

## DESCRIPTION

The CS-154BS is the voice alarm certification product.

The CS-154BS Wide range speaker features an ABS resin enclosure and stainless steel bracket for all weather durability.

It is comprised of a high-efficiency weather-resistant horn and a high quality sound cone speaker, providing clear and highly directional sound reproduction.

The CS-154BS is equipped with a constant directivity horn (90° horizontal) to control sound directivity, realizing uniform and clear sound dispersion over a wide area.

## SPECIFICATIONS

Rated Noise Power	15 W
Rated Impedance	8 Ω
Sensitivity	97 dB (1 W, 1 m) (330 Hz – 3.3 kHz, pink noise) 94 dB (1 W, 1 m) (100 Hz – 10 kHz, pink noise) 82 dB (1 W, 4 m) (100 Hz – 10 kHz, pink noise)
Maximum Sound Pressure Level	104 dB (15 W, 1 m) (100 Hz – 10 kHz, pink noise) 92 dB (15 W, 4 m) (100 Hz – 10 kHz, pink noise)
Frequency Response	150 Hz – 15 kHz
Coverage Angle	Horizontal: 140° (500 Hz), 90° (1 kHz), 90° (2 kHz), 100° (4 kHz) Vertical: 200° (500 Hz), 155° (1 kHz), 90° (2 kHz), 60° (4 kHz)
Environmental Type	B (outdoor applications)
Speaker Component	12 cm (5") cone-type (treated for splash proof)
Operating Temperature	–20 °C to +55 °C (–4 °F to 131 °F)
Dust/Water Protection	IP65
Speaker Mounting Method	Wall-mount
Cable Gland	Size: PG 13.5 One cable gland is factory-installed. For bridge connection, one cable gland can be added.*
Applicable Cable Size	Outer diameter: Ø8–12.5 mm Conductor: Solid wire or 7-core wire No bridge connection: 0.8 – 10 mm² (AWG18–AWG7) for solid wire, 0.8 – 8 mm² (AWG18–AWG8) for 7-core wire Bridge connection: 0.8 – 2.5 mm² (AWG18–AWG13) for solid wire, 0.8 – 1.5 mm² (AWG18–AWG15) for 7-core wire
Cable Connection	Screw terminal (steatite), can be bridge-connected
Finish	Horn, Cover, and Terminal cover: ABS resin, off-white, paint Bracket: Stainless steel Net: Aluminum, gray, paint Screw: Stainless steel
Dimensions	366 (W) × 230 (H) × 310 (D) mm (14.41" × 9.06" × 12.2")
Weight	3.0 kg (6.61 lb)
Accessory	Terminal cover---1

\*Suppliable cable gland's part cord and name: 525–52–011–70 Cable gland AVC PGB13.5–12 (GRY)

■ APPEARANCE

