

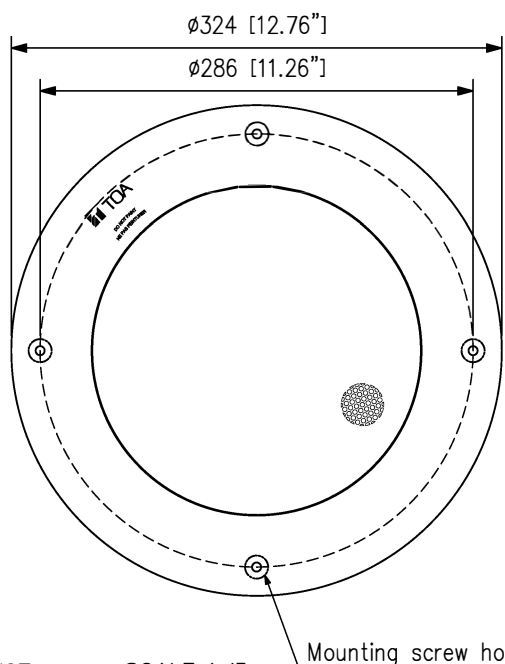
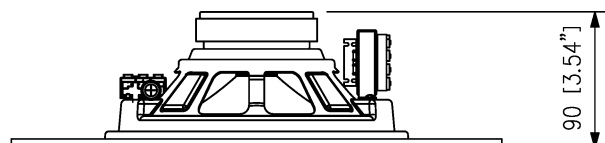
DESCRIPTION

The PC-580RU Ceiling Mount Speaker is of all heavy-duty metallic construction with an 8-inch speaker and 5W transformer to be used in 25V/70V audio distribution systems. It is listed to UL1480 UUMW/ULC-S541 (Fire Alarm Signaling) and UL2043 (use in air handling space) for the use in a variety of commercial applications such as Mass Notification, Fire Voice Signaling, General Paging and Background Music Distribution. The optional back can HY-BC580U shall be used for installing the speaker even in air handling spaces by meeting UL requirements. The input impedance can be easily changed by transformer tap position and its dual push-in terminal helps quick daisy-chain wiring.

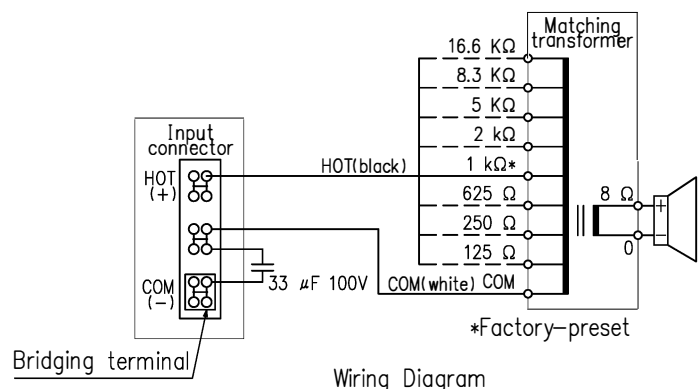
SPECIFICATIONS

Rated Input	5W (70.7 V line and 25 V line)
Rated Impedance	70.7 V line: 1 k Ω (5 W), 2 k Ω (2.5 W), 5 k Ω (1 W), 8.3 k Ω (0.6 W), 16.6 k Ω (0.3 W) 25 V line: 125 Ω (5 W), 250 Ω (2.5 W), 625 Ω (1 W), 1 k Ω (0.6 W), 2 k Ω (0.3 W)
Sensitivity	97 dB (1 W, 1 m)
Frequency Response	50 Hz – 16.5 kHz
Speaker Component	200 mm (8") Dual cone-type
Magnet Size	ϕ 80 X ϕ 32 X 15 mm (3.15" X 1.26" X 0.59")
Magnet Weight	315 g (11.11 oz)
Flux Density	11,300 gauss
Operating Temperature	-10 °C to +50 °C (14 °F to 122 °F)
Dimensions for Fixing Hole	Mounting hole: ϕ 228.6 $\pm$ 3 mm (9" $\pm$ 0.12")
Applicable Cable	Solid wire: ϕ 0.8 – ϕ 1.6 (AWG 20 – 12)
Connection	Push wire connection (Bridging terminal-2 branch type)
DC Blocking Capacitor	33 μ F
Finish	Frame: Steel plate, white, paint Grille: Steel net, white, paint
Dimensions	ϕ 324 x 90 (D) mm (12.76" x 3.54")
Weight	1.60 kg (3.53 lbs)
Accessory	Mounting screw M5 X 38 ---4, Paper pattern ---1
Option	Back can (for UL/ULC certified installation): HY-BC580U Back can (for other installation): BB-580 Mount rail: Q-HY-TB2

APPEARANCE



UNIT: mm SCALE: 1/5



Wiring Diagram

Note: Use transformer terminals when changing input impedance.