



Neutrino A808, A1608, A0816

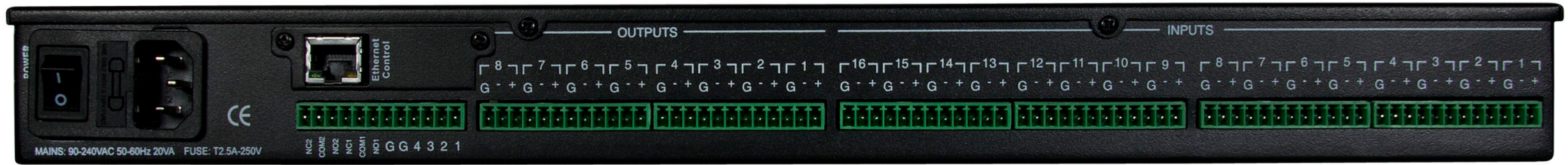
- **8x8, 16x8, 8x16 In-Out Configurations**
- **Top Sound Quality for Prestige Installation Applications**
- **Mic/Line capability (Phantom power included)**
- **Drag and Drop DSP Modules**
- **Create Customized Systems on the fly**
- **Limitless Combinations of Audio Functions**
- **Ongoing Module Development**
- **Flexible Analog/Digital I/O Requirements**
- **Optional AVB (Audio Video Bridging) Digital Audio Network**
- **Works with NeuConsole Software**
- **Professional Performance and Installation Applications**

Neutrino is a next generation configurable DSP system for Professional Audio installation applications. The NeuConsole Software includes a library of critically developed DSP modules: Gain, Delay, Equalizer, Crossover, Compressor, Mixer, Meter, Generator, etc. New modules will be added to the library under our ongoing engineering development. The sound engineer decides what DSP modules to be used and how the signals to be routed. Neutrino Software ensures the workability of the final netlist. The compiled netlist will then be transferred to the Neutrino processor, which acts exactly the same as the functional DSP blocks in designed netlist.

Neutrino provides limitless possibilities to fit in any venue, large or small. NeuPanel can be used for remote control applications. To complete this professional product, a super low latency Ethernet Audio Network is employed. Existing installed network on-site can be used without the requirement of a separate dedicated network for Neutrino. Standard Ethernet switches/routers can be used.

With Ethernet connectivity, Neutrino is able to be controlled by NeuConsole or any third party device via wired or wireless network.





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Specifications

Inputs and Outputs

Input Impedance:	>10k Ohms
Output Impedance:	50 Ohms
Maximum Level:	+20dBu
Type:	Electronically balanced

Audio Performance

Frequency Response:	+/- 0.1dB (20 to 30kHz)
Dynamic Range:	110dB typ (unweighted)
CMMR:	> 100dB (50 to 10kHz)
Crosstalk:	< -100dB
Distortion:	0.002% (1kHz @+4dBu)

Digital Audio Performance

Processor:	40-bit
Sampling Rate:	48kHz
Analog Converters:	High Performance 24-bit

Front Panel Controls

Display:	2 x 24 Character Backlit LCD
Signal LEDs:	1 per channel
Status LED:	Data
Buttons:	Menu Controls
Dial Encoder:	Embedded Thumb Wheel

Connectors

Analog Inputs:	Phoenix Plug-in 3.81 mm
Analog Outputs:	Phoenix Plug-in 3.81 mm
Ethernet:	Standard CAT-5
Power:	Standard IEC Socket

General

Power:	90-240 VAC (50-60Hz)
Dimensions:	19"x1.75"x9" (483x44x229 mm)
Weight:	11 lbs / 5 kg

Note: Specifications subject to change without notice