

## PAS-NWOHA20 | Network Wall Mount Amplifier 8Ω 2\*10 Watt



### Key features

- Compact wall-mounted design with built-in Class-D amplifier (2×10W @ 8Ω).
- Local 3.5mm line input and line output for source access and speaker extension.
- Relay I/O with NO/NC dry contact for alarm-triggered broadcasting.
- Network configuration and firmware updates via Web Interface or Config Tool.
- SIP-capable for one-way calls via third-party SIP PBX and app-based broadcasting.
- Status LED, volume control, and device info button for local IP announcement.

### Product Overview

The Macsys PAS-NWOHA20 is a compact wall-mounted network amplifier designed for offices, classrooms, and small-scale environments. Equipped with a built-in Class-D amplifier delivering 2×10W into 8Ω speakers, it combines efficiency with versatile connectivity. The device features local 3.5mm line input/output for source access or external active speaker integration, along with relay I/O (NO/NC) for seamless alarm system integration, enabling automatic broadcast and alerts. Network connectivity (10/100 Mbps Ethernet) supports standard protocols, with device management available via Web Interface or Config Tool for remote configuration and firmware updates. Local device controls include volume adjustment, a device info button for IP announcement, and LED indicators for quick status monitoring.

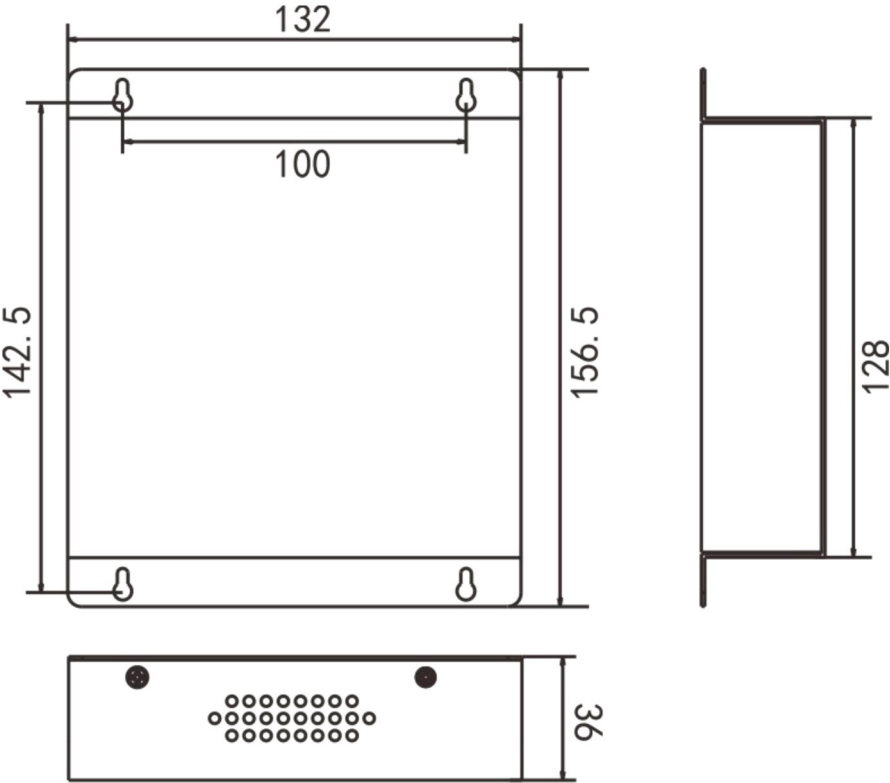
## Technical Specification

| Features                      | Detail                                             |
|-------------------------------|----------------------------------------------------|
| Type                          | Network 8Ω Wall-Mount Amplifier                    |
| Amplifier Output              | Built-in Class-D, 2×10W (8Ω)                       |
| Local Audio Input             | 3.5mm unbalanced (TS)                              |
| External Audio Output         | 3.5mm unbalanced (TS)                              |
| Input Sensitivity / Impedance | 0.775V / 10kΩ                                      |
| Audio Codecs                  | MP2, MP3, PCM, ADPCM                               |
| Sampling Rate / Bit Depth     | 8kHz~44.1kHz, 16bit                                |
| Bitrate Range                 | 8kbps~320kbps                                      |
| Frequency Response            | 60Hz~20kHz                                         |
| THD                           | ≤0.3% @ 1kHz                                       |
| S/N Ratio                     | ≥80dB                                              |
| Network Interface             | 10BASE-T/100BASE-TX RJ45                           |
| Supported Protocols           | HTTP, TCP/IP, UDP, ARP, ICMP, IGMP                 |
| Setup Method                  | Web Interface / Config Tool                        |
| Relay I/O                     | NO/NC Dry Contact for alarms                       |
| Status Indicator              | Green (Online), Red Flashing (Offline)             |
| Device Info Button            | Local IP/status announcement                       |
| Volume Control                | Line input volume knob                             |
| Speaker Outputs               | 2×10W/8Ω via 2-Pin Pluggable Terminal Block        |
| Antenna Interface             | ANT port                                           |
| Alarm Integration             | Relay I/O interface triggers auto-broadcast/alerts |
| Power Input                   | DC 24V/1A                                          |
| Standby Power                 | ≤24W                                               |
| Operating Temperature         | -10°C~+50°C                                        |
| Storage Temperature           | -40°C~+60°C                                        |
| Operating Humidity            | ≤90% RH non-condensing                             |
| Installation                  | Indoor, dry locations                              |
| Front Panel Material          | Aluminum Alloy                                     |
| Chassis Material              | Surface-Treated Steel Plate                        |

Technical Specification

| Features             | Detail                                                                                            |
|----------------------|---------------------------------------------------------------------------------------------------|
| Color                | Black                                                                                             |
| Dimensions           | 156.5 × 132 × 36 mm                                                                               |
| Weight               | 0.5 kg                                                                                            |
| Accessories Included | Power adaptor (DC 24V/1A), 2×4-Pin terminal block connectors, 4×Mounting screws with wall anchors |
| Certification        | CE, RoHS                                                                                          |

Dimension



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