# PC-580SBT Square 8" In-wall Speaker with Call Button



## 8" In-wall Speaker with Call Button

TOA's PC-580SBT is designed to work with N-8000 IP Intercom System as a station call button and speaker.
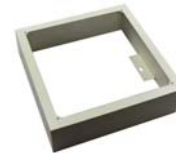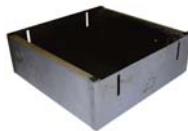
**Features:**

• 8" square in-wall speaker for intercom applications (requires RS series station board: RS-142, RS-442, N-8640SB, etc.)
• Push-button for calling master station
• Unique "monocoque" design provides better structural integrity
• Hole drilled in baffle for mounting of microphone (supplied separately)
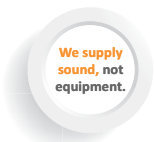
# PC-580SBT Square Ceiling Speaker



| | | PC-580SBT |
|---|---|---|
| Rated Input | | 10W (speaker), 5 W (transformer, 70.7 V line and 25 V line) |
| Rated Impedance | 70.7 V line | 20 K (0.25 W), 10K (0.5W), 5K (1 W), 2.5 K (2 W), 1 K (5 W) Ohms |
| | 25 V line | 2.5 K (0.25 W), 1.25 K (0.5 W), 625 (1 W), 312.5 (2 W), 125 (5 W) Ohms |
| Sensitivity | | 97 dB |
| Frequency Response | | 50 - 16.5 KHz |
| Speaker Component | | 200 mm (8") dual cone type |
| Magnet Size | | Dia. 80 (3.15") x dia. 32 (1.26") x 12 (0.47") mm |
| Magnet Weight | | 272g (10 oz) |
| Flux Density | | 11,900 gauss |
| Dimensions of Fixing Hole | | Dia. 203.2 mm (8.00") |
| Finish | | Baffle: Steel plate, white<br>Grille: Steel plate, white |
| Dimensions | | 318 x 318 x 84.5 mm |
| Weight | | 1.74 kg (3.84 lbs) |
| Accessory | | Mounting screw (M 5 x 38 mm) x 4; Wire nut x 2 |
| Push Button | | Push Button momentary N/O dome head rated at 125V 4A |
| Option | | Flush mount back box: Q-BB-580S; Surface back box: Q-BB-580W;<br>Drilled mounting hole in baffle for optional microphone (supplied by user) |

# PC-580SBT Series Back Boxes



| | Q-BB-580S | Q-BB-580W |
|---|---|---|
| Finish | Galvanneal (satin-coat) steel construction, unpainted, anti-resonance spray coating applied to the interior of the enclosure | Commercial quality steel construction, powder-coated white, paint, open-back enclosure |
| Dimensions | 11-3/4" x 11-3/4" square enclosure, 4" deep | 12-7/8" x 12-7/8" square enclosure, 4" deep |
| Weight | 1.30 kg (2.86 lbs) | 1.31 kg (2.88 lbs) |
| Knockouts | Four "2-way" 1/2"-3/4" knock-outs at 90 degrees, 2" from back slots for use with channels | -- |
| | PC-580SBT | |