

Mass Notification and Fire/Voice System Speaker Certifications

❖ Ceiling Mount Speakers

PC-580RU/PC-580RVU



- 8" in-ceiling speaker for high quality applications
- 25V & 70V transformer taps up to 5W
- Fits standard ceiling speaker template (PC-671R & others)
- perfect for retrofits
- Unique "monocoque" design provides better structural integrity
- High-performance, cost effective ceiling speaker for use in mass notification systems, voice evacuation, emergency paging and everyday paging and background music
- Meets UL 2572 (UL 1480 UUMW) (Fire alarm signaling) and UL 2043 (use in air handling spaces) when using the HY-BC580U back can

Specifications

	PC-580RU	PC-580RVU
Rated Input	10W (speaker), 5 W (transformer, 70.7 V line and 25 V line)	
Rated Impedance	70.7V line: 20K (0.25W), 10K, (0.5W), 5K (1W), 2.5K (2W), 1K (5W) Ω 25V line: 2.5K (0.25W), 1.25K (0.5W), 625 (1W), 312.5 (2W), 125 (5W) Ω	
Sensitivity (1W, 1m)	97 dB	
Frequency Response	50 - 16.5 kHz	
Speaker Component	200mm (8") dual cone type	
Finish	Baffle: Steel plate, white Grille: Surface-treated steel plate net, white	
Dimensions	Dia. 324 x 87.3 (d) mm / 12.8" x 3.4"	Dia. 324 x 87.3 (d) mm / 12.8" x 3.4
Weight	1.58 kg / 3.47 lbs	1.59 kg / 3.5 lbs
UL Standards	UL 2572 (ULC S541, UL 1480 UUMW) and UL 2043 when used with HY-BC580U	
Optional Accessories	Back can (for UL/ULC certified installation): HY-BC580U Tile rail, Q-HY-TB2 (2 required); Tile bridge, LBS8-R1-AM	

❖ Pendant Speaker (UL1480UUMW rated)

PE-304BU / PE-304WU

PE-604BU / PE-604WU



- Directly attached 5m (16.4ft) hanging wire allows speaker to be suspended from high ceilings
- Driven on both high impedance (100V, 70V, and 25V) and low impedance (8Ω) lines
- Certified to UL 1480 UUMW standards
- Using supplied GRIPPLE® hangers will facilitate the speaker mounting height adjustment

Specifications

	PE-304BU	PE-304WU	PE-604BU	PE-604WU
Enclosure	Bass-reflex type			
Rated Input	30 W (100 V, 70 V line, 8 Ω), 3.7 W (25 V line)		60 W (100 V, 70 V line, 8 Ω), 7.5 W (25 V line)	
Rated Impedance	100 V line: 330 Ω (30 W), 1 kΩ (10 W), 3.3 kΩ (3 W), 10 kΩ (1.3 W) 70 V line: 170 Ω (30 W), 330 Ω (15 W), 1 kΩ (5 W), 3.3 kΩ (1.5 W), 10 kΩ (0.6 W) 25 V line: 170 Ω (3.7 W), 330 Ω (1.9 W), 1 kΩ (0.6 W), 3.3 kΩ (0.2 W), 10 kΩ (0.1 W) Low impedance: 8 Ω		100 V line: 170 Ω (60 W), 330 Ω (30 W), 670 Ω (15 W), 3.3 kΩ (3 W) 70 V line: 83 Ω (60 W), 170 Ω (30 W), 330 Ω (15 W), 670 Ω (7.5 W), 3.3 kΩ (1.5 W) 25 V line: 83 Ω (7.5 W), 170 Ω (3.7 W), 330 Ω (1.9 W), 670 Ω (0.9 W), 3.3 kΩ (0.2 W) Low impedance: 8 Ω	
Sensitivity	90 dB (1 W, 1 ml 330 Hz - 3.3 kHz, pink noise)			
Frequency Response	95 Hz - 20 kHz (-10 dB)		110 Hz - 20 kHz (-10 dB)	
Speaker Component	12 cm (5" l cone-type + balanced dome-tweeter (coaxial)			
UL Code	UL 1480 UUMW, ULC-S541			
Operating Temperature	-10°C to +50°C (14°F to 122°F)			
Finish	Enclosure: ABS resin, black, Grille: Surface-treated steel plate mesh, black, paint	Enclosure: ABS resin, white (RAL 9010 equivalent) Grille: Surface-treated steel plate mesh, white (RAL 9010 equivalent), paint	Enclosure: ABS resin, black, Grille: Surface-treated steel plate mesh, black, paint	Enclosure: ABS resin, white (RAL 9010 equivalent) Grille: Surface-treated steel plate mesh, white (RAL 9010 equivalent), paint
Dimensions	186 x 275 (H) mm / 7.32" x 10.83" (unit only)			
Weight	2 kg / 4.41 lb (unit only)		2.9 kg / 6.39 lb (unit only)	
Included Accessories	GRIPPLE® No.1 x 1, GRIPPLE® No.2 x 1, Release key (for GRIPPLE®) x 1, Safety wire (1.5 mm (0.06")) x 1, Hanging wire (2 mm (0.08")) x 1, Speaker Cable (4-core FPL listed cable 4.6 m (15.09 ft)) x 1 * GRIPPLE® No.1 and No.2 are hangers for suspending the speaker.			

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