ALPHA LINK 80

4 X 2000W CLASS D NETWORK AMPLIFIER

BA

BRITISH ACOUSTICS

ALPHA LINK 80 4-CHANNEL NETWORK AMPLIFIER

The Alpha Link 80 is a high-efficiency 4-channel Class D amplifier built for the most demanding networked audio environments. With 2000W output per channel at 4Ω, this amplifier ensures reliable performance for touring systems, fixed installations, and large-scale PA applications requiring robust output and digital audio distribution

Advanced Gorilla Limiter protection, temperature and DC safeguards, and high damping factor ensure long-term speaker safety and system stability. The 32 dB gain, low THD, and wide frequency response (3Hz–30kHz) enable crystal-clear audio delivery even under extreme load. Ideal for rack-mounted use, the rugged black aluminum chassis and matte white front panel reflect both form and function, making the Alpha Link 80 a smart solution for professionals seeking power, precision, and full Dante integration.

OUTPUT POWER

- 4 Output Channels
- 1000W / Ch @ 8Ω
- 2000W / Ch @ 4Ω
- 2200W / Ch @ 2.7Ω
- 2000W / Ch @ 2Ω
- 4000W / Ch @ 8Ω Bridged
- 4000W / 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 0.18% (1 kHz)
- THD : better than 0.2% (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

- 5A Power Consumption, Nominal @ 240V, 4 Ohms
- 10.4A 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
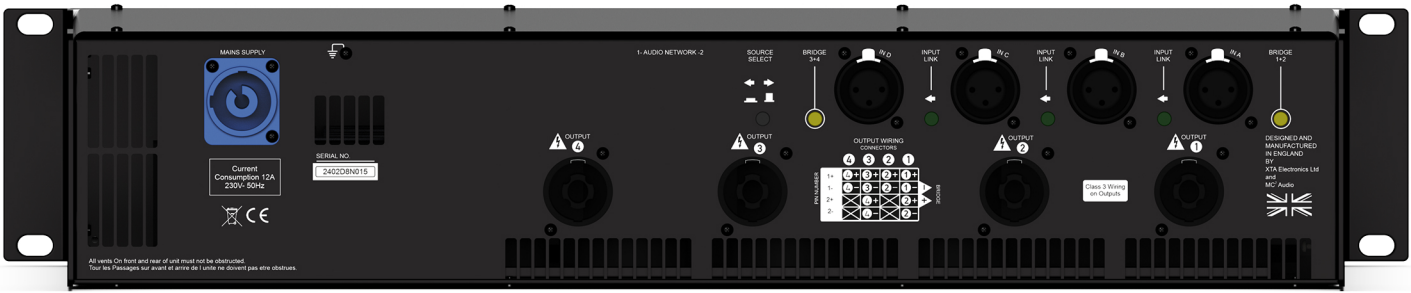
- Net : 11 Kgs
- Net : 24.2 Lbs

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 80
- Electronics
- Tags : 4 x 2000W Class D Network Amplifier

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