Datasheet

PAS-CLS100W | Outdoor IP55 Column Speaker With Woofer & Tweeter



Key features

- Outdoor IP55 Column Speaker With Woofer & Tweeter 100v@50,100W delivering clear reproduction of voice and music.
- Constructed with durable aluminum alloy, ensuring waterproof and corrosion resistance.
- Enables directivity control with bracket installation for enhanced sound coverage.
- Dual power settings for flexible operation at 50W or 100W on a 100V line.
- Wide frequency response from 80Hz to 18KHz with high sensitivity of 97dB.
- Rated IP55 for outdoor usage with reliable performance in varied environmental conditions.

Product Overview

The PAS-CLS100W is an Outdoor IP55 Column Speaker With Woofer & Tweeter 100v@50,100W designed for exceptional voice and music clarity. It features a robust aluminum alloy shell that is both waterproof and corrosion resistant, suitable for outdoor environments.

The speaker includes five 5-inch woofers and a 4-inch tweeter, delivering a frequency response from 80Hz to 18KHz at 97dB sensitivity. It supports dual power inputs of 50W and 100W on a 100V line, allowing flexible power management. The column is bracket-mounted, enabling controlled directivity for better sound coverage, and is IP55 rated for protection against dust and water. Ideal applications include conference rooms, supermarkets, campuses, and parks.

Technical Specification

Feature	Details
Peak Power Capacity	150W
Power Input Options	50W / 100W (100V)
Nominal Impedance	200Ω (50W) / 100Ω (100W)
Sensitivity (1m/1W)	97dB
Frequency Range	80Hz - 18KHz
Speaker Configuration	5" woofers*5, 4" tweeter*1
Mounting Method	Bracket-mounted
Connection Type	Cable
Enclosure Material	Aluminum
Dimensions (H x W x D)	854mm x 170mm x 148mm
Weight	8.54Kg
Operating Temperature Range	-25°C to 55°C
Storage Temperature Range	-40°C to 70°C
Maximum Relative Humidity	≤95%
Protection Rating	IP55
Certifications	CE, RoHS compliance

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