

50 Watts Monitor / Wall mount Loudspeaker

APPLICATION

- Public Address and Voice Alarm
- Outdoor application
- Background Music

AREA OF USE

- Health • Education • Retail • Hospitality
- Stadiums • Transportation • Theme parks • Military



EN 54 | 24

- Distinctive design
- Excellent sound
- IP 65

OVERVIEW

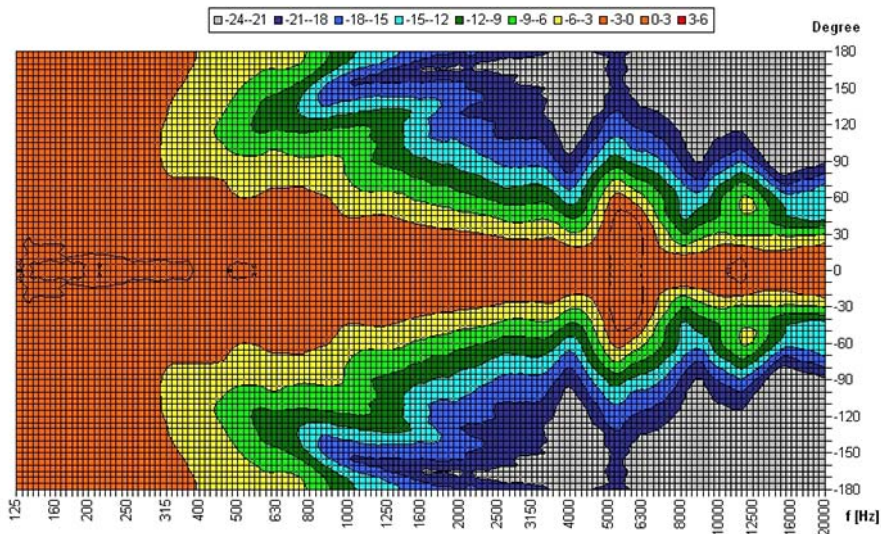
The compact monitor speaker impresses by a sophisticated design and by its powerful sound. Perfectly suitable for installations where high sound quality is needed. The 50W powered speaker is equipped with a high quality 2-way system and a 100V transformer with 3 power adjustments. Also, the low impedance operation with 8 ohm is possible. The impact-resistant, UV-resistant ABS plastic housing in black assures enduring stability. For additional reliability, a wetness impregnation of the speaker 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.

POLAR DIAGRAMS

Horizontal Isobars

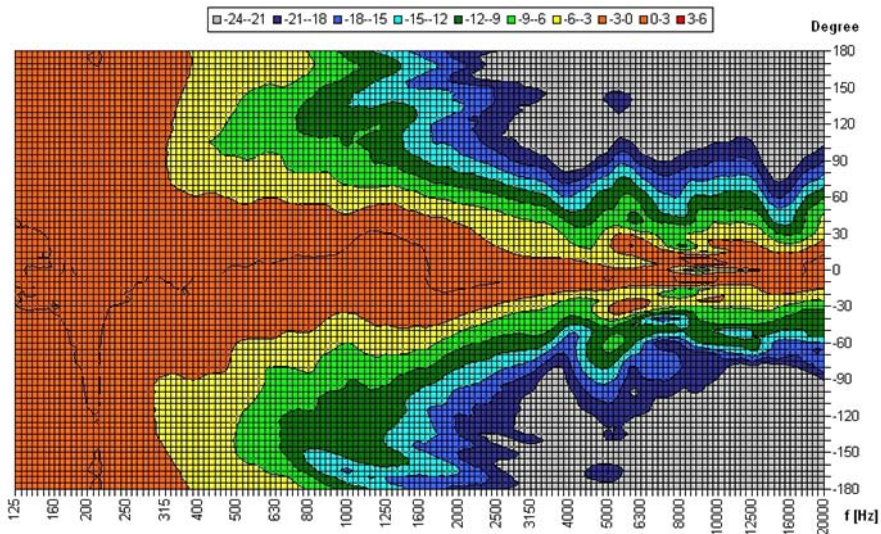
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Parameters: Cyclic Move: 0° ; Symmetry: average sym ; Freq.Smooth: 1/3 Oct ; Ang.Resol.: 5° ; Rel. to: 0° Axis 0°

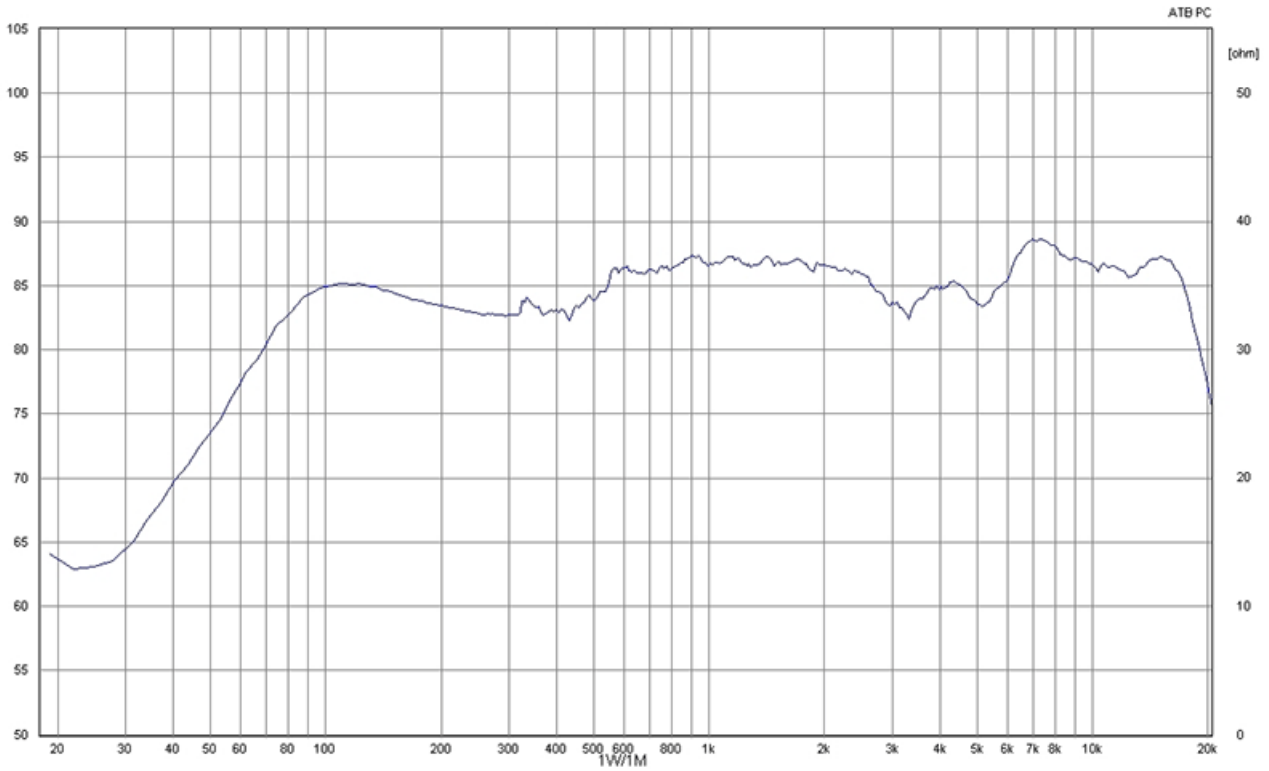
Vertical Isobars

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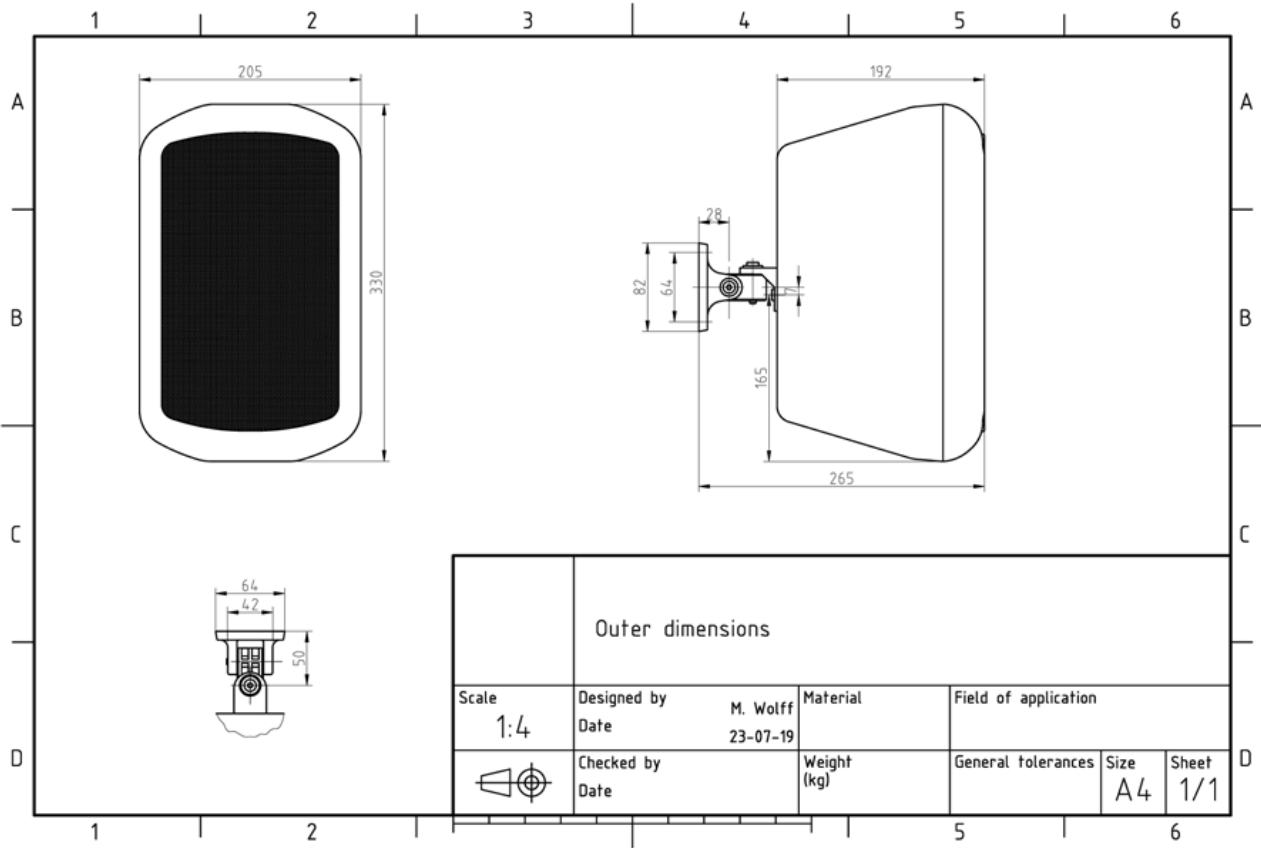


Parameters: Cyclic Move: 0° ; Symmetry: no symmetry ; Freq.Smooth: 1/3 Oct ; Ang.Resol.: 5° ; Rel. to: -5° Axis 0°

FREQUENCY RESPONSE DIAGRAMS



TECHNICAL DIAGRAMS



TECHNICAL DATA (ELECTRICAL)

Description	WMS-50B-ABS
Power	50/25/12,5/6,25 (8ohm) W
Impedance (100V)	200/400/800/1600 ohm
Frequency Range	52 - 24.000 Hz
Frequency Response	48 - 25.000 Hz
Sensitivity IEC268-5 , 1W/1m	84,8 dB
Sensitivity EN54-24, Pmax/4m	91 dB
Sensitivity, rated noise power / 4m	91 dB
Sensitivity EN54-24, 1W/4m	72,8 dB
Sensitivity EN54-24, 1W/1m	84,8 dB
Sensitivity 1W/1m @ 1KHz	88 dB
Dispersion -6dB, 500Hz	h/v 360
Dispersion -6dB, 1KHz	h 200° v 155°
Dispersion -6dB, 2KHz	h 110° v 120°
Dispersion -6dB, 4KHz	h 80° v 25°

TECHNICAL DATA (MECHANICAL)

Dimensions	326x202x192 mm
IP Rating	IP65
Weight (net)	3,65 kg
Temperature range	-25 / +70 °C
Mounting	Swivel bracket
Connector	6-pin screw terminal
Maximum cable cross section	4,9mm ²
Max. cable cross section loop	2x1,2mm ²
Colour	black

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