Datasheet

PAS-HSC150W | Ultra-Compact Coaxial All-Weather Horn Speaker





Key features

- Ultra-compact size with high audio output suitable for premium music applications
- Full frequency professional horn speaker designed for all-weather use
- Multiple power input options with switch selection for 70V, 100V, and 8 ohms
- IP 55 rated for weather resistance, ideal for outdoor installation
- High sensitivity of 93dB ± 3dB ensuring clear sound reproduction at 1 watt/1 meter
- Coverage pattern varies by model: wide 90-100°

Product Overview

The Macsys PAS-HSC150W series consists of Ultra-Compact Coaxial All-Weather Horn Speaker designed for all-weather outdoor use. Offering a full frequency response from 80Hz to 18KHz and high sensitivity around 93dB, these speakers deliver premium music playback with enhanced output. Both models feature front-loaded low-frequency drivers housed in reinforced enclosures for natural, nonresonant bass reproduction.

Users can select different power options including 70V, 100V, and 8 ohms to suit various installation requirements. The PAS-HSC150W differ in their radiation angles and power settings but share uniform voicing to ensure consistent sound experience. The product encasements are paintable and weather-resistant with an IP 55 rating, making them suitable for outdoor environments.

Technical Specification

Feature	Details
Rated power	18.5W/37.5W/75W/150W@100V 9.5W/18.5W/37.5W/75W@70V 150W @8ohm
Maximum power	300W
Input	70V/100V/8ohm
Sensitivity (1W/1M)	93dB ± 3dB
Frequency response	80Hz-18KHz
Radiation angle	<90-100°
Speaker unit	10''*1(Bass), 3''*1(Treble)
Product size	345*355*297mm
Weight	11KG
Certifications	CE, RoHS compliance

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