swiss made elektronik ag

GM-8250-EN54

- **Distinctive design**
- **Excellent sound**
- **IP 65**

Features

The compact monitor speaker impresses by a sophisticated design and by its powerful sound. Perfectly suitable for installations where high sound quality is needed.

The 50 W powered speaker is equipped with a high quality 2-way system and a 100 V transformer with 3 power adjustments. Also, the low impedance operation with 8 ohm is possible.

The impact-resistant, UV resistant ABS plastic housing in white assures enduring stability.

For additional reliability, an integrated thermal fuse and the wetness impregnation of the speaker chassis is provided.

The speaker is also secured with protection class IP 65 against the risks of environmental influences. A comfortable connection of the speaker is made possible by a stable screw terminal with contact protection.

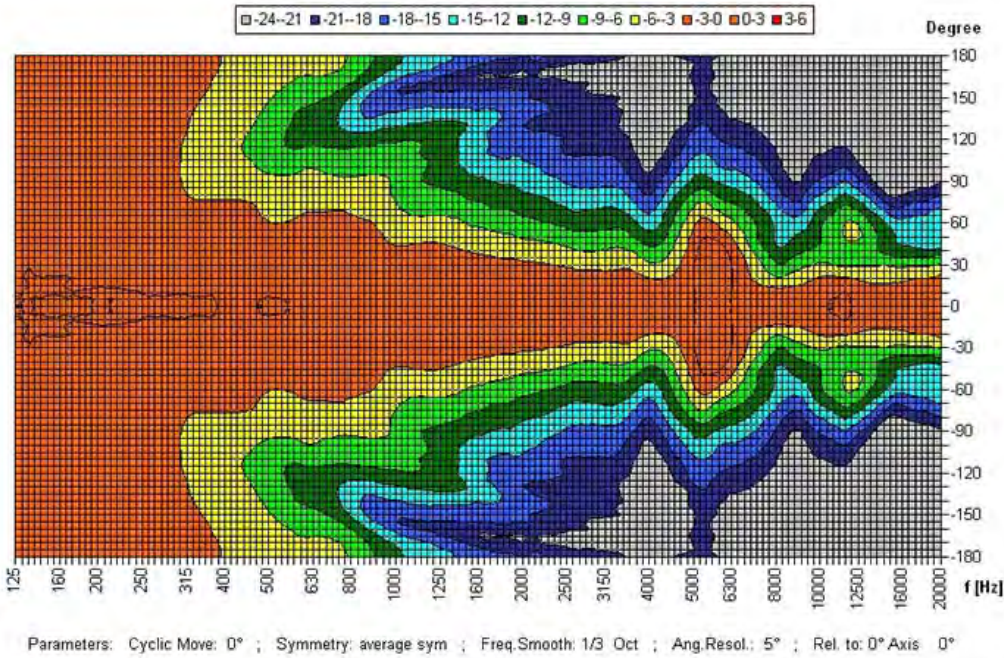Quick and easy mounting with wall mounting bracket.

Technical Data

Electrical

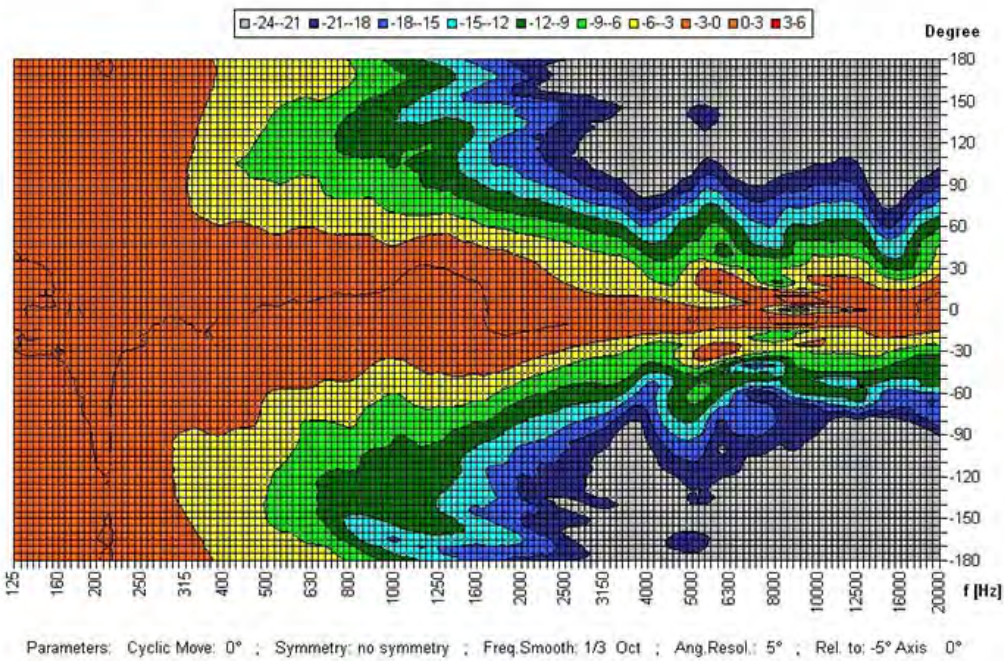|	
Power	50/25/12.5/6.25 W (8 Ω)
Impedance (100 V)	200/400/800/1600 Ω
Frequency Range	63–20'100 Hz
Frequency Response	53–20'300 Hz
SPL, peak (1 W/1 m)	88.2 dB
SPL, peak (1 W/4 m)	76.2 dB
SPL, Pmax/4 m, peak	93.1 dB
Sensitivity EN 54-24 (1 W/4 m)	76.7 dB
Sensitivity IEC 268-5 (1 W/1 m)	88.7 dB
Dispersion -6 dB, 500 Hz	194° (h), 185° (v)
Dispersion -6 dB, 1 KHz	152° (h), 114° (v)
Dispersion -6 dB, 2 KHz	97° (h), 103° (v)
Dispersion -6 dB, 4 KHz	64° (h), 43° (v)

Mechanical

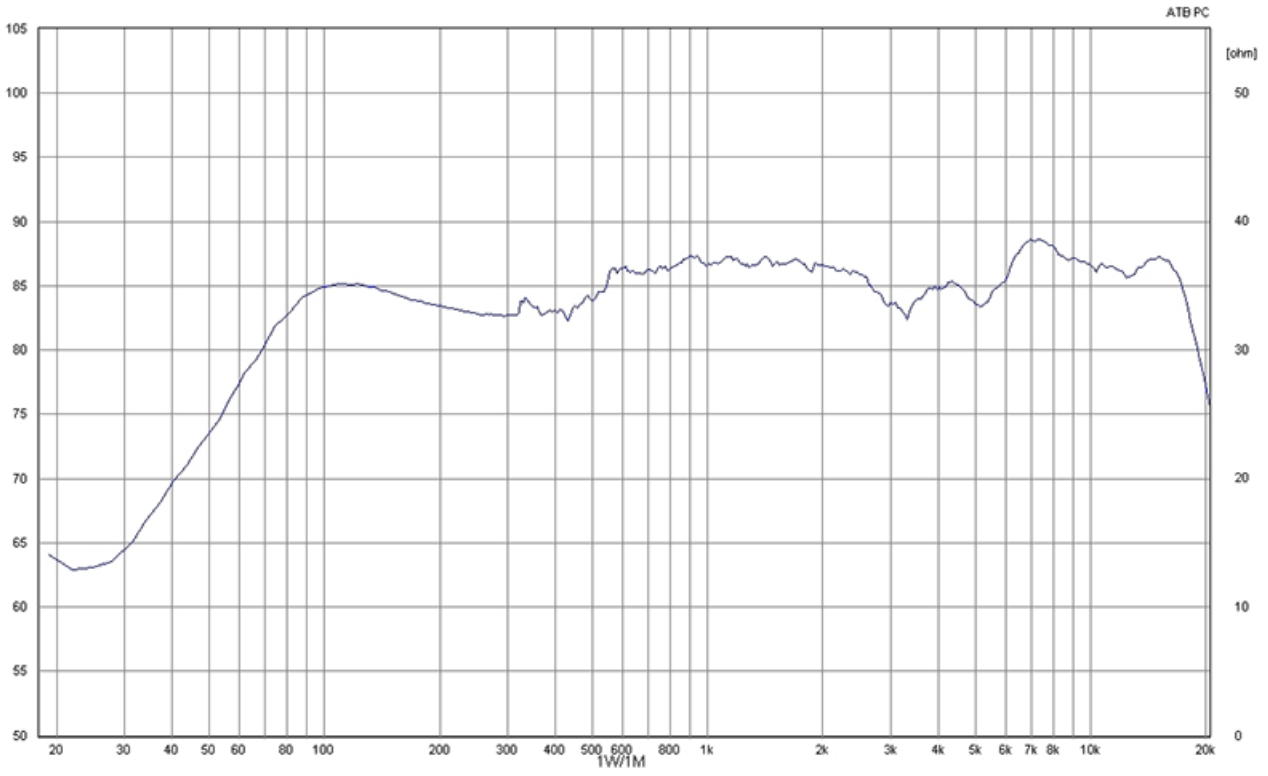|	
Dimensions	330 × 205 × 192 mm
Weight	3.65 kg
Temperature range	-25 °C to 80 °C
Standard colours	White, black
Mounting	Swivel bracket
Connector	6-pin screw terminal
Maximum cable cross section	4.9 mm²
Max. cable cross section loop	2 × 1.2 mm²
IP Rating	IP65
Certificate EN 54-24	1438-CPR-0348

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Polar plot

Horizontal

Parameters: Cyclic Move: 0° ; Symmetry: average sym ; Freq.Smooth: 1/3 Oct ; Ang.Resol.: 5° ; Rel. to: 0° Axis 0°

Vertical

Parameters: Cyclic Move: 0° ; Symmetry: no symmetry ; Freq.Smooth: 1/3 Oct ; Ang.Resol.: 5° ; Rel. to: -5° Axis 0°

Frequency response

Dimensions in mm