EN 54-24

100V

Fireproof

Features:

- 2-way system
- Thermal fuse
- Magnetic fastening of grille

Description

2-Way ceiling speaker with fire dome for voice alarm applications certified EN 54-24, suitable for voice announcements and background music with excellent sound quality in buildings. The 50W powered speaker is equipped with a 165mm 2-way system featuring a high-quality tweeter and a 100V transformer with 4 power adjustments. Low impedance operation is also possible. The sturdy metal housing in RAL 9016 guarantees long-term durability.

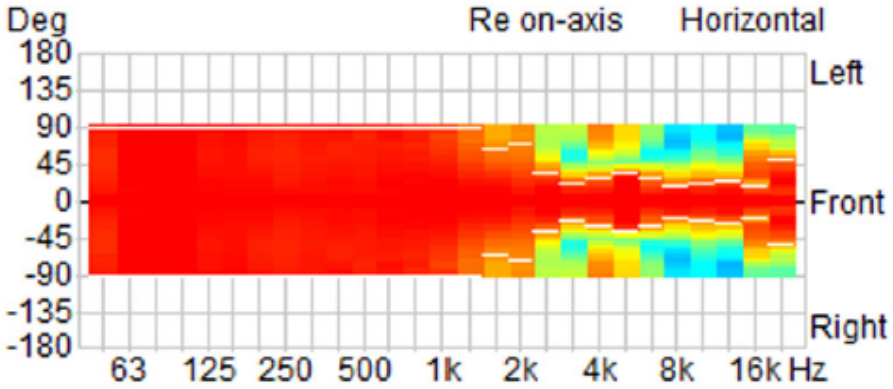
Thanks to an innovative magnetic fastening, the finely perforated speaker grille can quickly be removed or replaced by a grille of a different color, even after the installation.

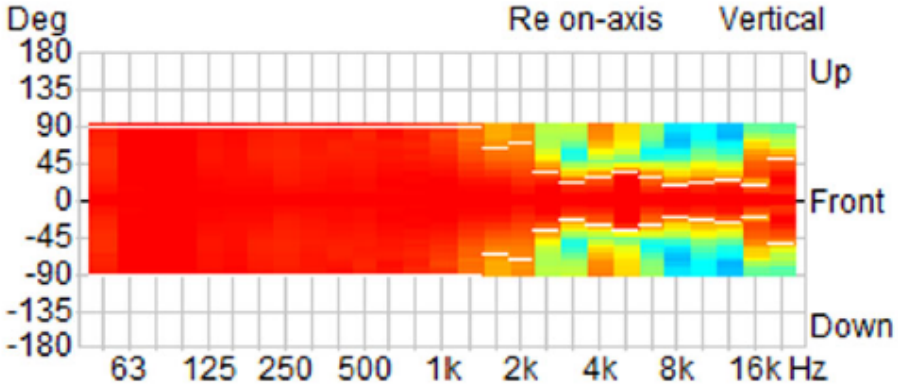
The speaker is impregnated against dampness.

Protection class IP 21C secures the speaker against the risks of environmental influences.

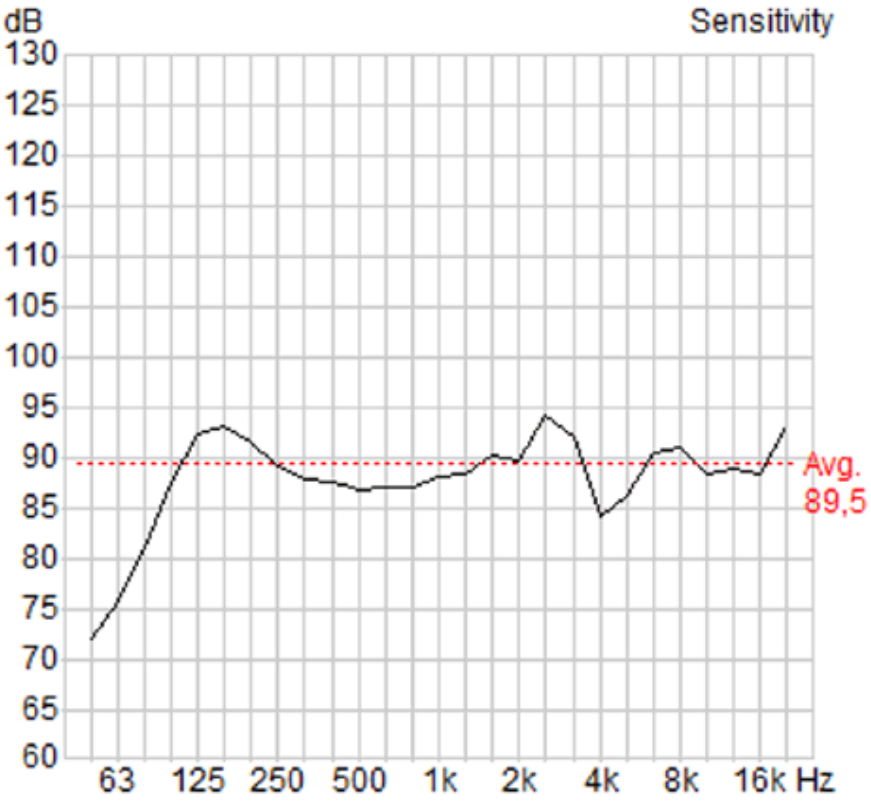
Fast and easy installation via a screw mounting system.

Polar Diagrams

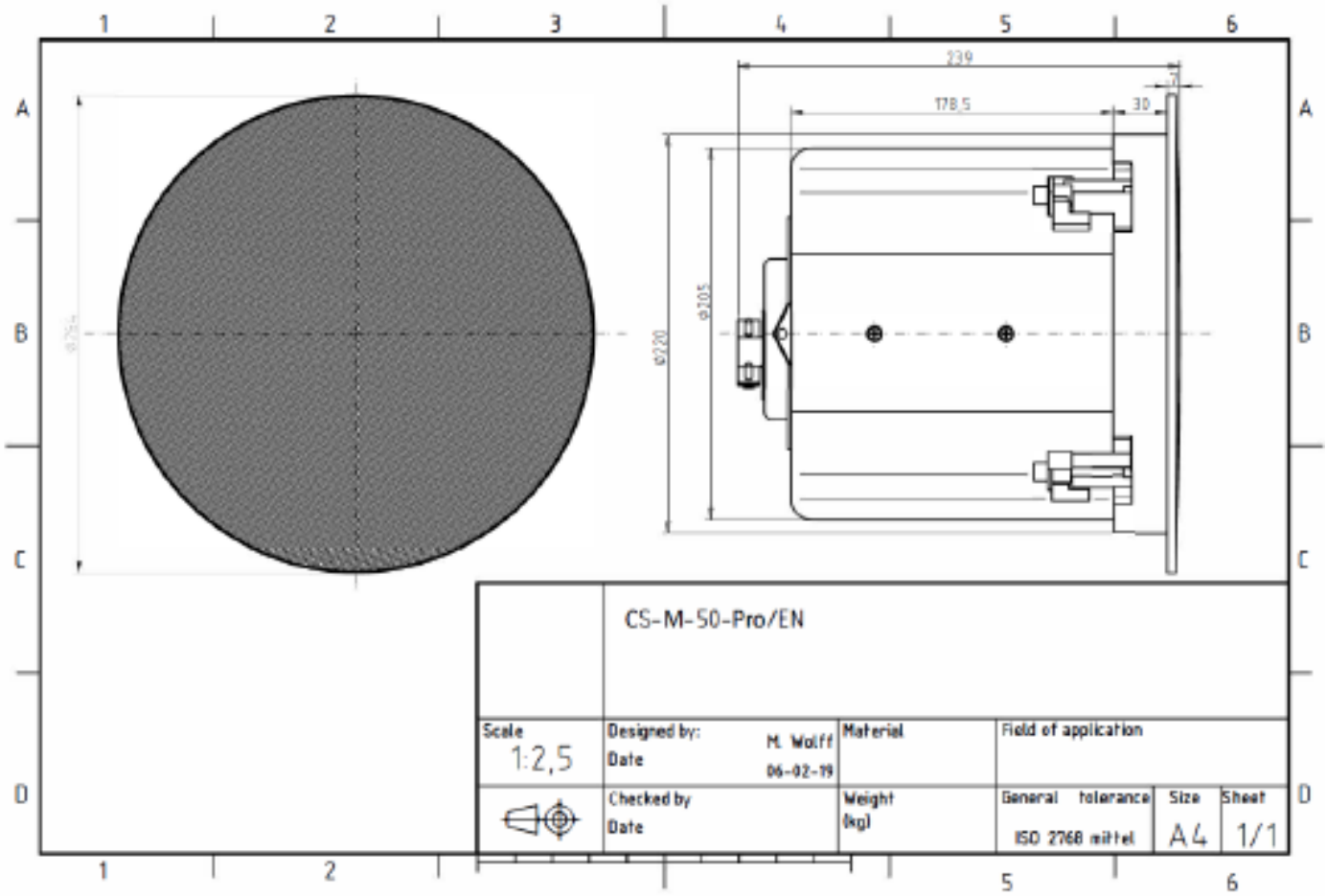




Frequency Response Diagrams



Technical Diagrams



Electrical specifications

Description	CS-M-50-Pro/EN
Power	50/25/12,5/6,25/ (8) W
Impedance (100V)	200/400/800/1600/ ohm
Frequency Range	65-24.000 Hz
Frequency Response	80-22.200 Hz
SPL, rated noise power / 4m	94,3 dB
Sensitivity EN54-24, 1W/4m	77,5 dB
Sensitivity EN54-24, 1W/1m	89,5 dB
Dispersion -6dB, 500Hz	180°
Dispersion -6dB, 1KHz	180°
Dispersion -6dB, 2KHz	140°
Dispersion -6dB, 4KHz	56°

Mechanical specifications

Dimensions	264 x 240 mm
IP Rating	IP21
Weight (net)	3,75 kg
Ceiling Cut-out	238 mm
Temperature range	-10 / +55 °C
Mounting	Screw system
Connector	4-pin screw terminal
Terminal diameter	2,5 mm
Max. cable cross section loop	4,9mm²
Colour	RAL 9016