PJ-430W
Bi-directional Speaker

A bi-directional projection speaker for clear, wide sound in wall or ceiling-mounted PA and alarm systems.

Description

The PJ-430W is a bi-directional projection speaker designed for surface-mount installation on walls or ceilings. Equipped with two high-quality speaker units, it delivers reliable sound coverage and is ideally suited for voice alarm and public address systems.

This model allows users to select the input power based on the indications on the terminal board. The speaker is fitted with steatite screw terminals, enabling easy cable connection and facilitating bridge wiring for more flexible system configurations.

Specifications

Model	PJ-430W
Rated Input	30W (100V line) or 15W (70V line)
Rated Impedance	100V line: 330Ω (30W), 670Ω (15W), 1kΩ (10W) 70V line: 330Ω (15W), 670Ω (7.5W), 1kΩ (5W)
Sensitivity (1 W, 1 m)	89dB (1W, 1m) (500Hz - 5kHz, pink noise, 2 speakers) 103dB (30W, 1m) (500Hz - 5kHz, pink noise, 2 speakers)
Frequency Response	97 Hz – 20 kHz (Peak -20dB)
Coverage Angle (-6dB)	2x Hor./Ver.: 131° (500Hz) 162°(1kHz), 71° (2kHz), 59° (4kHz)
Environmental Type	IP44 (indoor and outdoor installation)
Speaker Component	2 x 10cm double cone-type
Operating Temperature	-25 °C to +70 °C
Application Cable Size	Outer diameter: Ø6.5 - Ø12.5mm Conductor: Solid wire or Stranded wire (7-core wire) No bridge connection: 0.8 - 6mm^2 (AWG18 - AWG10) for solid wire 　　　　　　　　　　　0.8 - 4mm^2 (AWG18 - AWG12) for stranded wire Bridge connection: 0.8 - 2.1mm^2 (AWG18 - AWG14) for solid wire 　　　　　　　　　　0.8 - 1.8mm^2 (AWG18 - AWG15) for stranded wire
Cable Connection	2-pins + 3-pins Screw terminal (ceramic), can be bridge connection
Finish	Cabinet, Mounting bracket, Aluminum, white (RAL 9016 equivalent), paint Grille: Steel perforate, white (RAL 9016 equivalent), paint Terminal cover: ABS resin, white (RAL 9016 equivalent), paint
Dimensions (W x H x D)	189 x 178 x 191 mm
Weight	3.5kg
Accessory	Terminal cover with cable gland PGB 13.5 - 12 grey...1(*[1]), Speaker mounting screw...2

(*[1]) One cable gland is factory-installed, for bridge connection one cable gland can be added.

TOA Electronics Pte Ltd
www.toa.com.sg

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