Datasheet

PAS-CLS160WPRO | Array Column Speaker with Ferrite Magnet System



Key features

- Designed for clear sound reinforcement in medium-sized venues and architectural spaces.
- Durable fiberglass reinforced ABS cabinet with UV-resistant, IP55-rated finish.
- Four 3-inch Ferrite drivers providing natural, thick sound with crisp treble and full bass.
- Multiple input configurations: 70V, 100V, and 8Ω options.
- Wide horizontal dispersion (120°) with controlled vertical dispersion (>20°).
- Included installation accessories for easy and secure mounting.

Product Overview

The Macsys PAS-CLS160WPRO is engineered for small to medium video conference rooms, lecture halls, and architectural applications such as churches and museums. Its streamlined design blends aesthetic appeal with practical sound reinforcement capabilities. Equipped with four high-performance 3-inch Ferrite drivers, the speaker delivers clear, natural sound with a full bass response supported by a unique low-frequency cardioid diffusion design.

The fiberglass-reinforced ABS cabinet boasts durability with UV-resistant paint and an IP55 rating suitable for indoor and outdoor use. Versatile input options and intelligent mounting accessories make it adaptable for various installation needs. This model offers a high maximum sound pressure level of 123dB and broad horizontal sound dispersion for effective coverage.

Technical Specification

Feature	Details
Input Options	8Ω
Power Rating	160W
Speaker driver	4x3" Ferrite
Maximum SPL (1W/1m)	123dB
SPL (1W/1m)	95dB
Frequency Response	80Hz~20kHz (-10dB)
Dispersion Angle(-6 dB)	Vertical >20°, Horizontal >120°
Mounting holes	10 pcs M6
Installation	Intelligent mounting bracket or embedded mounting bracket
Color	Black or white
Cabinet material	ABS plastic and fiberglass
Mesh material	Aluminum
Cone material	Pulp coating
Dimensions	530 x 100 x 150 mm
Weight	Net: 4.1 kg
Gross weight	5.38kg
Certifications	CE, RoHS compliance

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