Datasheet

PAS-NHSE15 | Network PoE Horn Speaker 15 Watt



Key features

- Integrated Network Audio Decoding: Supports MP3, WMA, WAV, and more.
- Built-in Digital Amplifier: Efficient amplification with quick startup.
- Dual-Core Chip: High-speed ARM + DSP for reliable performance.
- IP66 Waterproof Rating: Protection against dust and water immersion.
- POE Power Supply: Powers the speaker through the network cable.
- RJ45 Network Interface: For network connection and remote firmware upgrades.
- 105dB SPL: Loud and clear audio output.
- Durable ABS Enclosure: Lightweight and robust construction.

Product Overview

The Macsys PAS-NHSE15 is engineered for high-performance audio delivery in both indoor and outdoor settings. It features an integrated network audio decoder and a powerful digital amplifier, enabling it to handle various audio formats such as MP3, WMA, and WAV. With its high-speed dual-core processor, including ARM and DSP components, the speaker ensures quick startup and stable operation.

This horn speaker is designed to withstand tough conditions with its IP66 waterproof rating, making it resistant to dust and water immersion. The use of Power over Ethernet (POE) technology simplifies installation by allowing the speaker to be powered through the same network cable used for connectivity.

The Macsys PAS-NHSE15 provides clear and loud audio with a sound pressure level of 101dB, making it suitable for large spaces and noisy environments. The speaker's durable ABS enclosure contributes to its resilience, while the standard RJ45 network interface facilitates easy connection and remote firmware updates. This combination of features makes the PAS-NHSE15 a reliable choice for high-demand audio applications.

Technical Specification

Feature	Details
Rated Power	15W Network PoE Horn Speaker
Decoding & Amplifier	Integrated network audio decoding, digital amplifier
Processor Chip	Industrial-grade high-speed dual-core (ARM + DSP)
Startup Time	Less than 1 second
Power Supply	DC 12V / Power over Ethernet (POE)
Network Communication Protocol	Session Initiation Protocol (SIP)
Audio Encoding Formats	MP3, WMA, WAV, and more
Network Interface	10/100Base-TX, RJ45 Port
Speaker Sound Pressure Level (SPL) at 1W/1M	101dB
Firmware Upgrade	Supports online upgrade remotely
Enclosure Material	ABS (Acrylonitrile Butadiene Styrene)
Protection Rating	IP66 waterproof
Dimensions (H x W x D)	225 x 165 x 240 mm
Alarm In Port	Yes
Audio In	RC Pin Socket
Certifications	CE, RoHS compliance

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