

PF-55T/PF-55TB Speaker Assemblies

The PF-55 Series commercial background music/voice paging speakers offer a new level of quality and installation convenience. These complete speaker, transformer, baffle and back-box (PF-55TB) assemblies feature 5-inch, full range drivers with a smooth frequency response optimized for intelligibility, plus a quality 4-watt attached transformer.

The all-metal baffles and grilles fit nicely into any commercial or retail environment and blend nicely into the scenery with their small footprint. The PF-55 Series speakers employ a unique easy mounting system which cuts installation time by half. All PF-55 Series speakers ship with an AudioTrak tile bridge rough-in bracket and cutout template in every box which provides major cost savings. With modern aesthetics and ease of installation, the PF-55 Series is the right choice for your next project.



PF-55T



PF-55TB



Rough-in bracket

Features

- Complete speaker, transformer, baffle and back-box (PF-55TB) assemblies
- Easy mount claw system cuts installation time
- 20-watt, 5-inch full range speaker with smooth frequency response
- 4-watt wide frequency transformer
- 25 / 70-volt or 8-ohm with 4 wattage taps
- 97 dB (PF-55T), 100 dB (PF-55TB), 1 watt 1 meter
- Pure white architectural grilles
- Easy one-piece installation

Specifications

	PF-55T	PF-55TB
Speaker Type:	5.5-inch full range	5.5-inch full range
Cone material	Paper	Paper
Frequency response	100 Hz to 18 kHz ± 3 dB	100 Hz to 18 kHz ± 3 dB
Sensitivity	97 dB at 1 watt, 1 meter	100 dB at 1 watt, 1 meter
Dispersion	100 degrees	100 degrees
Power handling	20 watts	20 watts
Impedance	8 ohms	8 ohms
Magnet weight	5.4 oz; 153 g	5.4 oz; 153 g
Voice coil diameter	0.75 inches; 19 mm	0.75 inches; 19 mm
Overall diameter	7.81 inches; 198.5 mm	7.81 inches; 198.5 mm
Overall depth	3.27 inches; 83 mm	4.13 inches; 105 mm
Transformer	4 watts, 25 / 70 volts, 0.5, 1, 2, 4-watt taps	
Cutout diameter	6.5 inches; 165 mm	6.5 inches; 165 mm
Overall weight	2.05 lbs; 0.9299 kg	2.75 lbs; 1.247 kg

Architectural and Engineering Specifications

The loudspeakers shall be the PF-55T and PF-55TB. The loudspeaker shall be a five and one half-inch full range speaker paper cone type with a 5.4 oz; 153 g magnet. The loudspeaker shall have a continuous power rating of 20 watts RMS with a consistent frequency response of 100 Hz to 18 kHz ± 3 dB. The loudspeaker voice coil shall be 0.75 inches; 19 mm in diameter and the speaker shall have a nominal impedance of 8 ohms. The loudspeaker shall have a sensitivity of 97 dB (PF-55T) and 100 dB (PF-55TB), 1 watt, 1 meter and provide a dispersion angle of 100 degrees. The speaker shall be fitted with a 25 / 70-volt transformer with primary taps of 0.5, 1, 2, 4 watts and a secondary tap of 8 ohms.

The speaker baffle and mounting clips are a one-piece all-metal design fitted with an all-metal white painted architectural grille. The PF-55TB shall be fitted with an all-metal white painted circular back-can with a wire-in terminal strip and wattage tap selector mounted on the top of the back-can for easy installation access. The speaker cutout dimension shall be 6.5 inches; 165.1 mm and shall mount to walls and ceilings with two spring-loaded claw arms with no screws or fasteners necessary. The PF-55T and PF-55TB speakers shall include a plastic rough-in bracket which supports the weight of the speaker assembly in T-Bar ceilings and can also be used as a pre-construction bracket. The pre-construction bracket shall have an overall length of 26 inches; 660.4 mm and include 24 mounting holes. The complete speaker, transformer, grille, rough-in bracket and back-box (PF-55TB) shall be the AudioTrak PF-55T and PF-55TB.

