ALPHA LINK 100

4 X 3000W CLASS D NETWORK AMPLIFIER

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BRITISH ACOUSTICS

ALPHA LINK 100 4 X 2700W NETWORK AMPLIFIER

The Alpha Link 100 is a powerful 4-channel Class D amplifier delivering up to 2700W per channel and engineered for high-performance, mission-critical sound reinforcement. Ideal for large-format touring systems and fixed installations, it supports low-impedance and 70V/100V distributed audio configurations, offering remarkable versatility and precision.

Equipped with advanced DSP architecture, the Alpha Link 100 enables fine-grained control over audio parameters, supported by AES and Dante connectivity for seamless integration in modern digital workflows. The front panel features intuitive rotary knobs and LED metering, with indicators for network, signal, and output bridge status. Built within a rugged black aluminum chassis and finished with a matte star white front panel, the Alpha Link 100 is designed for reliability, power efficiency, and exceptional thermal management in demanding environments.

OUTPUT POWER

- 4 Output Channels
- 1400W/ Ch @ 8Ω
- 2700W / Ch @ 4Ω
- 3700W / Ch @ 2.7Ω
- 3500W / Ch @ 2Ω
- 5600W / Ch @ 8Ω Bridged
- 7000W / Ch @ 4Ω Bridged

AMPLIFIER INPUTS

- 4 Dante Inputs (optional)
- 4 Analogue Inputs

AMPLIFIER OUTPUTS

- 4 Dante Outputs (optional)
- 4 Link Outputs
- 4 Power Outputs

CONNECTORS

- XLR Connectors for Signal Input and Link Outputs
- Speak-on Connectors for Channel Outputs
- 2 x Ethernet Ports (Dante)

SYSTEM SPECIFICATIONS

- Input CMRR > 60 dB
- Freq. resp.: 3Hz-30kHz ±3dB
- THD : better than 0.08% (1 kHz)
- THD : better than 0.1% (FR)
- Nominal system gain: 32dB
- Input Impedance — 20kΩ
- >400 Damping Factor, 1kHz, 8
- Signal Limiters Present
- Protection Against Short Circuit / Temperature / DC Outputs
- Mains In-rush Control present

CONTROLS & MONITORING

- LED Strip for Output Metering
- LED Indicators for Network & AES Audio, Remote Connection and Output Bridge Indicators
- Rotary Knobs for Channel Volume

POWER CONSUMPTION

- 7.5A Power Consumption, Nominal @ 240V, 4 Ohms
- 15.5A Power Consumption, Nominal @ 120V, 4 Ohms
- See Power Consumption & Thermal Emission Chart for a detailed specification

OPERATING PARAMETERS

- Operating positions : To be used in a rack-mount case with no front to back airflow restriction
- Maximum permitted ambient temperature (Ta max) 45° C (113° F)
- Minimum permitted ambient temperature (Ta min): 0° C (32° F)
- 32 dB Fan Noise

AESTHETIC SPECIFICATIONS

- Black Aluminum Chassis
- Matte Star White Front Panel

SIZE

- Product : 88 x 482 x 458 mm (H x W x D)
- Product : 3.4 x 19 x 18 inch (H x W x D)
- Packed individually

WEIGHT
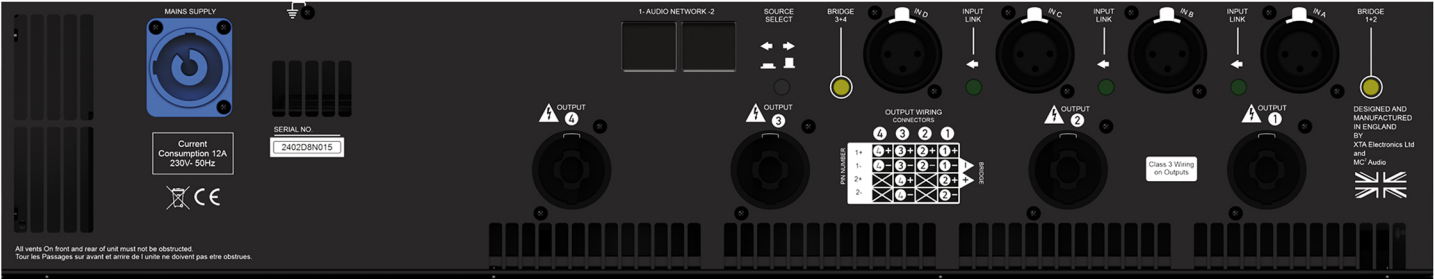
- Net : 11 Kgs
- Net : 24.2 Lbs

SHIPPING INFORMATION

- Carton Size
  163 x 556 x 533 mm (H x W x D)
  6 x 22 x 21 inch (H x W x D)
- Gross Weight : 13 Kgs / 28.7 Lbs
- Packed : Individually

PRODUCT INFORMATION

- Model No : Alpha Link 100
- Electronics
- Tags : 4 x 2700W , Class D Network Amplifier

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