



WU-AB 06-100/T-EN54

- Quick mounting
- Highest reliability
- BS 5839

EN54

CE
15

EN 54-24:2008
Ref. Nr.: 009-15
ID-Code: SAA-LS09
1438-CPR-0270

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CE-Symbol gemäß Richtlinie 93/68EWG

The WU-AB 06-100/T-EN54 is designed with two independent speakers and 100V transformers to enable the economic operation of two separate speaker lines (A/B lines) for the 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 compliant with the British Standard BS 5839, Part 8.

The 2 x 6W powered speaker is equipped with two full-range loudspeakers and two 100V transformers with 3 power adjustments each. For additional reliability, a 2x2-pin ceramic block and thermal fuses are provided, and the speaker chassis is impregnated against wetness. The speaker is also secured with protection class IP 21C against the security risks of environmental influences.

The connecting cables can be supplied through 2 rubber grommets on each side of the rear housing. Quick and easy mounting with screws.

Product	WU-AB 06-100/T-EN54
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Acoustics

Power	2x6/3/1,5 W
Impedance (100V)	2 x 1667/3333/6667 ohm
Speaker ø	100 mm
Frequency Range	126 - 12.300 Hz (single) | 139 - 12.200 Hz (double)
Frequency Response	93 - 15.400 Hz (single) | 106 - 15.400 Hz (double)
SPL 1W/1m, peak	95,7 dB (single) | 101,6 dB (double)
SPL 1W/4m, peak	83,7 dB (single) | 89,6 dB (double)
SPL Pmax/4m, peak	91,4 dB (single) | 97,3 dB (double)
SPL IEC268-5, 1W/1m	89,0 dB (single) | 92,0 dB (double)
SPL IEC268-5, Pmax/1m	96,8 dB (single) | 99,8 dB (double)
Sensitivity EN54-24, 1W/1m	89,0 dB (single) | 92,0 dB (double)
Sensitivity EN54-24, 1W/4m	77,0 dB (single) | 80,0 dB (double)
Dispersion -6dB, 500Hz	180°/ 175° h/v (single) | 180°/175° h/v (double)
Dispersion -6dB, 1KHz	160° h/v (single) | 160°/150° h/v (double)
Dispersion -6dB, 2KHz	160°/150° h/v (single) | 100°/75° h/v (double)
Dispersion -6dB, 4KHz	120°/60° h/v (single) | 40°/35° h/v (double)

Connections and Housing

Connector	2-pin ceramic block
Temperature Range	-10 / +55 °C
Type A/B	A
Dimensions	255x195x88 mm
Weight (net)	1,57 kg
Housing	ABS
Colour	RAL 9010
Mounting	Screws
IP Rating	IP21

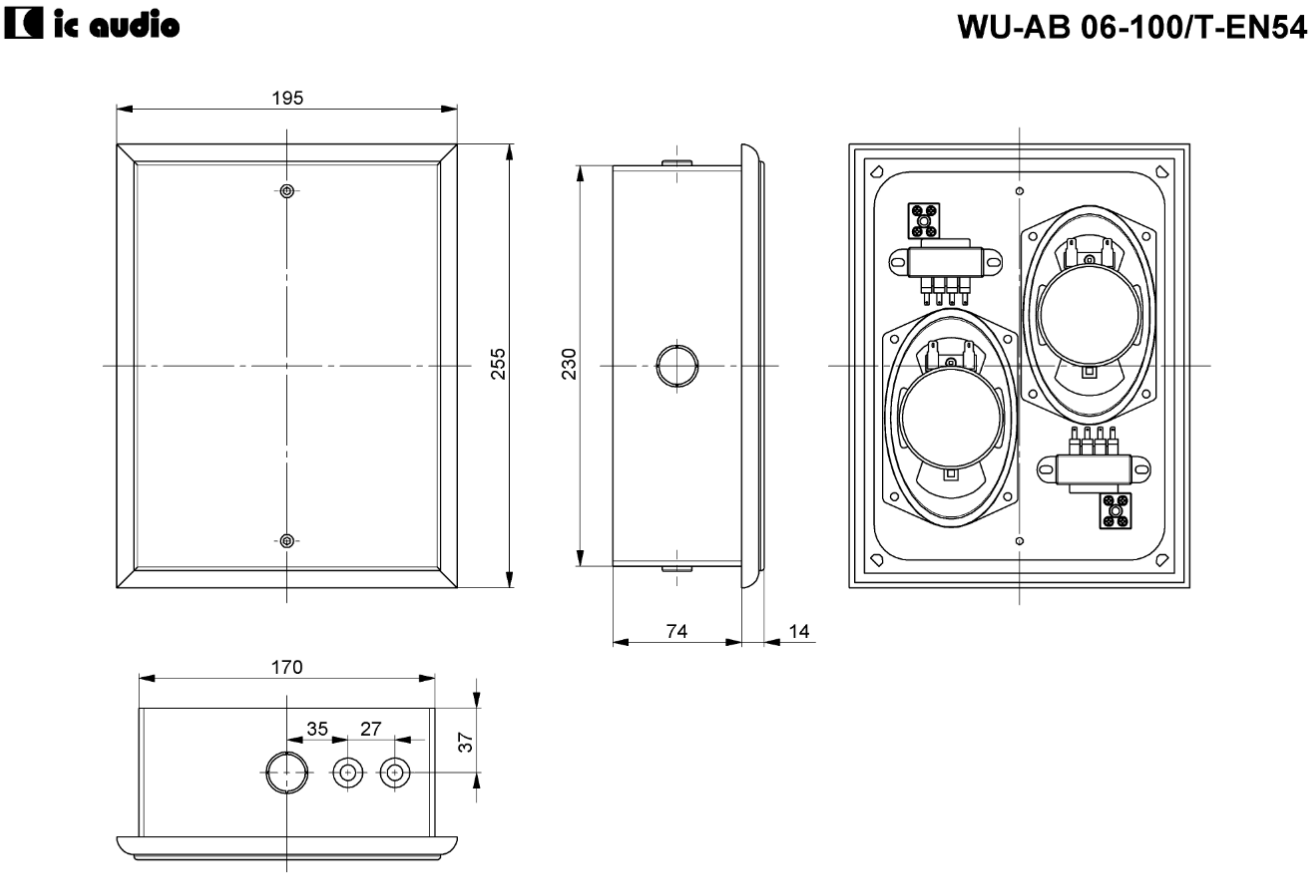
Certification

Ref. Nr.	009-15
ID-Code	SAA-LS09
Certificate Number	1438-CPR-0270

Product Attributes

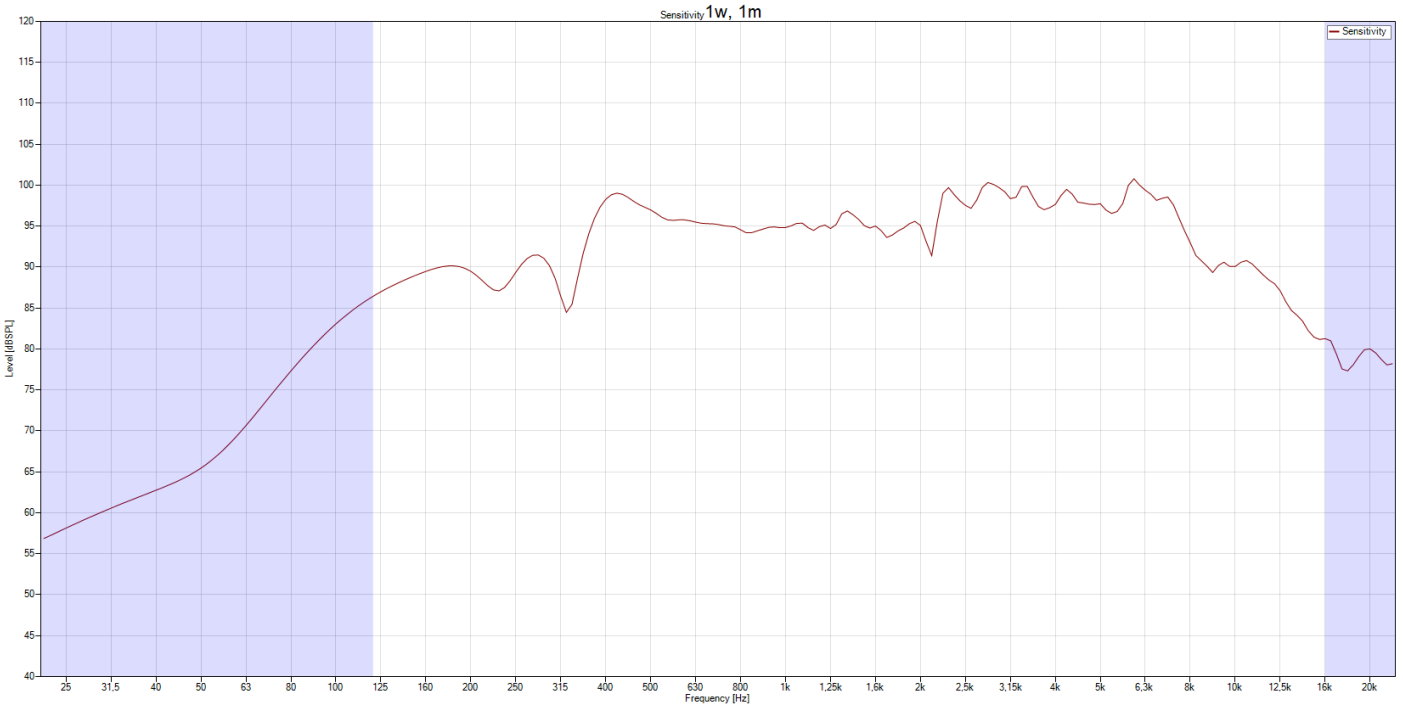


Technical Drawing

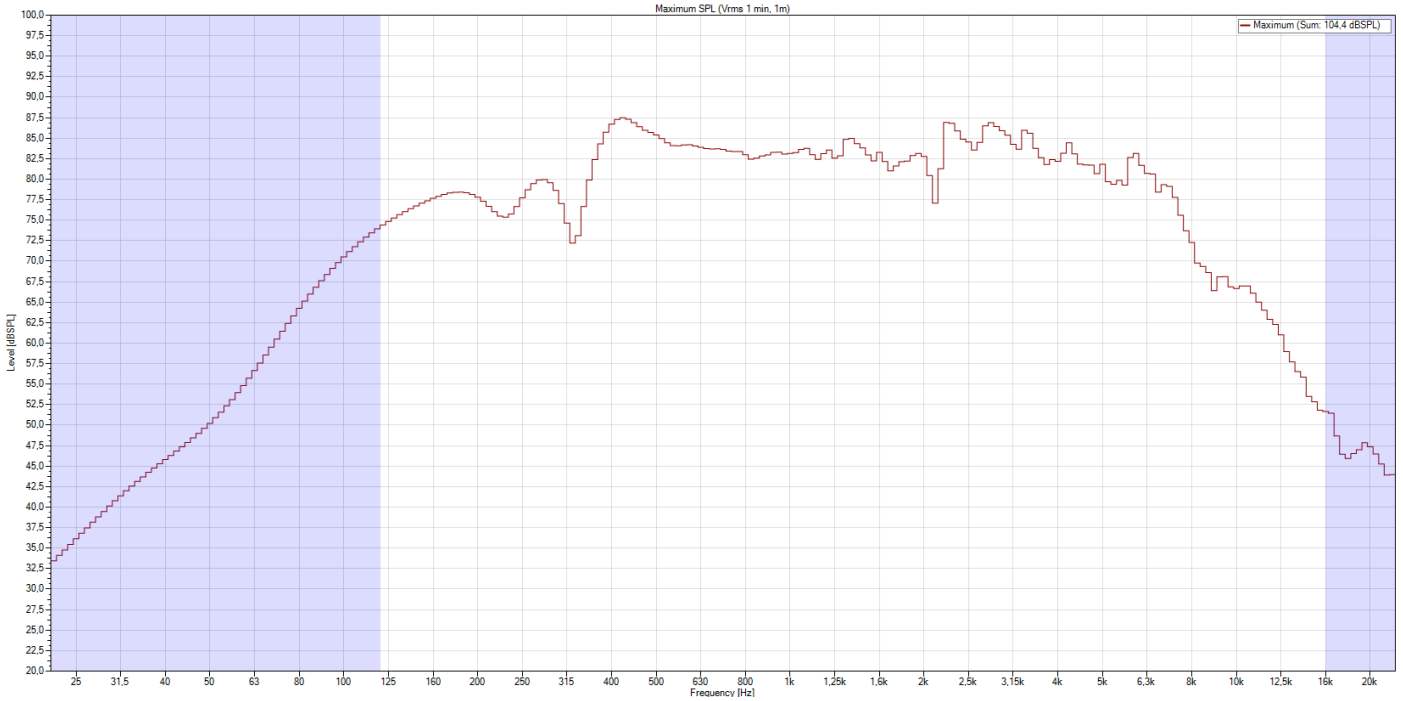


Frequency Response Diagram

Sensitivity

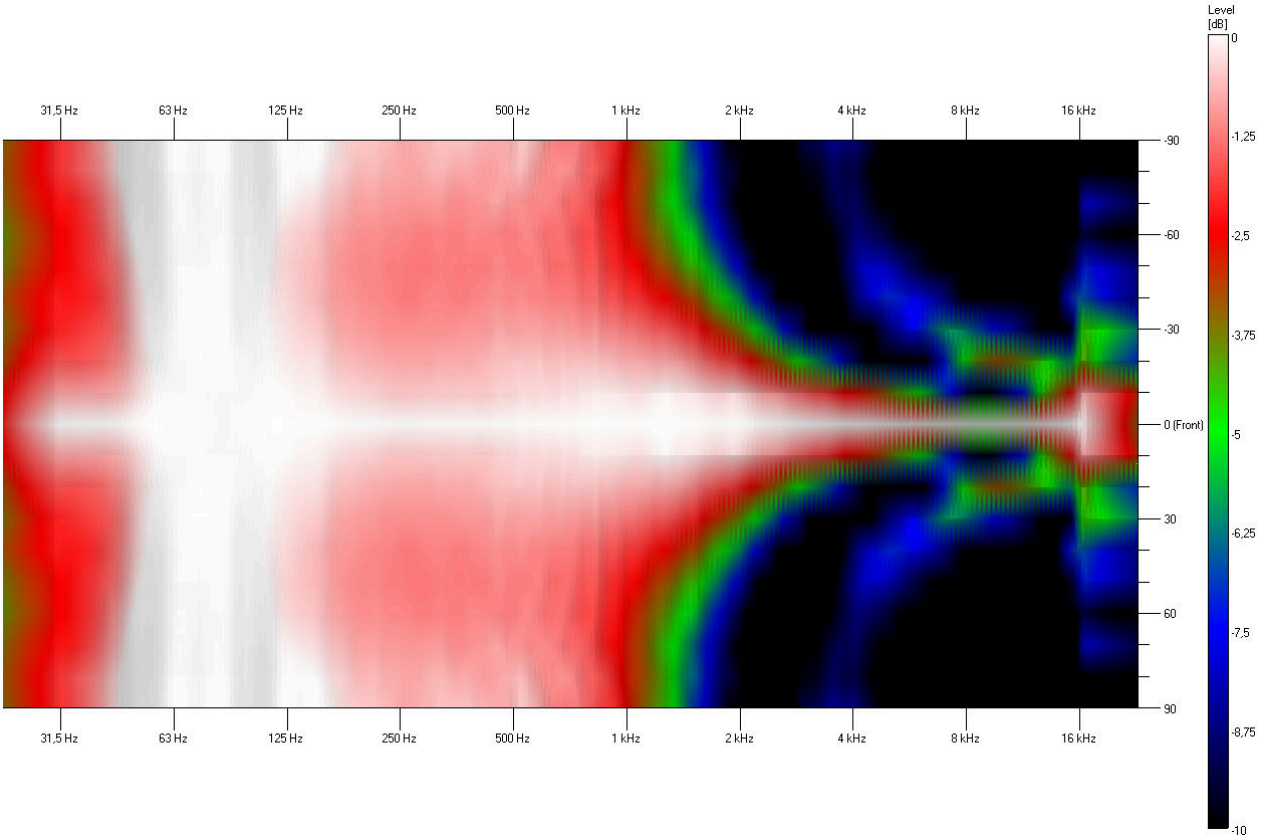


SPL Max

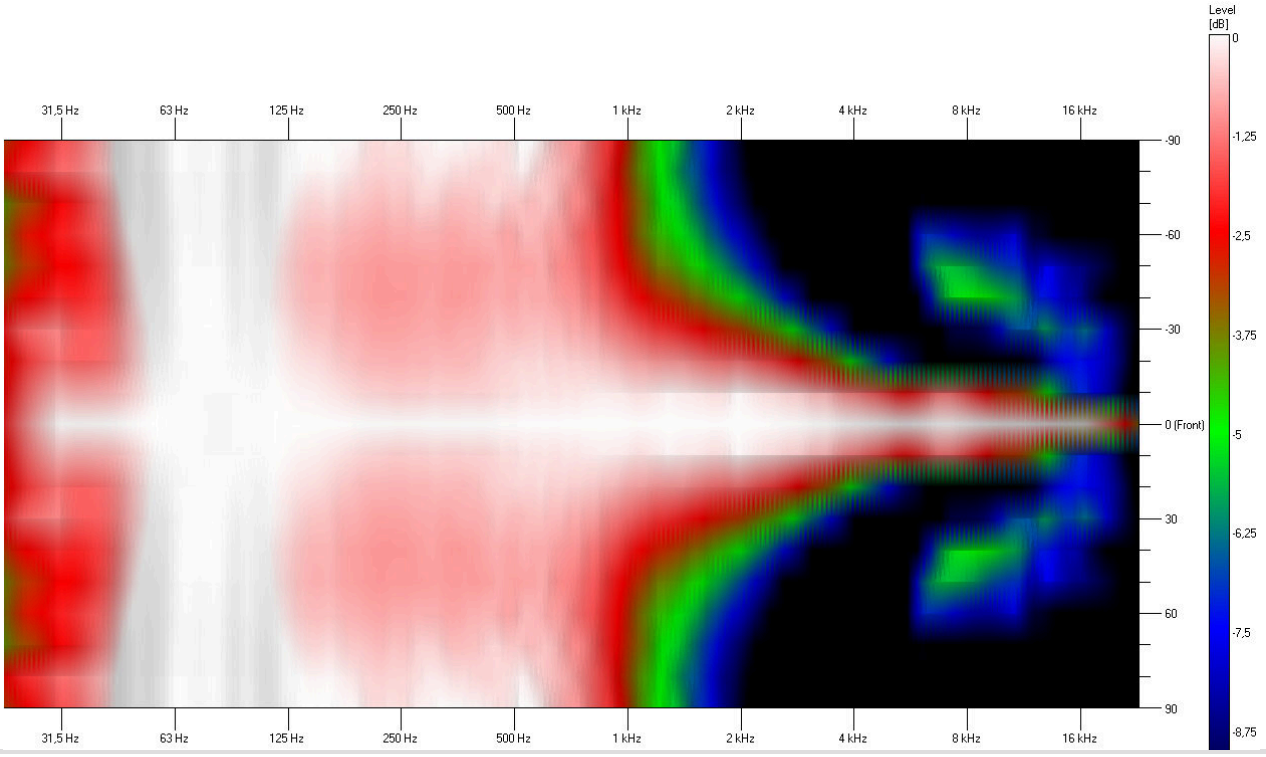


Isobar

Horizontal

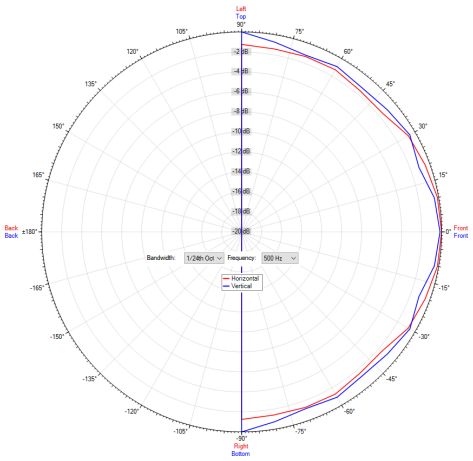


Vertical

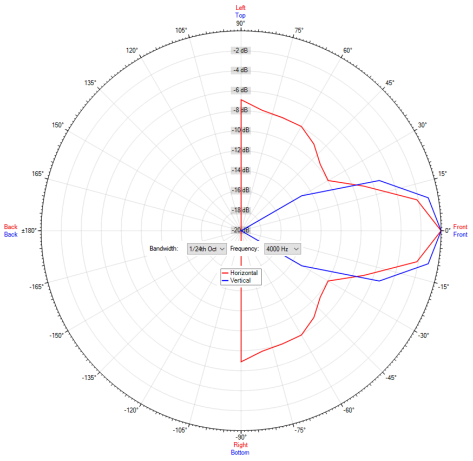


Polar Diagram

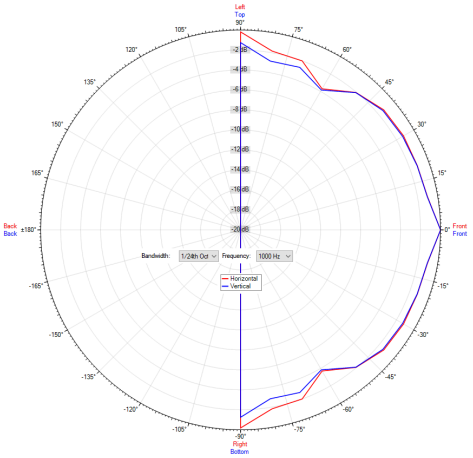
Polar Diagram 500Hz



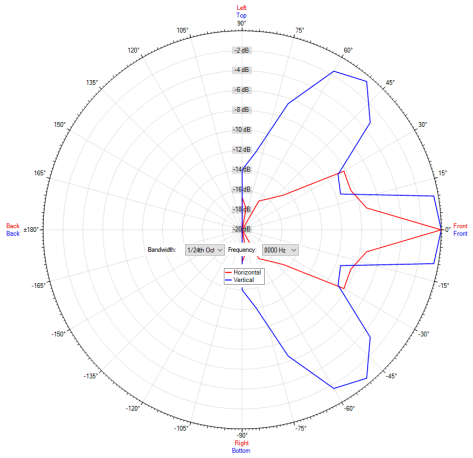
Polar Diagram 4000Hz



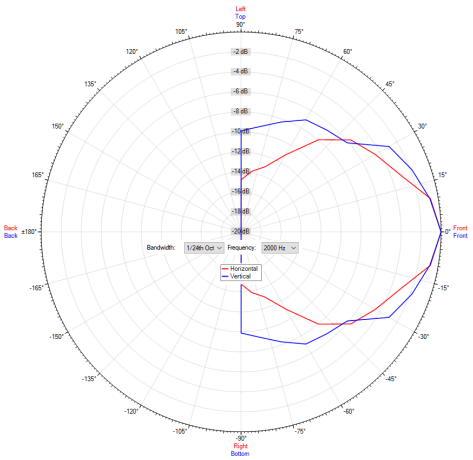
Polar Diagram 1000Hz



Polar Diagram 8000Hz



Polar Diagram 2000Hz



ic audio loudspeakers are tested and classified according to the IEC standard 60529 (degree of protection by enclosure) against the penetration of foreign objects and moisture. The classification is conforming to standards through characterization with a fixed code. This code consists of the letters IP (International Protection) followed by two digits. The first digit indicates the degree of protection against dust and the second digit the degree of protection against water. Please note that the testing of the products has been carried out in laboratory conditions which are not always 100% comparable with the conditions of different installation environments. This protection can be reduced due to normal wear and tear depending on the installation environment.

RoHS compliant (2011/65/EU)

The IP rating specified is based on ic audio test results, not on CNBOP-PIB test results. Certification only verifies the minimum requirements for EN54-24 compliance.

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Packing Unit: 8