

Aurora AIS-NIAMP Network Integrated Amplifier

Network Integrated Amplifier

- ▶ Compact 1U rack design, both flexible and durable.
- ▶ Built-in digital Class-D 130W amplifier suitable for 100V powered loudspeakers.
- ▶ Multiple status indicator lights on the front panel for easier maintenance.
- ▶ Comprehensive protection circuit for overload, overheating, and lightning.
- ▶ Large-capacity storage for uploading and remotely updating timed tasks and alarm files.
- ▶ SIP protocol compatibility for easy integration with mainstream VoIP systems (Yeastar, Asterisk, Cisco, etc.).
- ▶ Supports offline broadcasting independently of a server.
- ▶ Receives live voice announcements from third-party VoIP systems or Isap Audio.
- ▶ Relay I/O port for connecting with third-party fire alarm systems.



SPECIFICATIONS

GENERAL

Audio Parameters

- Audio Codec: MP3, PCM, ADPCM, G.711 A law, G.711 μ -law, G.729
- S/N (Signal-to-Noise) Ratio: ≥ 84 dB
- Audio Sampling & Bit Rate: 8kHz~44.1kHz, 16bit, 8kbps~320kbps
- THD (Total Harmonic Distortion): $\leq 0.5\%$ at 1kHz, 1/2 rated output
- Frequency Response: 60Hz~16kHz

Network Parameters

- Network I/F: 10BASE-T/100BASE-TX RJ45
- Network Protocol: SIP, FTP, HTTP, RTP, TCP/IP, UDP, ARP, ICMP, IGMP.
- Configuration Method: Web Interface or DevConfig Tool.

Power Parameters

- Power Supply: AC 100V-240V, 50/60Hz
- Rated Output: 130W
- Power Consumption: ≤ 160 W

Mechanical & Environment Condition

- Mounting Method: 1U Rack-Mounted
- Installation Environment: Dry Indoor Locations Only
- Operating Temperature: 0°C~+45°C (32°F~113°F)
- Storage Temperature:-20°C~+55°C (-4°F~131°F)
- Operating Humidity: ≤90% RH non-condensing
- Heat Dissipation: Intelligent Temperature Control, Forced Air Cooling
- Protection: Over-Current Protection, Short-Circuit Protection, Overload Protection, Thermal Protection, Lightning Protection, Surge Protection
- Front Panel Material: Surface-Treated Steel Plate
- Housing Material: Surface-Treated Steel Plate
- Color: Black
- Product Dimensions: 440x300x44mm⁹
- Product Weight: 3.5KG

ACCESSORIES & STANDARDS

Standard Accessories

- 2×5-Pin Pluggable Terminal Block Connector (3.81mm Pitch, AWG 26-16)
- 1×4-Pin Pluggable Terminal Block Connector (7.62mm Pitch, AWG 28-12)
- 8×Flat Head Screw
- 4×3M™ Floor Pad
- 2×Rack Mounting Bracket
- 1×Power Cord

Approved Standards

- CE (EMC Directive 2014/30/EU)
- CE (LVD Directive 2014/35/EU)

DIMENSION DRAWING

