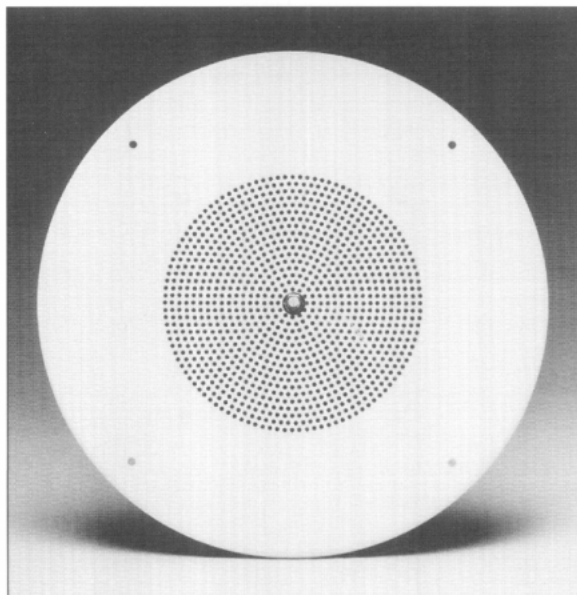
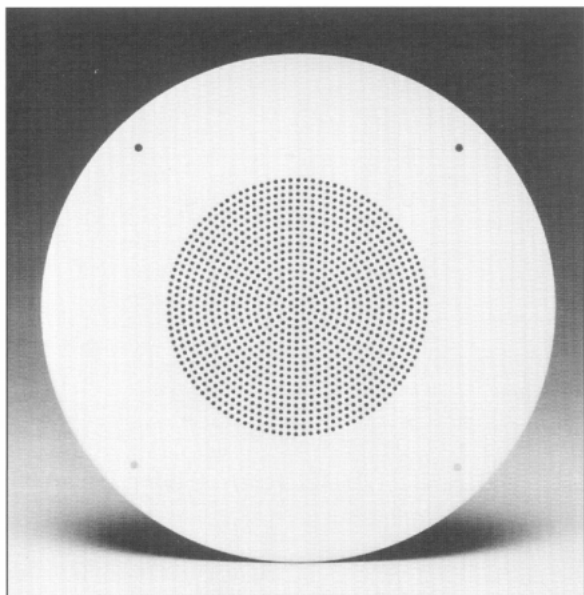


FLUSH MOUNT SPEAKER ASSEMBLIES

PC-671R

PC-671RV



FEATURES

- 8" loudspeaker assembly with integral 25V/70V transformer and round baffle.
- Only 2.5" depth allows mounting in partitions and other shallow spaces.
- Multi-tap transformer with heavy duty silicon steel core to prevent saturation at maximum power.
- Available with a rugged baffle mounted volume control. [PC-671RV]
- Contaminant and corrosion resistant baffle and volume control.

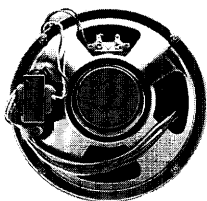
DESCRIPTION

Both models in this PC Series are completely factory assembled utilizing an eight inch (15 watt program) driver specifically designed for low level (0.5 to 6 watt) distributed sound systems. This driver in conjunction with its associated baffle (grille) will provide uniform dispersion characteristics over a broad frequency range.

The dual (25 and 70 volt) line transformer has a high saturation factor due to its heavy duty silicon steel core. In usual applications of 0.5 to 2.0 watts or in extreme 6 watt situations, frequency response characteristics will not be impaired by saturation. The dual voltage feature allows the convenience of one model for all line voltage applications.

The 'V' suffix model has a center baffle mounted, screw driver adjustable Volume Control. TOA design engineers devised this control to withstand heat, fumes and contaminants that are associated with ceiling mount installations. This durable, conservatively designed volume control will provide a long, noise free service life. The control shaft is provided without a knob to prevent unauthorized tampering. Its slotted end allows the technician to quickly balance system levels without high labor costs.

Both PC models have a nominal 2½ inch (behind the grille) depth which will allow mounting in most partitions, walls and other shallow spaces. Mounting holes conform to most standard back boxes. Assembly components are not separately available.



PC-671 ASSEMBLIES

The PC-671 group consists of two models. The baffles are CRS with a white paint finish specially formulated to resist corrosion and provide excellent undercoat bonding.

Specifications

Driver Size, Impedance	Nominal 8", 8Ω
Power Handling	15 Watts Program
Magnet Material, Weight	Ferrite, 5.3 oz.
Flux Density	10,300 Gauss
Frequency Range	90 Hz-16k Hz
Sensitivity	96dB
Transformer	Dual Secondary winding, 25 or 70V
Transformer Power Taps	0.5W, 1.0W, 2.0W, 3W and 6W
Insertion loss	<1.5dB
Volume Control	Contaminant Resistant, Screwdriver adjust
Nominal Assembly Depth	2.5" Behind Baffle
Size/Diameter	Round: 13.4" O.D.
Assembly Weight	3.5 lbs

Specifications are subject to change without notice



ARCHITECT'S AND ENGINEER'S SPECIFICATIONS

The ceiling/wall mount loudspeaker shall be an integrated cone driver, line transformer and baffle (grille) assembly. The driver shall be an 8" diameter cone type with an 8 Ohm nominal impedance and a 5.3 oz ferrite magnet. Power handling shall be 6 watts RMS (15 watts program) with a frequency response from 90HZ - 16KHZ and sensitivity of 96 dB SPL at 1 watt input measured at a distance of 1 meter. The line transformer shall accept 25V and 70V inputs with taps for 0.5W, 1W, 2W, 3W and 6W with an output impedance of 8 Ohms with less than a 1.5 dB insertion loss. The baffle shall be made of CRS with a white, corrosion resistant paint

finish. [A screwdriver adjustable, noise free volume control shall be mounted in the center of the baffle easily accessible for adjustment when the assembly is installed. The volume control shall withstand heat, fumes and other airborne contaminants].

The baffle shall be 13.4" O.D. with a 2.5" depth for the assembly behind the baffle. Holes shall be provided in the baffle for mounting to standard loudspeaker backboxes. Weight for the assembly shall be 3.5 lb. The ceiling/wall mount loudspeaker shall be the TOA PC-671R [PC-671RV].



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