



## PA-120Net

120W Networked Power Amplifier

| Speakers | Ethernet - RJ-45



PA-120Net is a high-performance, selectable Hi-Z (70V/100V) or Lo-Z (4Ω/8Ω) power amplifier featuring balanced and unbalanced inputs, additional line-level output and Dante interface. This versatile amplifier features built-in DSP, auto-standby and maximum durability. PA-120Net is suitable for a vast range of AV installations

### FEATURES

**High-performance Amplifier** - With built-in DSP and additional balanced stereo line-level output. PA-120Net features flat frequency response, unmatched sonic performance, excellent signal to noise ratio, and extraordinarily low distortion levels

**Adaptable to Any AV Installation** - Switch between Lo-Z and Hi-Z to accommodate any type of loudspeaker installation. Select 1 Channel of 120W into a 70V/100V line or 2 channels of 60W into 4Ω/8Ω

**Easy, Scalable and Cost-Effective Dante Audio Networking** - Dante makes networking any size audio installation easy by providing digital signal transmission over a local area network using standard Internet protocols. The unit is part of the expanding family of products that make up Kramer's Dante ecosystem. These products are fully compatible and integrate into any Dante-enabled system

**Interoperability** - Supports AES67 and Dante allowing high-performance interoperability between IP-based audio networking systems

**Individual Mix Per Output** - Each output supports an independent input mix with master volume, 3-band parametric EQ, and selectable high-pass filter. Create one output mix and EQ settings suitable for the venue and another for recording or cascading more amplifiers, powered speakers or subwoofers according to any AV installation requirements

**Professional, Studio Grade Signal Conversion Technology** - Includes the latest generation 32-bit advanced Digital Analog Converter architecture to achieve excellent dynamic performance and improved tolerance to clock jitter. Maintains the quality of the original audio signal with selectable sampling rates up to 96 kHz

**Durable and Reliable** - PA-120Net is immune to failure. It includes layers of protection against over-current, DC voltage at the outputs, high frequency, and over-heating with intelligent, heat-sensitive fans for added protection

**Flexible Control Options** - Control locally via RS-232 serial commands or remotely via embedded web pages over Ethernet

**Power Efficient** - This super-efficient amplifier includes auto-standby for power saving and cost reducing operation. No need to rely on default auto-standby settings. Adjust your noise floor threshold based on exactly when your amplifier needs to go into sleep mode and when it needs to wake up

**Easy Installation** - ½ 19" size enables mounting in a 1U rack space with the recommended rack adapter



## TECHNICAL SPECIFICATIONS

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|---|--|
| Inputs  | 2 Channels, on a Dante™ Net: On an RJ-45 connector<br><br>1 Balanced Stereo Audio: +4dBu/10kΩ, on a 5 pin terminal block   |
| Outputs                                       | 1 Balanced Stereo Audio: Line level, on a 5-pin terminal block<br><br>1 Speaker: On a 4-pin large terminal block   |
| Ports   | 1 Control via IP: On an RJ-45 connector<br><br>1 RS-232: On a 3-pin terminal block   |
| Amplifier                                     | Input Sensitivity: Full power @ 0.3V (–10dBV)<br><br>Output Power: 2 x 60W @ 4Ω or 8Ω, 1 x 120W @ 70V or 100V<br><br>Class: D<br><br>Maximum Voltage Gain: 26dB SE / 32dB BTL<br><br>Dynamic Range: 119dB<br><br>Frequency Response: 20Hz to 20kHz @ +/-1dB<br><br>S/N Ratio: 80dB, 20Hz — 20kHz<br><br>Audio THD + Noise: THD+N (1kHz @ 1W) 0.003 %<br><br>Audio 2nd Harmonic: 0.08% @ 75W RMS @ 4Ω 6.67kHz |
| User Interface                                | Controls: Output volume attenuator, IP and RS-232  |
| Power   | Source: Universal mains operational voltage 85V AC – 265V AC<br><br>Consumption: 150VA<br><br>Total System Efficiency: 89%   |
| Environmental Conditions                      | Operating Temperature: 0° to +40°C (32° to 104°F)<br><br>Storage Temperature: –40° to +70°C (–40° to 158°F)<br><br>Humidity: 10% to 90%, RHL non-condensing  |
| REGULATORY COMPLIANCE (STANDARDS COMPLIANCE): |  |
| Regulatory Compliance (Standards Compliance)  | Safety: CE, FCC<br><br>Environmental: RoHs, WEEE   |
| Enclosure                                     | Size: ½ 19" desktop<br><br>Type: Aluminum<br><br>Cooling: Fan ventilation  |
| Accessories                                   | Included: Power cord   |
| Product Dimensions                            |  |

21.46cm x 16.30cm x 4.36cm (8.45" x 6.42" x 1.72" ) W, D, H

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Product Weight 1.1kg (2.3lbs) approx

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Shipping Dimensions 40.50cm x 29.70cm x 9.00cm (15.94" x 11.69" x 3.54" ) W, D, H

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Shipping Weight 1.7kg (3.6lbs) approx

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