



The CM 461 Flush Mount Ceiling Loudspeaker is designed for low ceiling applications in a public address system. The unit consists of a 100 mm dynamic full range loudspeaker driver, capable of delivering up to 98 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 and 100 V distributed speaker 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 135 mm circular metal grille finished with a matted surface in White. The whole unit is spring mounted on to the ceiling board without any visible screw holes and more importantly without any hassle.

There is also a back enclosure model available (CM 461E). With the metal back enclosure, crosstalk within the ceiling cavity can be prevented while acoustic damping material lining the enclosure reduces echoing.

- Reproduces full-range music and speech with genuine fidelity for rich, room-filling sound.
- CM 461, 100 V line taps: 6 W, 3 W, 1.5 W; 70 V line taps: 3 W, 1.5 W, 0.8 W.
- CM 461E, 100 V line taps: 6 W, 3 W, 1.5 W; 70 V line taps: 3 W, 1.5 W, 0.8 W.
- Robust powder-coated steel construction finished in white is built to shrug off knocks and last through years of heavy-duty service. Variants suffixed 'E' add a sealed back enclosure for use in open ceilings and plenum spaces.
- CM 461, Ø135 × 80 mm, cut-out Ø112 mm, 0.52 kg.
- CM 461E, Ø135 × 102 mm, cut-out Ø112 mm, 0.75 kg.
- Specified for hotels, restaurants, retail stores, boutiques, lounges and hospitality interiors.



CM 461

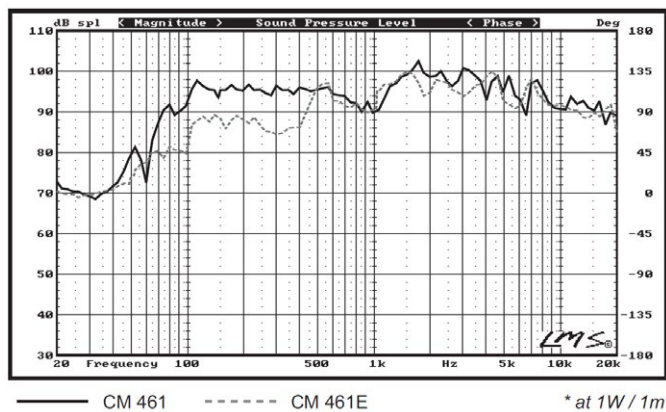


CM 461E

Technical Specification

	CM 461	CM 461E
Rated Input	100 V : 6W (6W - 3W - 1.5W) 70 V : 3W (3W - 1.5W - 0.8W)	100 V : 6W (6W - 3W - 1.5W) 70 V : 3W (3W - 1.5W - 0.8W)
Rated Impedance	1.7kΩ, 3.3kΩ, 6.7kΩ	1.7kΩ, 3.3kΩ, 6.7kΩ
Maximum Power	9 W	9 W
Frequency Response	64 Hz - 20 kHz	100 Hz - 20 kHz
Sensitivity 1W @ 1m	90 / 98 dB	90 / 98 dB
Coverage Angle (1kHz, -6dB)	180 °	180 °
Speaker Component	100 mm Dynamic Full-range Loudspeaker	100 mm Dynamic Full-range Loudspeaker
Safety	Acc. to EN 60065	Acc. to EN 60065
Material & Finish	Frame: Treated Steel, white Grille: Treated Steel, white	Frame: Treated Steel, white Grille: Treated Steel, white Enclosure: Treated Steel, white
Dimensions	Dia. 135 x 80 mm	Dia. 135 x 102 mm
Weight	0.52 kg	0.75 kg

Frequency Response



SPL Polar Plot

