



The CM 561 Flush Mount Ceiling Loudspeaker is designed for low ceiling applications in a public address system. The unit consists of a dual cone full range loudspeaker driver, capable of delivering up to 98 dB of Sound Pressure Level (SPL) with a frequency response of 45 Hz ~ 20 kHz, making the unit excellent for speech and music reproduction applications.

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

The loudspeaker driver unit is mounted onto an aesthetically pleasing 200 mm circular metal grille finished with a matted surface in White. The whole unit is spring mounted to the ceiling board makes installation simple and effective without any visible screw mounting holes.

There is also a back enclosure model available (CM 561E). With the metal back enclosure, crosstalk within the ceiling cavity can be prevented while acoustic damping material lining the enclosure reduces echoing.

- 200 mm circular white epoxy coated metal grille and covered with a metal perforated mesh.
- Dual cone full range speaker driver unit, suitable for general PA applications that calls for speech and music 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 distributed speaker system.
- Carefully designed with simplicity in installation & finished aesthetically for ease of matching to any ceiling type and interior facade.



CM 561

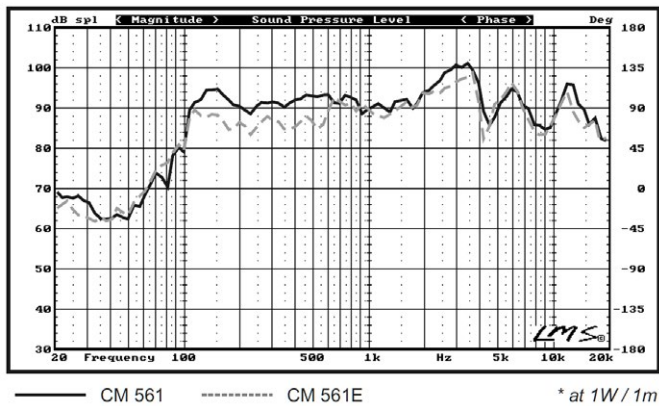


CM 561E

## Technical Specification

	CM561	CM561E
<b>Rated Input</b>	100 V : 6 W ( 6 - 3 - 1.5 W ) 70 V : 3 W ( 3 - 1.5 - 0.8 W )	100 V : 6 W ( 6 - 3 - 1.5 W ) 70 V : 3 W ( 3 - 1.5 - 0.8 W )
<b>Rated Impedance</b>	1.7 kΩ ( 1.7 - 3.3 - 6.7 kΩ )	1.7 kΩ ( 1.7 - 3.3 - 6.7 kΩ )
<b>Maximum Power</b>	9 W	9 W
<b>Frequency Response</b>	100 Hz ~ 20 kHz	115 Hz ~ 20 kHz
<b>Sensitivity 1W @ 1m</b>	90 / 98 dB	90 / 98 dB
<b>Coverage Angle (1kHz, -6dB)</b>	180 °	180 °
<b>Speaker Component</b>	130 mm Dynamic Full-range Loudspeaker	130 mm Dynamic Full-range Loudspeaker
<b>Safety</b>	Acc. to EN 60065	Acc. to EN 60065
<b>Material &amp; Finish</b>	Frame: Treated Steel, white Grille: Treated Steel, white	Frame: Treated Steel, white Grille: Treated Steel, white Enclosure: Treated Steel, white
<b>Dimensions</b>	Dia. 200 x 50 mm	Dia. 200 x 90 mm
<b>Weight</b>	0.73 kg	0.93 kg

## Frequency Response



## SPL Polar Plot

