

PC-2268

SURFACE-MOUNT SPEAKER 6W



The PC-2268 is surface-mount speakers designed for installation on ceilings where built-in speakers cannot be installed. The speakers can even be installed to an electrical switch box. The compact, stylish appearance of the speaker units ensures they blend well with any architectural decor. The speakers are rear-closed with a rear cover to maintain constant performance and sound quality regardless of where they are installed.

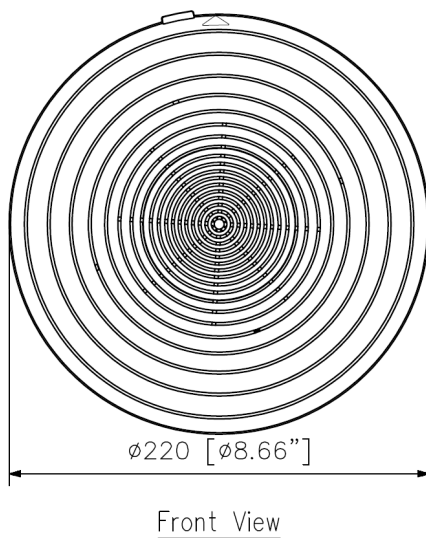
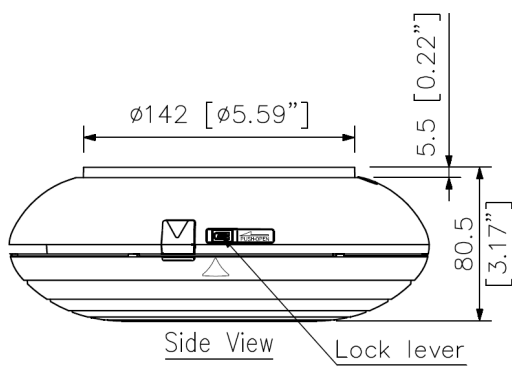
Key features

- Clearly audible vocal and smooth sound reproduction for easy-to-hear broadcasts.
- Ideal for such applications as shopping malls, restaurants, offices, hospitals, and many more.
- Contemporary low-profile design that blends perfectly with interior decor.
- Fire-resistant enclosure with HIPS resin front and rear cases.
- Easy installation thanks to lightweight unit and locking rotational securing of front and rear cases.
- Application versatility with transformer tap position input power changes

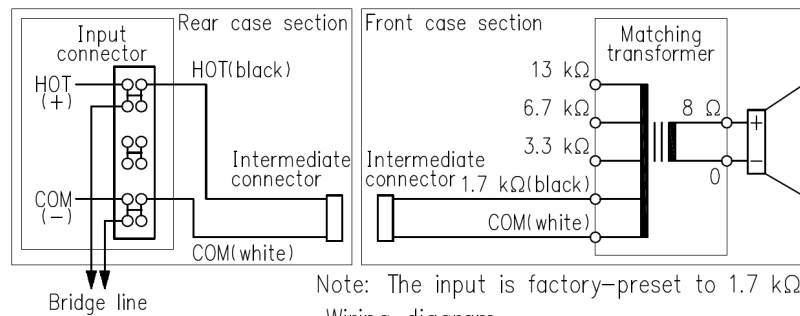
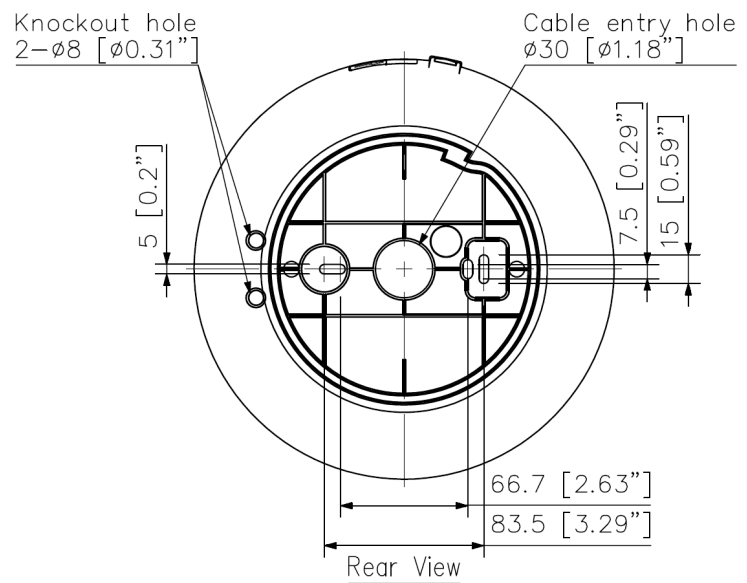
Specifications

Rated Input	6 W (for 100 V line), 3 W (for 70 V line)
Rated Impedance	100 V line: 1.7 k Ω (6 W), 3.3 k Ω (3 W), 6.7 k Ω (1.5 W), 13 k Ω (0.8 W) 70 V line: 1.7 k Ω (3 W), 3.3 k Ω (1.5 W), 6.7 k Ω (0.8 W), 13 k Ω (0.4 W)
Sensitivity	90 dB (1 W, 1 m, 330 Hz - 3.3 kHz, pink noise)
Frequency Response	160 Hz - 14 kHz (20 dB below peak)
Speaker Component	12 cm (5") cone-type
Cable Requirements	600 V vinyl-insulated cable (IV wire or HIV wire) Solid copper wire: $\varnothing$ 0.8 - $\varnothing$ 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)
Operating Temperature	-10 °C to +50 °C (14 °F o 122°F)
Finish	Front case, Rear case: Fire-resistant HIPS resin (resin material grade: UL94V-0), light gray
Dimensions	$\varnothing$ 220 x 80.5 (D) mm ($\varnothing$ 8.66 x 3.17") (excluding projection)
Weight	880 g (1.94 lb)
Included Accessories	Switch box mounting screw (M4 x 35) ...2, Ceiling mounting screw (4 x 35) ...2

Dimensions



UNIT:mm



A&E specifications

The speaker shall be a surface-mount broadcast unit suitable for wall or ceiling installations where built-in speakers cannot be installed. Installation to an electrical box shall be possible. The speaker shall reproduce clearly audible vocal and smooth sound for easy-to-hear broadcasts in shopping malls, restaurants, offices and hospitals. The speaker component shall be a 12 cm (5") cone-type speaker. Rated input shall be 6W for a 100V line application, and 3W for a 70V line application, with changes made by switching the transformer tap position (6W, 3W, 1.5W, 0.8W at 100 V and 3W, 1.5W, 0.8W, 0.4W at 70V). Speaker connection shall be by a push-in connector with a bridging terminal. The sensitivity at a distance of 1m with a 1W input level applied shall be 90dB. The speaker shall have a frequency response of 160 – 14 kHz. The speaker shall have an operating temperature of -10° C to +50° C (14° F to 122° F). The speaker enclosure shall be front and rear cases of light-gray fire-resistant HIPS resin, with locking rotational closure. The design shall blend well with any architectural decor. Dimensions shall be ø220 x 80.5 (D) mm (ø8.66" x 3.17"). Weight shall be 880g (1.94 lbs.). Screws for ceiling-mount and switch-box-mount shall be available. The surface-mount speaker shall be TOA model PC-2268.