

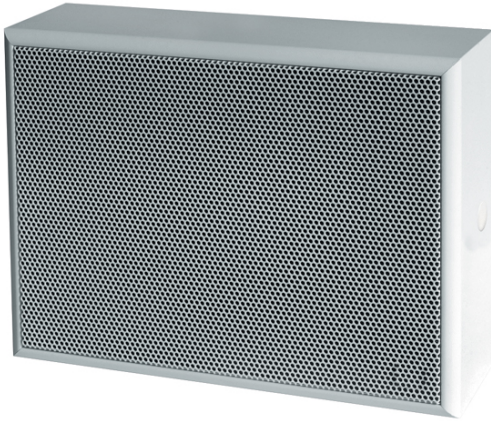


# FMS-AB-06W-100


## 6 Watts Cabinet / Wall Mount Loudspeaker



**EN 54 24**



- Quick mounting
- Highest reliability
- BS 5839



EN 54-24:2008  
Ref. Nr.: 008-13  
ID-Code: SAA-LS08  
0068-CPR-204/2024

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CE-Symbol gemäß Richtlinie 93/68EWG

### APPLICATION

- Public Address and Voice Alarm
- Background Music
- Audio Visual

### AREA OF USE

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

### OVERVIEW

The FMS-AB-06W-100 is designed with two independent speakers and 100V transformers to enable an economic operation of two separated speaker lines (A/B-lines) for highest security demands. In case of a failure of one speaker line the redundancy of the chassis and the transformers will guarantee unimpaired function. The speaker is also compliant with the British Standard BS 5839, Part 8. The 2x6W powered speaker is equipped with two full-range loudspeakers and two 100V transformer with 3 power adjustments, each. The high-density, shock-resistant MDF wood housing in white provides a low resonance sound. A sturdy front grille made of steel guarantees enduring stability.

For additional reliability, a 2-pin-ceramic block, thermal fuses are provided and the speaker chassis are impregnated against wetness.

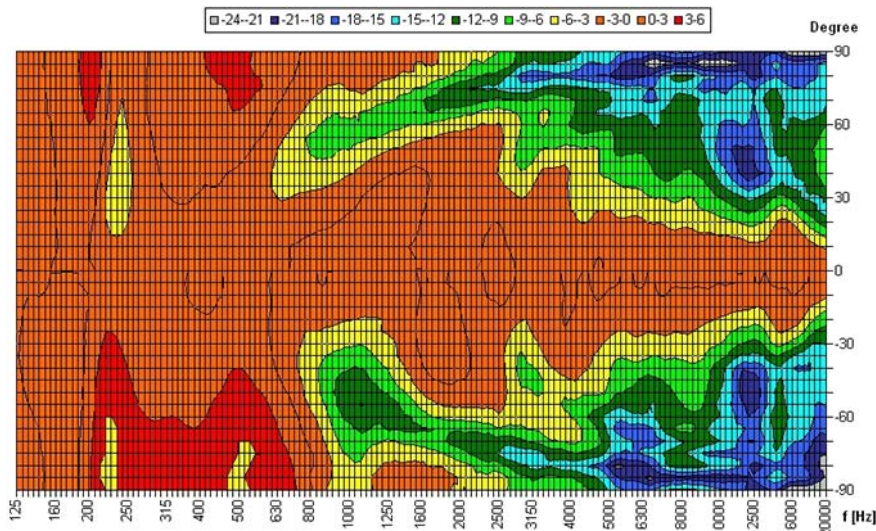
The speaker is also secured with the high protection class IP 54 against the security risks of environmental influences. The reliable spring clamp on the rear plate ensures a quick mounting on walls.



**POLAR DIAGRAMS**

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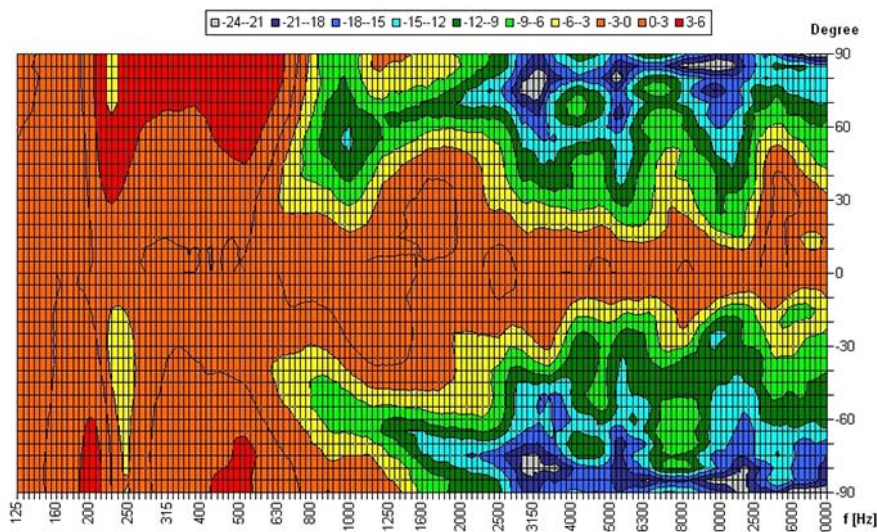
Horizontal Isobars single



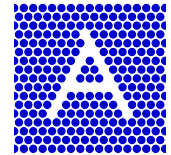
Parameters: Cyclic Move: 0° ; Symmetry: no symmetry ; Freq.Smooth: 1/3 Oct ; Ang.Resol.: 5° ; Rel. to: 0° Axis 0°

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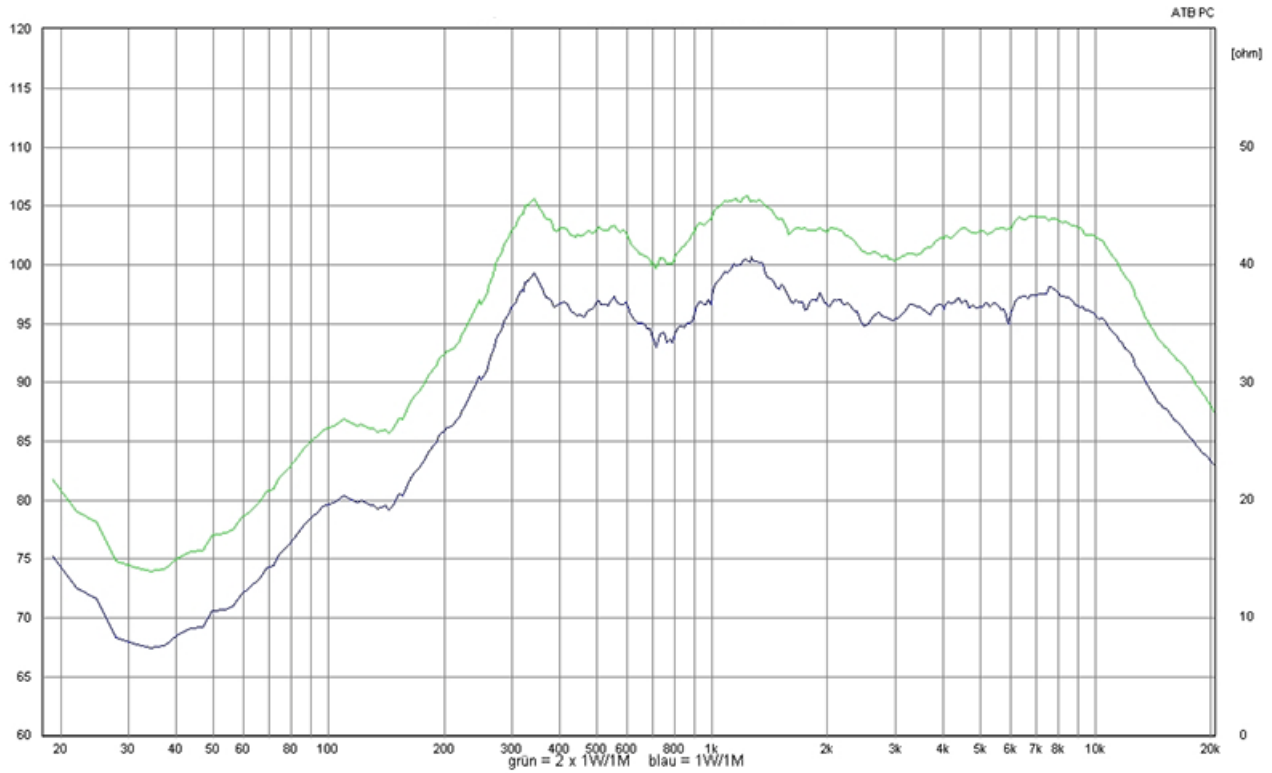
Vertical Isobars single



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

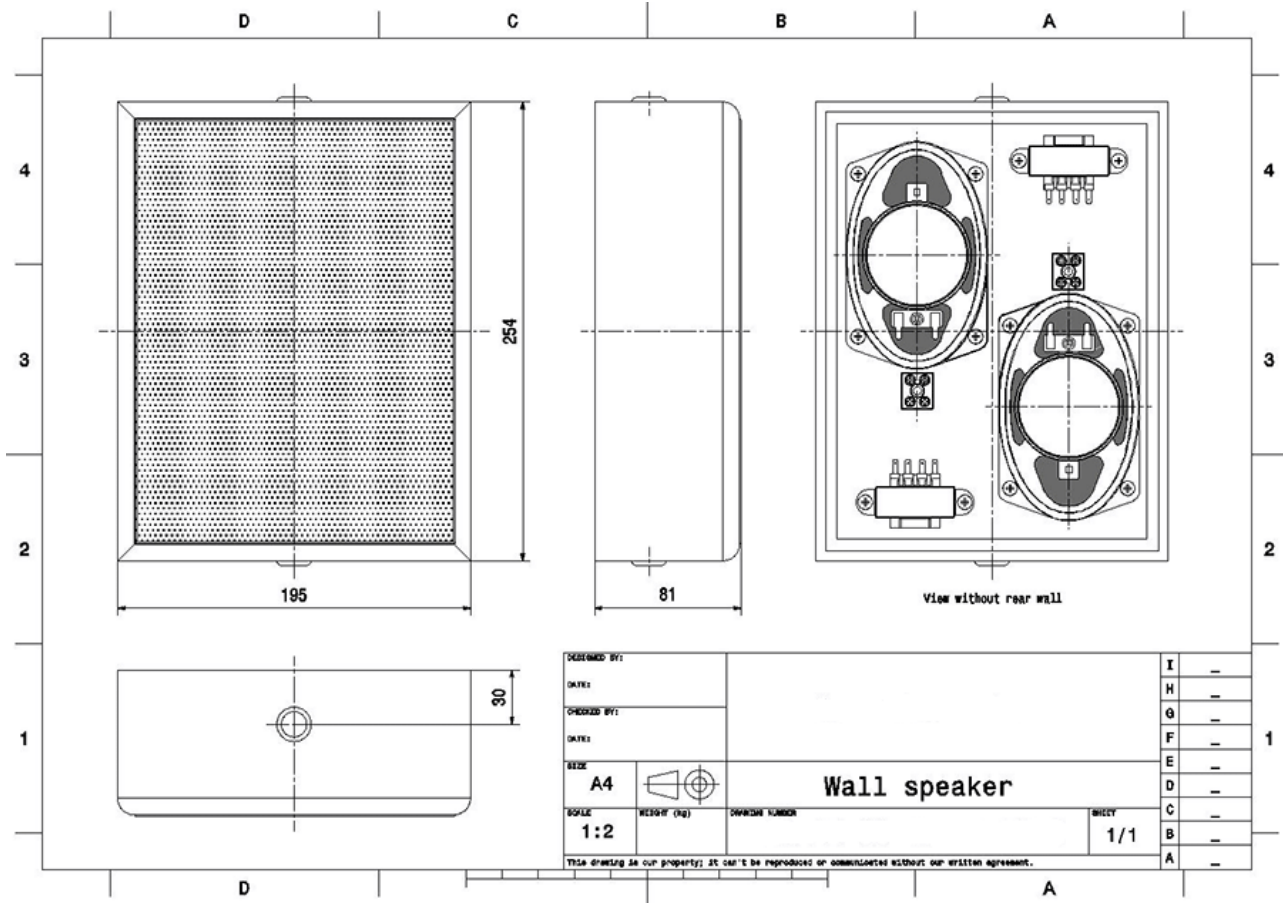


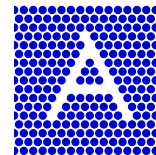
**FREQUENCY RESPONSE DIAGRAMS**





TECHNICAL DIAGRAMS





## TECHNICAL DATA (ELECTRICAL)

Description	FMS-AB-06W-100
Power	2x 6/3/1,5 W
Impedance (100V)	1667 / 3333 / 6667 ohm
Frequency Range	227 - 14.600 Hz (single) 224 - 14.300 Hz (double)
Frequency Response	165 - 23.500 Hz (single) 162 - 23.500 Hz (double)
SPL, IEC268-5, 1W/1m	91,0 dB
Sensitivity EN54-24, Pmax/4m	85,0 dB (single) 88,0 dB (double)
Sensitivity EN54-24, 1W/4m	79,6 dB
Sensitivity EN54-24, 1W/1m	91,6 dB
Sensitivity 1W/1m @ 1KHz	98 dB
Dispersion -6dB, 500Hz	single h/v 175° double h/v 180°
Dispersion -6dB, 1KHz	single h/v 180°/160° double h/v 145°/130°
Dispersion -6dB, 2KHz	single h/v 150°/135° double h/v 90°/80°
Dispersion -6dB, 4KHz	single h/v 105°/90° double h/v 50°/40°

## TECHNICAL DATA (MECHANICAL)

Dimensions	252x194x82 mm
IP Rating	IP54
Weight (net)	2,24 kg
Temperature range	-10 / +55 C°
Connector	2-pin ceramic block
Mounting	spring clamp
Connector	2-pin ceramic block
Terminal diameter	3,2 mm
Maximum cable cross section	8mm <sup>2</sup>
Colour	white

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