ALPHA LINK 20

4 X 350W @ 4 OHMS, CLASS D NETWORK AMPLIFIER

BRITISH ACOUSTICS

ALPHA LINK 20 4 X 350W NETWORK AMPLIFIER

The Alpha Link 20 is a compact 4-channel DSP amplifier designed for modern installations and touring setups that demand efficiency, flexibility, and professional-grade performance. Delivering 4 × 350W @ 4Ω, it supports both low-impedance and 70V Hi-Z operation, making it ideal for a wide range of loudspeaker systems. With analogue and Dante™ inputs and outputs, seamless integration into networked audio environments is effortless. The amplifier's advanced Class D design ensures excellent energy efficiency, low THD (<0.1%), and a damping factor exceeding 400 for precise low-frequency control.

Built for reliability, the Alpha Link 20 features mains in-rush protection, signal limiters, and ultra-quiet 32 dB fan noise levels, allowing it to perform quietly and safely under pressure. Rotary knobs and LED indicators for input metering and network status offer intuitive control, while the sleek black aluminium chassis with a matte white steel front panel allows for clean integration into any rack system. Whether deployed in fixed installations or mobile rigs, the Alpha Link 20 offers dependable, scalable power with uncompromised sonic integrity.

OUTPUT POWER

- 4 Output Channels
- 175W/ Ch @ 8Ω
- 350W / Ch @ 4Ω
- 480W / Ch @ 2.7Ω
- 360W / Ch @ 2Ω
- 700W / Ch @ 8Ω Bridged
- 650W / Ch @ 4Ω Bridged
- 350W (Optional Hi-Z Card) / Ch @ 70V

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 0.1% (1 kHz)
- THD : better than 0.18% (FR)
- Nominal system gain: 26/32dB
- 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

- 2A Power Consumption, Nominal @ 240V, 4 Ohms
- 5.6A 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) 35° C (95° 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 : 4 Kgs
- Net : 9 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 : 4.5 Kgs / 9.261 Lbs
- Packed : Individually

PRODUCT INFORMATION

- Model No : Alpha Link 20
- Electronics
- Tags : 4 x 350W @ 4 Ohms, Class D Network Amplifier

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Safe Installation & Rigging Practices : Installation must be by authorized personnel, following safety and rigging standards to avoid liability.
**Product specifications and design may change due to raw material variations or the addition of new features and technologies for improved performance and reliability.*

BRITISH ACOUSTICS

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