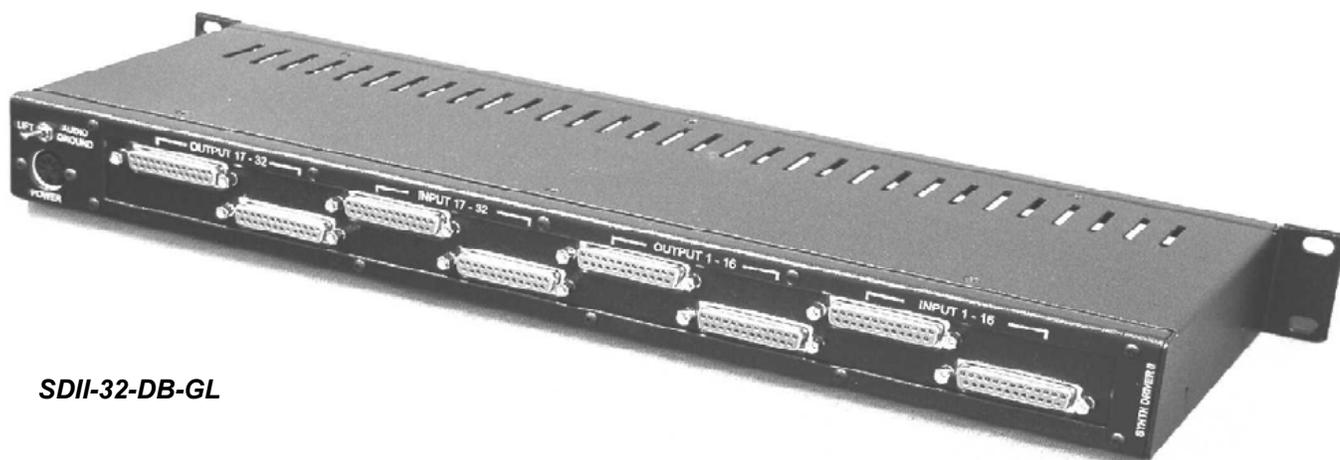


Synth Driver II

Input / Output Interface Options:



SDII-32-EL-GL



SDII-32-DB-GL

Dimensions:

19" W x 1.75"H x 6.5"D / 6lbs.

Allow an additional 4" depth for the connectors and cable.

110V Tabletop PSU included 3"W x 6"L x 2.5"H / 3lbs.

Options:

- 8ch factory Upgrade for short-loaded units.
- Choice of Elco/Edac or DB25 multi-pin Input and Output connectors.
- Mating Elco/Edac or DB25 connector kits. (specify crimp or solder)
- Elco/Edac or DB25 to 1/4" Jack and XLR Interface cables.

- 100-240 VAC 47-63Hz CE power supply for International market.

Specifications:

Hum & noise: -80dBu 20Hz-20KHz unweighted.

Frequency response: 10Hz-60KHz +/-0.1dB.

Distortion: >0.01% 20Hz-20KHz.

Input Impedance: 25K Ω

Output: >+22dBu into 600 Ω

Input CMRR: >60dB 20Hz-20KHz.

Output CMRR: >40dB 20Hz-20KHz.



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