

Spring Loaded Ceiling Speakers



PC-648R

- Spring clamp mechanism for easy speaker mounting to the ceiling
- High cost performance
- PP Resin, SECC punching net



PC-1869

- Spring clamp mechanism for easy mounting to the ceiling
- Input impedance easily changed by adjusting the tap position of the transformer
- Push-in type input terminal block
- Allows bridge wiring



PC-2369

- Speaker designs that harmonize with the venue's architecture and decor
- Quick and easy installation thanks to new SUS spring clamp installation method
- Wide frequency response
- Greater variety of ceiling speaker diameters (5", 6", 8" (12, 16, 20cm))
- Thin panel does not clash with interior design

Specifications

	PC-648R	PC-1869	PC-2369
Rated Input	6 W (100 V line), 3 W (70 V line)		
Rated Impedance	100 V line: 1.7 kΩ (6 W), 3.3 kΩ (3 W), 10 kΩ (1 W) 70 V line: 1.7 kΩ (3 W), 3.3 kΩ (1.5 W), 10 kΩ (0.5 W)	100 V line: 1.7 kΩ (6 W), 3.3 kΩ (3 W), 6.7 kΩ (1.5 W), 13 kΩ (0.8 W) 70 V line: 1.7 kΩ (3 W), 3.3 kΩ (1.5 W), 6.7 kΩ (0.8 W), 13 kΩ (0.4 W)	
Sensitivity	90 dB (1 W, 1 m) (500 Hz - 5 kHz, pink noise)		93 dB (1 W, 1 m) (500 Hz - 5 kHz, pink noise)
Frequency Response	100 - 18 kHz (peak -20 dB)	55 Hz - 18 kHz (peak -20 dB)	45 Hz - 20 kHz (-20 dB)
Speaker Component	12 cm (5") cone-type		16 cm (6") double cone-type
Dimensions for Fixing Hole	Mounting hole: 145±5 mm (5.71"±0.2") Ceiling thickness: 5 - 25 mm (0.2" - 0.98")	Mounting hole: 150±3 mm (5.91"±0.12") Ceiling thickness: 5 - 25 mm (0.2" - 0.98")	Mounting hole: 200±3 mm (7.87"±0.12") Ceiling thickness: 5 - 25 mm (0.2" - 0.98")
Speaker Mounting Method	Spring clamp		
Applicable Cable	-	600 V vinyl-insulated cable (IV wire or HIV wire) Solid copper wire: 0.8 - 1.6 mm (equivalent to AWG 20 - 14) 7-core twisted copper wire: 0.75 - 1.25 mm ² (equivalent to AWG 18 - 16)	Solid copper wire: 0.8 - 1.6 mm (equivalent to AWG 20 - 14) 7-core twisted copper wire: 0.75 - 1.25 mm ² (equivalent to AWG 18 - 16)
Connection	-	Push-in connector (bridging terminal-2 branch type)	
Finish	Baffle: Polypropylene resin, off-white (RAL 9010 or equivalent color) Grille: Surface-treated steel plate net, off-white (RAL 9010 or equivalent color), paint	Baffle: Steel plate, white (RAL 9016 equivalent), paint Grille: Surface-treated steel plate net, white (RAL 9016 equivalent), paint	
Dimensions	168 X 77 (D) mm (6.61" X 3.03")	180 X 72 (D) mm (7.09" X 2.83")	230 X 79 (D) mm (9.06" X 3.11")
Weight	470 g (1.04 lb)	620 g (1.37 lb)	760 g (1.68 lb)
Accessory	Paper pattern x 1		

Garden Speaker

GS-302

- Compact Garden Speaker ideal for paging and background music broadcast in gardens, theme parks and resort facilities
- Corrosion resistant exterior, ensures long life
- Small and inconspicuous blends in with surrounding environment



Specifications

	GS-302
Enclosure	Sealed type
Rated Input	30W (100V line), 15W (70V line)
Rated Impedance	100V line: 330Ω (30W), 670Ω (15W), 1kΩ (10W), 2kΩ (5W), 3.3kΩ (3W) 70V line: 330Ω (15W), 670Ω (7.5W), 1kΩ (5W), 2kΩ (2.5W), 3.3kΩ (1.5W)
Sensitivity	87dB (1W, 1m)
Frequency Response	100 - 8,000Hz
Speaker Component	12cm splash-proof cone-type
Input Terminal	Push-in terminal
Applicable Cable	Solid copper wire: 0.8 - 1.6mm Stranded copper wire: 0.75 - 1.25mm ²
Water Capability	Meets IPX4 requirements
Finish	Top cover and base: FRP resin, dark gray, semi-gloss, paint Speaker panel: ABS resin, dark gray, semi-gloss, paint Legs: Aluminum, dark gray, semi-gloss, paint
Dimensions	270 x 335 (H)mm / 10.6" x 13.2"
Weight	2.4kg/5.3"