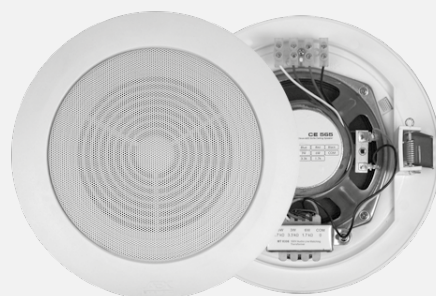


The CE 565 Ceiling Loudspeakers suits low ceiling applications such as supermarkets, offices and restaurants, reproducing voice announcements and background music with high clarity. Mounted on to a high impact ABS grille with an off-white finish, its 120 mm dynamic full range loudspeaker component reproduces the source signal with high intelligibility due to its extended frequency response. An aesthetically pleasing front metal mesh comes as a standard feature. The model are spring mounted on to the ceiling for ease of installation. It comes with a multiple impedance line matching transformer, suitable for 70 V or 100 V distributed loudspeaker system with a maximum power handling of 6 W rated at 100 V.

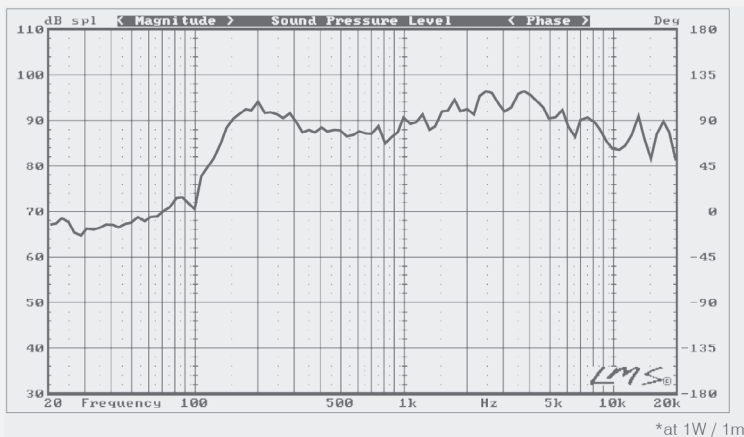
- Off-white circular flush-mounted high impact ABS grille with an aesthetically pleasing front metal mesh.
- 120 mm dynamic full range loudspeaker component for a wide frequency response.
- Flush mounted to the ceiling with its integrated spring mounting mechanism for ease of installation and improved aesthetics.
- Ready fitted line matching transformer with multiple power tapings of 6, 3 & 1.5 Wat 1 00V line (3, 1.5, 0. 75 Wat 70 V).
- Wide coverage angle reduces the number of loudspeaker units required for evenly distributed sound coverage.



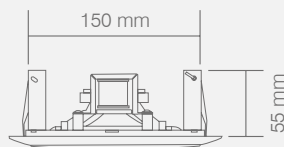
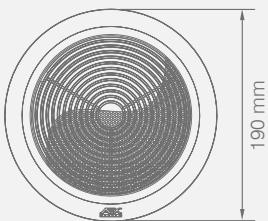
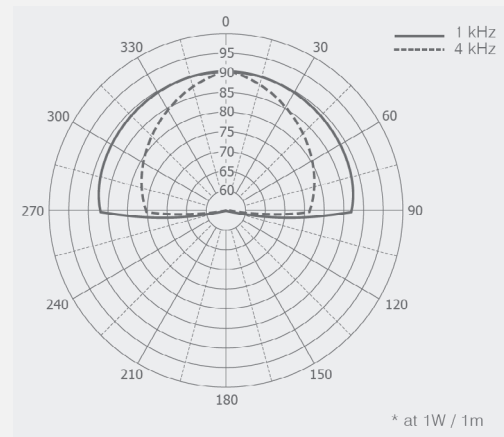
Technical Specifications

CE 565	
Rated Input	100 V : 6 W (6 - 3 - 1.5 W) 70 V : 3 W (3 - 1.5 - 0.75 W)
Maximum Power	9 W
Rated Impedance	1.7 kΩ (1.7 - 3.3 - 6.7 kΩ)
Sensitivity (1 W / rated at 1m)	90 / 98 dB
Coverage Angle (1 kHz, -6 dB)	180 °
Frequency Response	110 Hz ~ 20 kHz
Speaker Component	120 mm Dynamic Full Range Loudspeaker
Safety	Acc. to EN 60065
Mounting Method	Spring
Applicable Ceiling Thickness	3 ~ 25 mm
Material & Finish	ABS resin, White c/w Fine Metal Mesh
Dimensions	Dia. 190 x 54 mm

Frequency Response



SPL Polar Plot



Engineers' Specification

The ceiling loudspeaker unit shall consist of a 120 mm dynamic full range loudspeaker driver, mounted on to a 190 mm circular off-white high impact ABS baffle. The unit shall have a torsion spring assembly to secure the loudspeaker unit to the ceiling. A fine epoxy coated metal perforated mesh in off-white shall cover the grille of the unit. A line matching transformer shall be provided with multiple tapings of 6, 3 and 1.5 W rated at 100 V (3, 1.5 and 0.75 W rated at 70 V) line distributed loudspeaker

system. The loudspeaker unit shall have a useable frequency range of 110 Hz ~ 20 kHz and a minimum SPL of 90 dB at 1 m/W with the coverage angle of 180 deg. at 1 kHz (-6 dB).