



The CM 361 Flush Mount Ceiling Loudspeaker is designed for low ceiling applications in a public address system. The unit consists of a 75 mm dynamic full range loudspeaker driver, capable of delivering up to 96 dB of Sound Pressure Level (SPL), coupled with the unit's frequency response of 64 Hz ~ 20 kHz, it gives the unit excellent speech and music reproduction properties.

The unit's built-in line matching transformer makes it suitable for a 70 V or 100 V distributed loudspeaker system. Multiple power tapings on the transformer allows for outputs of 6, 3 and 1.5 W (100 V line system) or 3, 1.5 and 0.8 W (70 V line system).

The loudspeaker driver unit is mounted onto an aesthetically pleasing 105 mm circular metal grille finished with a matted surface in Pure White (RAL 9010). The whole unit is spring mounted to the ceiling board without any visible screw mounting holes and more importantly without any hassle.

- 105 mm circular white epoxy coated metal grille, utilising a 75 mm dynamic full range speaker driver unit, suitable for general PA applications requiring speech clarity.
- Spring mounted installation to eliminate visible mounting screws.
- Ready fitted line matching transformer with multiple impedance tapings, suitable for 70 V and 100 V line distributed loudspeaker system.
- Carefully designed with simplicity in installation & finished aesthetically for ease of matching to any ceiling type and interior facade.



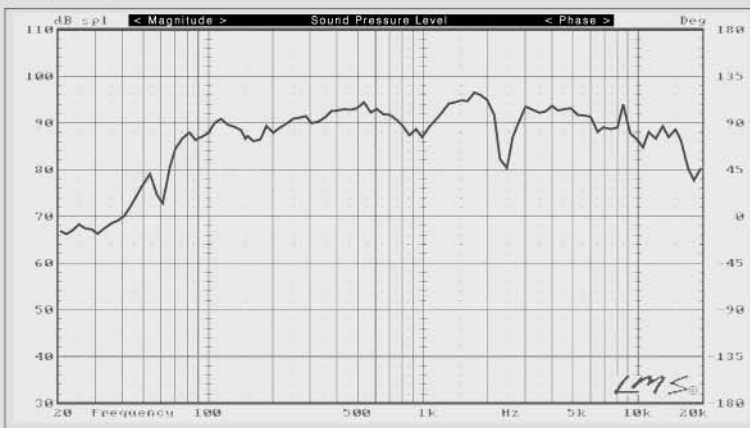
CM 361
Flush Mount Ceiling Loudspeaker



Technical Specifications

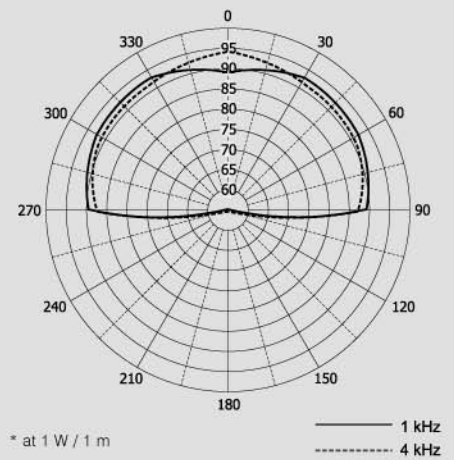
CM 361	
Rated Input	100 V : 6 W (6 - 3 - 1.5 W) 70 V : 3 W (3 - 1.5 - 0.8 W)
Maximum Power	9 W
Rated Impedance	1.7 kΩ (1.7 - 3.3 - 6.3 kΩ)
Sensitivity (1W / rated at 1m)	88 / 96 dB
Coverage Angle (1 kHz, -6 dB)	180 deg.
Frequency Response	64 Hz ~ 20 kHz
Speaker Component	75 mm Dynamic Full Range Loudspeaker
Safety	Acc. to EN 60065
Finish	Grille and Mesh; Pure White (RAL 9010)
Dimensions	Dia 105 x 75 mm
Weight	0.46 kg

Frequency Response



* at 1 W / 1 m

SPL Polar Plot



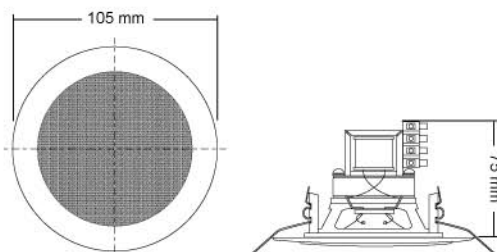
* at 1 W / 1 m

— 1 kHz
- - - 4 kHz

Engineers' Specifications

The flush mount ceiling loudspeaker unit shall consist of a 75 mm dynamic full range loudspeaker driver, mounted on to a 105 mm circular pure white (RAL 9010) epoxy coated metal grille. The unit shall be spring mounted to the ceiling to avoid visible mounting screws. A line matching transformer shall be provided with multiple power tapings of 6, 3 & 1.5 W (100 V) / 3, 1.5 & 0.8 W (70 V) suitable for distributed loudspeaker

system. The loudspeaker unit shall have a useable frequency range of 64 Hz ~ 20 kHz with a minimum SPL of 88 dB at 1 W/m, 1 kHz and a coverage angle of 180 deg.. The weight of the speaker unit shall not exceed 0.46 kg and dimensions shall be not more than 105 mm diameter and depth 75 mm.



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