



CEILING MOUNT SPEAKER

PC-580RU / PC-580RVU



UL 2043 / 1480 UUMW rated high performance ceiling-mount speaker at an affordable cost for mass notification applications

The PC-580RU & PC-580RVU are designed to fill the need for a high-performance / low-cost ceiling speaker for paging and notification applications, especially where retrofit of speakers in large facilities, dictate that common speaker template is used, eliminating the need for adapting existing ceiling cutouts. The PC-580RU & PC-580RVU (along with the HY-BC580U Back can) meet UL requirements for speakers used in emergency signaling and notification applications.

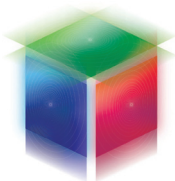
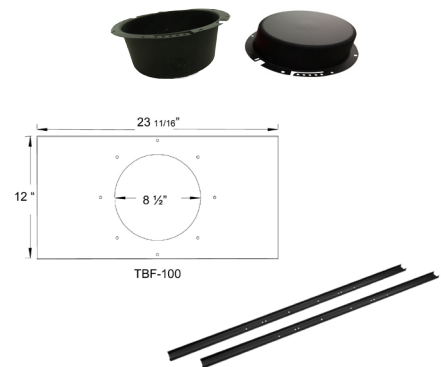
FEATURES

- 8" in-Ceiling Speaker for high-quality paging applications
- Low-cost design makes it ideal for projects requiring large quantities
- 25 & 70V transformer taps up to 5W
- Fits standard ceiling-speaker template (PC-671R and others). Perfect for retrofits.
- UL 1480 UUMW & UL 2043 plenum rated. Certified to work with emergency announcement systems.
- Unique "monocoque" design provides better structural integrity.
- PC-580RVU version provides a center-grille volume adjustment potentiometer
- Optional UL-rated HY-BC580U stackable back-can for use in ceiling plenums
- Sold in quantities of 10



	PC-580RU	PC-580RVU
Rated Input	10 W (speaker), 5 W (transformer, 70.7 V line and 25 V line)	
Rated Impedance	70.7V line: 20 K (0.25 W), 10 K (0.5 W) 5 K (1 W), 2.5 K (2 W), 1 K (5 W) Ω 25V line: 2.5 K (0.25 W), 1.25 K (0.5 W) 625 (1 W), 312.5 (2 W), 125 (5 W) Ω	
Sensitivity	97 dB	
Speaker Component	200 mm (8") Dual cone type	
Frequency Response	50 – 16.5 KHz	
Magnet Size	Dia.80 K (3.15") × dia.32 (1.26") × 12 (0.47 ") mm	
Magnet Weight	272 g (10 oz)	
Weight	1.50 kg (3.31 lbs)	1.52 kg (3.35 lbs)
Flux density	11,900 gauss	
Finish	Baffle : Steel plate, white; Grille : Surface-treated steel plate net, white	
Dimensions of Fixing Hole	Dia. 203.2 mm (8.00")	
Potentiometer	-	Type : Screw-driver adjust Wire wound, resistance 50Ω
Dimensions	Dia. 12.6" × 3.4" (d)	Dia. 12.6" × 3.9" (d)
Accessory	Mounting screw (M 5 × 38 mm) x4; Wire nut x2	
Optional Accessories	HY-BC580U Back Can TBF-100 Tile Bridge Q-HY-TB2 Tile Rail	

	HY-BC580U
Finish	Surface-treated steel plate, black paint, anti-resonance material applied to the interior of the enclosure
Dimensions	12.76" x 9.92" x 4.37"
Weight	2.31lbs
Knockouts	Four combination conduit knockouts 1/2" - 3/4", four J-clips, two perforated mounting straps



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Sound & Communication

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Specifications subject to change without notice.