



400W 4 Channel Multi Impedance Power Share Amplifier

CLA404

SKU: 187261 UPC: 61207970357

The AtlasIED CLA404 is a four-channel, 400W multi-impedance amplifier featuring AtlasIED's Patent-Pending Power Share technology. This innovative feature is an industry first, allowing for controllable power levels to be accurately applied to different zones regardless of the load impedance.

Designed for versatility, the CLA404 amplifier is suitable for both commercial 25V/70.7V/100V distributed systems and sound reinforcement applications requiring amplification for low impedance loads like 2, 4, or 8 ohms. The amplifier's power supply adopts a switch-mode, global auto-sensing design, ensuring a stable output even in fluctuating power conditions. The power supply and output stage are meticulously engineered to deliver exceptional dynamic high output voltage and current simultaneously to virtually any loudspeaker load.

Configuring each channel's Power Share level and speaker load is fast and simplistic with the CLA amplifier. Simply select the desired power level and load type via the switches located on the rear panel.

Other key features of the CLA Series include a unique output stage with a low-resistance, direct-coupled thermal transfer design, effectively maintaining optimal temperature across all loads and output levels. Additionally, the CLA Series amplifiers are energy-efficient, meeting Energy Star standards consuming less than 1W of power in standby mode. The CLA Series amplifiers are so efficient, generating little heat, most of the time they operate in a convection cooled state. If additional cooling is required, the variable speed whisper quiet fans will engage.

Whether your application involves a large distributed constant voltage sound system, a high SPL sound reinforcement system, or both, the AtlasIED CLA Series is the solution for a multi-functional, high-power, and cost-effective amplifier.

Features

- 4 Amplifier Channels
- Load Configurations - Each Channel Configured Individually 2?, 4?, 8?, 25V, 70.7V, & 100V
- Power Share Configurations
 - 4 x 100W
 - 2 x 175W / 25W
 - 2 x 150W / 50W
 - 2 x 125W / 75W
- Energy Efficient 1W Standby GPI
- Convection Cooling, Fan Assist On Demand
- Priority Mute GPI
- Rear Attenuators
- Remote Level Control
- Compact 1RU, Half Rack

Type	4 Channel Power Amplifier
Topology	Class D
Output Power	400W
# Inputs	4
GPI Ports	7, Euro Block 3.5mm

Output Speaker Terminals	4, Removable Euro Block, 5.08mm Pitch, Locking
THD 1kHz And 1dB Below Rated Power	?0.15%
Frequency Response	20Hz - 20kHz (+0/-1.5dB) 2,4, 8-Ohm, 25V Mode, 50Hz - 20KHz (+0/-1.5dB) 70V & 100V Mode
Signal To Noise Ratio 8 Ohm	>93dBA Below Rated Output (A-Weighted)
Cooling	Idle Mode: Convection, Audio Signal Sense: Fan, Variable
Rack Space	1 RU, 8.5" Wide (half rack)
Dimensions (HxWxD)	1.75" x 8.75" x 13.5" (44mm x 222mm x 343mm)
Shipping Dimensions (HxWxD)	4.5" x 17.25" x 11.75" (114mm x 438mm x 298mm)
Weight	7.7 lbs. (3.38kg)
Shipping Weight	10.9 lbs. (4.8kg)