

CS-154/304 Wide Range Speaker

Features:

- Wide Range Paging Speaker
- High Sensitivity: up to 98dB
- Lightweight ABS Resin Enclosure
- Uniform and Clear Sound Dispersion
- Stainless Steel Hardware



Wide Range Speaker

The CS-154 and CS-304 Wide Range Speakers are optimized for outdoor use. Using wide-range horns that can provide background music or paging announcements which have high quality sound, they are designed to produce high output with increased speaker acoustic conversion efficiency, by the use of a single horn in combination with a cone speaker.

The CS-154 and CS-304 use constant directivity horns (90° horizontal) to control sound directivity, realizing uniform and clear sound dispersion over a wide area.

These wide-range speakers are also designed to stand up to the rigorous weather conditions when installed outdoors.

The speakers' ABS resin enclosure is light in weight, structurally strong and resistant to impact.

Since the enclosures are also treated with weatherproof-polyurethane resin paint, they are extremely resistant to the effects of ultraviolet light. The speakers also comply with IP65 Standard requirements for dust proof and waterproof capabilities.

In addition, the internal speaker parts feature a special weatherproof treatment to enhance the waterproof properties of the entire speaker. Stainless-steel brackets and screws further protect the unit from rust and corrosion. Speaker impedance can be easily changed externally with a rotary switch, facilitating changes in impedance during and after speaker installation.

	CS-154	CS-304
Rated Input	15W	30W
Rated Impedance	100V line: 670Ω (15W), 1kΩ (10W), 2kΩ (5W) 70V line: 330Ω (15W), 670Ω (7.5W), 1kΩ (5W), 2kΩ (2.5W)	100V line: 330Ω (30W), 500Ω (20W), 1kΩ (10W) 70V line: 170Ω (30W), 330Ω (15W), 500Ω (10W), 1kΩ (5W)
Sensitivity (1W, 1m)	97dB	98dB
Frequency Response	150 – 15,000Hz	120 – 15,000Hz
Speaker Component	12cm (4.72") cone-type	
Horizontal Directivity	Constant directivity horn 90° (±45° horizontal from front axis) 93dB or more (1W, 1m), 3kHz at ±45° -20°C to +55°C (-4°F to -131°F)	
Operating Temperature	Horn, cover: ABS resin, off-white, paint Bracket: Stainless steel Net: Aluminum, grey, paint Screw: Stainless steel	
Finish		
Dimensions	366 (W) × 230 (H) × 272 (D) mm (14.40" × 9.06" × 10.71")	
Weight	2.8kg (6.17 lb)	3.1kg (6.83 lb)