Datasheet

PAS-CLS270WPRO | Array Column Speaker with Ferrite Magnet System





Key features

- Compact, streamlined design suitable for various architectural sound reinforcement applications.
- Durable ABS cabinet reinforced with fiberglass, with IP55 rating for outdoor/indoor use.
- Utilizes 8 high-performance 3-inch Ferrite drivers with cardioid low-frequency diffusion.
- Offers flexible input modes, including constant impedance and switchable constant voltage.
- Supports switchable music and speech operating modes in selected models.
- Wide frequency response (100Hz–20kHz) with high sound pressure levels (max 124dB).

Product Overview

This audio Array column speaker features a streamlined design ideal for small to medium conference rooms, lecture halls, and architectural spaces like churches and museums. Constructed from sturdy fiberglass reinforced ABS, it offers an IP55 rating, making it suitable for both indoor and outdoor applications. Equipped with eight 3-inch high-performance Ferrite drivers, it delivers natural, thick sound with cardioid low-frequency dispersion. Models provide flexible input options with constant impedance or switchable constant voltage, and some include switchable music and speech modes. It yields a frequency response of 100Hz to 20kHz and a maximum SPL of 124dB. Installation is simplified with intelligent or embedded mounting brackets, available in black or white finish.

Technical Specification

Feature	Details
Power Output	270W
Peak Power Handling	1080W
Impedance	4Ω
Sound Pressure Level (1W/1m)	93dB
Maximum SPL (1W/1m)	124dB
Speaker Components	8 x 3" Ferrite
Frequency Range	100Hz ~ 20kHz
Enclosure Material	ABS plastic and fiberglass
Grille Material	Aluminum
Dispersion Angle (-6dB)	Vertical > 30°, Horizontal > 160°
Mounting Method	Smart mounting bracket or recessed mount
Color Options	Black or white
Dimensions (H x W x D)	934 x 98 x 150 mm
Net Weight	4.85 kg
Certifications	CE, RoHS compliance

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