50 Watts Column Loudspeaker
CLS-50W-AL

CLS-50W-AL

made in Germany

- Aluminium housing
- Weather proof
- BS 5839

CE
22

EN 54-24:2008
Ref. Nr.: 006-13
ID-Code: SAA-LS06
1438/CPD/0315

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CE-Symbol gemäß Richtlinie 93/68EWG

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The 50W powered speaker is equipped with eight 77mm full-range loudspeaker chassis and a 100V transformer with 4 power adjustments. The powder coated and shock-resistant aluminium housing in RAL 9006 guarantees long-term stability. For additional reliability, a 2 pin-ceramic block, a thermal fuse is provided and the speaker chassis is impregnated against wetness. Furthermore sturdy cable glands 2 x PG9 are also provided.

The speaker is also secured with the high protection class IP 66 against the security risks of environmental influences.

The speaker is compliant with the British Standard BS 5839, Part 8.

The easy mounting with the included swivel bracket provides much flexibilty for the installation. Special paint of the speaker in 4-digit RAL- or NCS- colour available at extra cost.

The ball proof compliance of the sound column can only be guaranteed if a wall bracket is used. This can be ordered separately.

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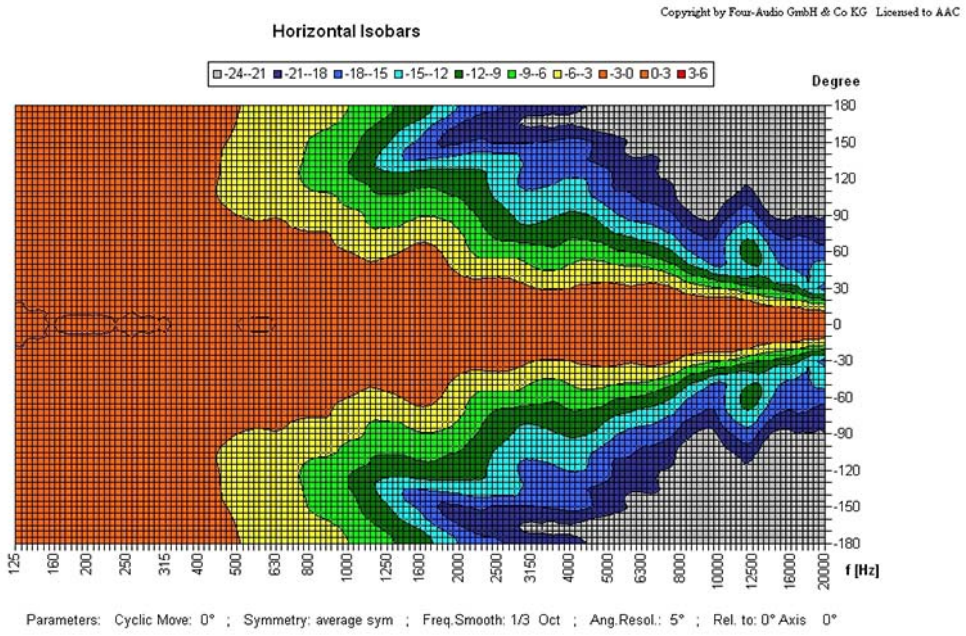
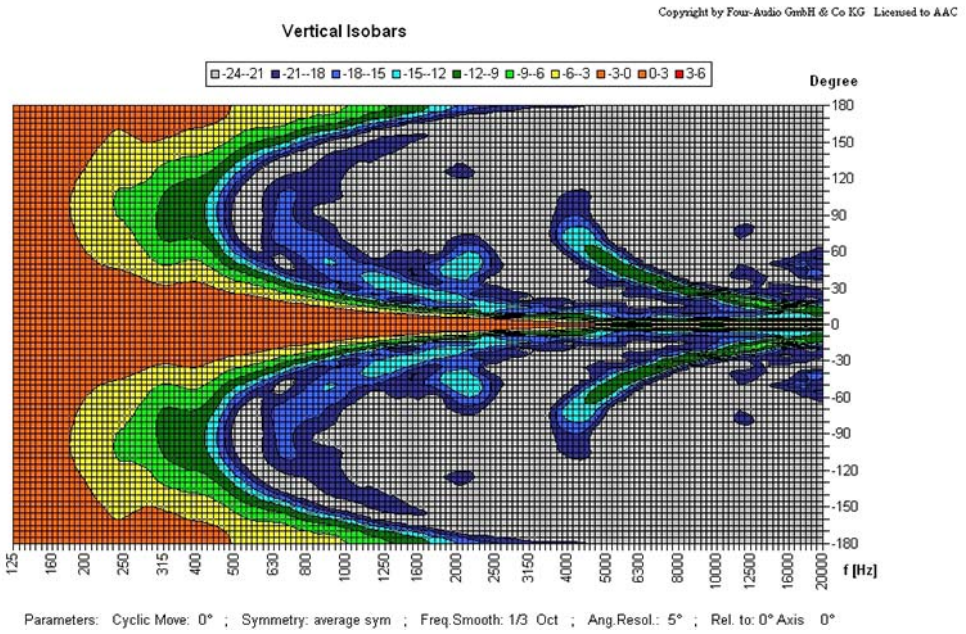
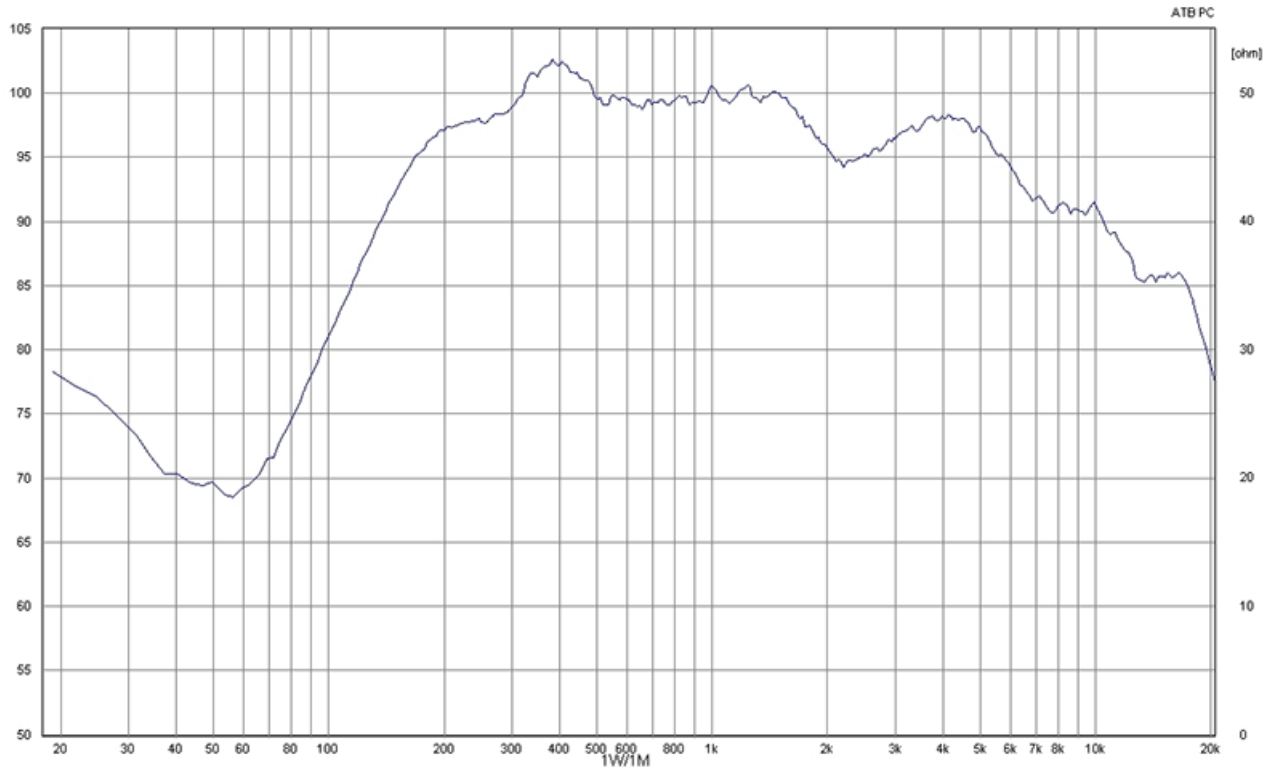
Polar Diagrams





Frequency Response Diagrams



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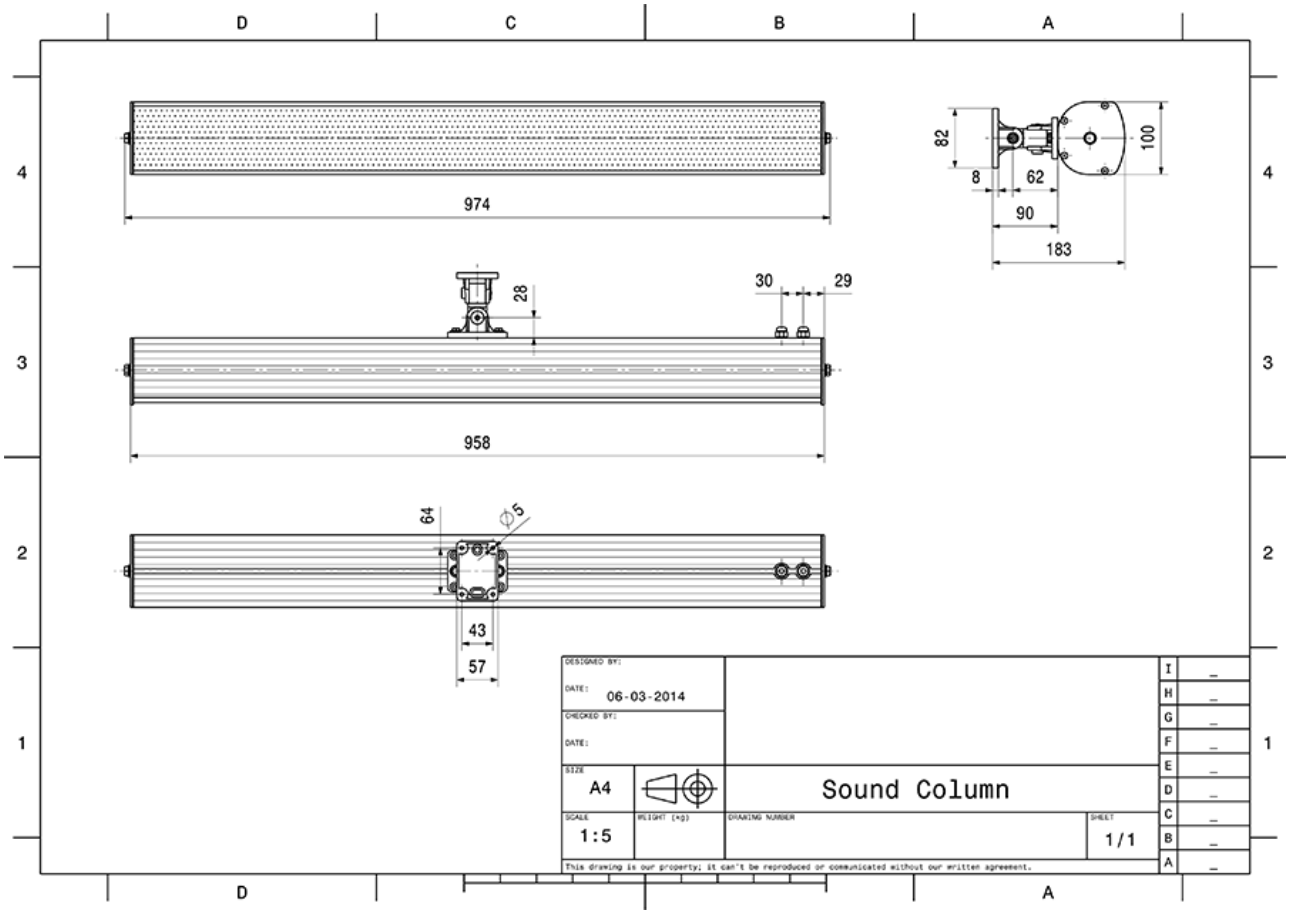
Technical Diagrams



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Technical Data (Electrical)

Description	CLS-50W-AL
Power	50/30/15/7,5 W
Impedance (100V)	200/333/667/1333 ohm
Frequency Range	250 - 15.800 Hz
Frequency Response	110 - 18.000 Hz
SPL, IEC268-5, 1W/1m	95 dB
SPL, rated noise power / 4m	97,0 dB
Sensitivity EN54-24, 1W/4m	82,7 dB
Sensitivity EN54-24, 1W/1m	94,7 dB
Dispersion -6dB, 500Hz	h=360°, v=73°
Dispersion -6dB, 1KHz	h=186°, v=33°
Dispersion -6dB, 2KHz	h=173°, v=17°
Dispersion -6dB, 4KHz	h=98°, v=6°

Technical Data (Mechanical)

Dimensions	971x100x92 mm
IP Rating	IP66
Weight (net)	5,20 kg
Temperature range	-25 / +70 C°
Mounting	Swivel bracket
Connector	2-pin ceramic block
Maximum cable cross section	8mm²
Max. cable cross section loop	2x2mm²
Colour	RAL 9006

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