Datasheet

PAS-NCSE15 | Network PoE Ceiling Speaker 15 Watt



Key features

- Multiformat Support: Decodes MP3, WMA, WAV, and more.
- Network Interface: Standard RJ45 for remote firmware updates.
- Integrated System: Combines network audio decoding and digital amplification.
- High-Speed Processing: Dual-core (ARM + DSP) chip, starts in under 1 second.
- Durable Build: A metal enclosure with a fire dome for added protection

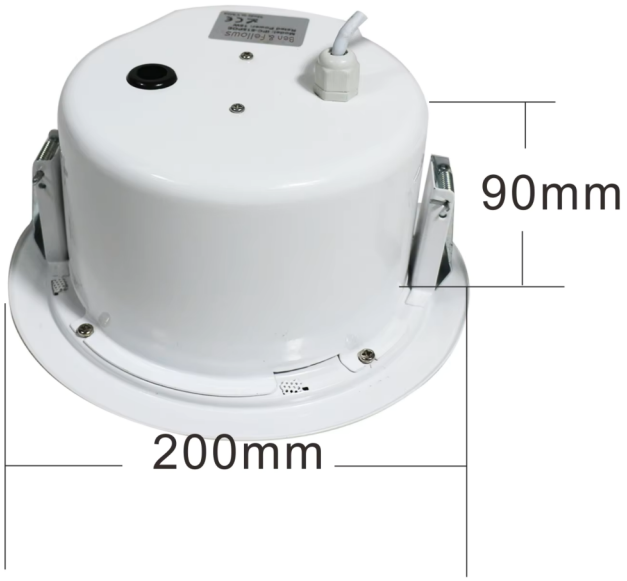
Product Overview

The Macsys PAS-NCSE15 Economic Ceiling Speaker offers high-performance audio with advanced network decoding and a sleek, in-ceiling design. Available in standard and POE models, this 15W speaker delivers up to 96dB of clear sound across 100Hz to 18KHz, supporting MP3, WMA, and WAV formats. It connects via a 10/100Base-TX RJ45 network interface and provides power options of DC 12V/DC 24V or POE. Designed for quick installation and reliable operation, it integrates seamlessly with SIP protocols and supports remote firmware updates. Ideal for commercial and industrial environments, this speaker ensures efficient audio delivery for paging, announcements, and background music.

Technical Specification

Feature	Details
Audio system type	Network PoE Ceiling Speaker 15 Watt
Integrated functions	Network audio decoding, digital amplifier
Network interface	10/100Base-TX, RJ45
Communication Protocol	SIP
Chipset	High-speed dual-core (ARM + DSP)
Audio decoding formats	MP3/WMA/WAV
Speaker SPL (max)	96dB
Frequency response range	100Hz~18KHz
Installation method	In ceiling
Enclosure material	Metal
Power supply options	DC 12V/DC 24V or POE
Microphone sensitivity	-52 dB
Dry contact	Output and input
Dimensions	Dia 200 x 90 mm
PoE power note	Model with suffix “POE” means power supply from POE
Firmware update	Remote online updates, Supports online firmware upgrade from long distance
Processor	High-speed dual-core (ARM + DSP) chip of industrial grade
Boot time	Startup in less than 1s
Built-in microphone	With built-in microphone; Monitoring and Intercom Microphone
Housing safety	Metal enclosure with dome
Trigger I/O	Trigger in; Trigger out
Power connectors	PoE supply connector; 24V DC; Support either POE or 24VDC
Interface	Speker, Connection terminal
Certification	CE, RoHS Compliance

Dimension



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