



DL-SE-AB 06-200/T-EN54

- frameless design
- suitable for very thin ceilings
- WAGO 221 connector

EN54

CE
25

EN 54-24:2008
Ref. Nr.: 001-35
ID-Code: SAA-LS35
1438-CPR-0642

ic audio GmbH, Boehringerstraße 14a,
68307 Mannheim, Germany

CE-Symbol gemäß Richtlinie 93/68EWG

The DL-SE-AB 06-200/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 speakers and the transformers will guarantee unimpaired function.

The 2x6W powered speaker is equipped with two full-range loudspeakers and two 100V transformers with 3 power adjustments each. The powder-coated metal in RAL 9016 guarantees long-term stability. For additional reliability, the speaker is impregnated against wetness. The speaker is also secured with protection class IP 21C against the security risks of environmental influences.

Fast and easy installation by WAGO 221 connector and strong spring clamps with protective caps for vibration damping. The connection cables can be fed to the loudspeaker via the rubber grommets in the fire dome.

Product	DL-SE-AB 06-200/T-EN54
Artikel Nr.	20248555

Acoustics

Power	2x 6/3 /1.5 W
Impedance (100V)	2x 1667/3333 / 6667 ohm
Speaker ø	200 mm
Frequency Range	90 ~ 17.000 Hz (single) | 100 ~ 19.500 Hz (double)
Frequency Response	80 ~ 20.000 Hz (single) | 90 ~ 20.500 Hz (double)
SPL 1W/1m, peak	89,5 dB (single) | 92,3 (double)
SPL 1W/4m, peak	77,5 dB (single) | 80,3 dB (double)
SPL Pmax/4m, peak	85,0 dB (single) | 88,0 dB (double)
SPL IEC268-5, 1W/1m	86,0 dB | 90,0 dB (double)
SPL IEC268-5, Pmax/1m	92,6 (single) | 98,3 (double)
Sensitivity EN54-24, 1W/1m	85,0 dB (single) | 87,7 dB (double)
Sensitivity EN54-24, 1W/4m	73,0 dB (single) | 75,7 dB (double)
Dispersion -6dB, 500Hz	180° h/v (s/d)
Dispersion -6dB, 1KHz	180° h/v (s/d)
Dispersion -6dB, 2KHz	180° h/v (single) | 84°/187° h/v (double)
Dispersion -6dB, 4KHz	134°/98° h/v (single) | 41°/97° h/v (double)

Connections and Housing

Temperature Range	-10 / +55 °C
Type A/B	A
Dimensions	265x89 mm
Ceiling Cut-out	245 mm
Weight (net)	1,54 kg
Housing	metal
Colour	RAL 9016
Mounting	Spring clamps
IP Rating	IP21

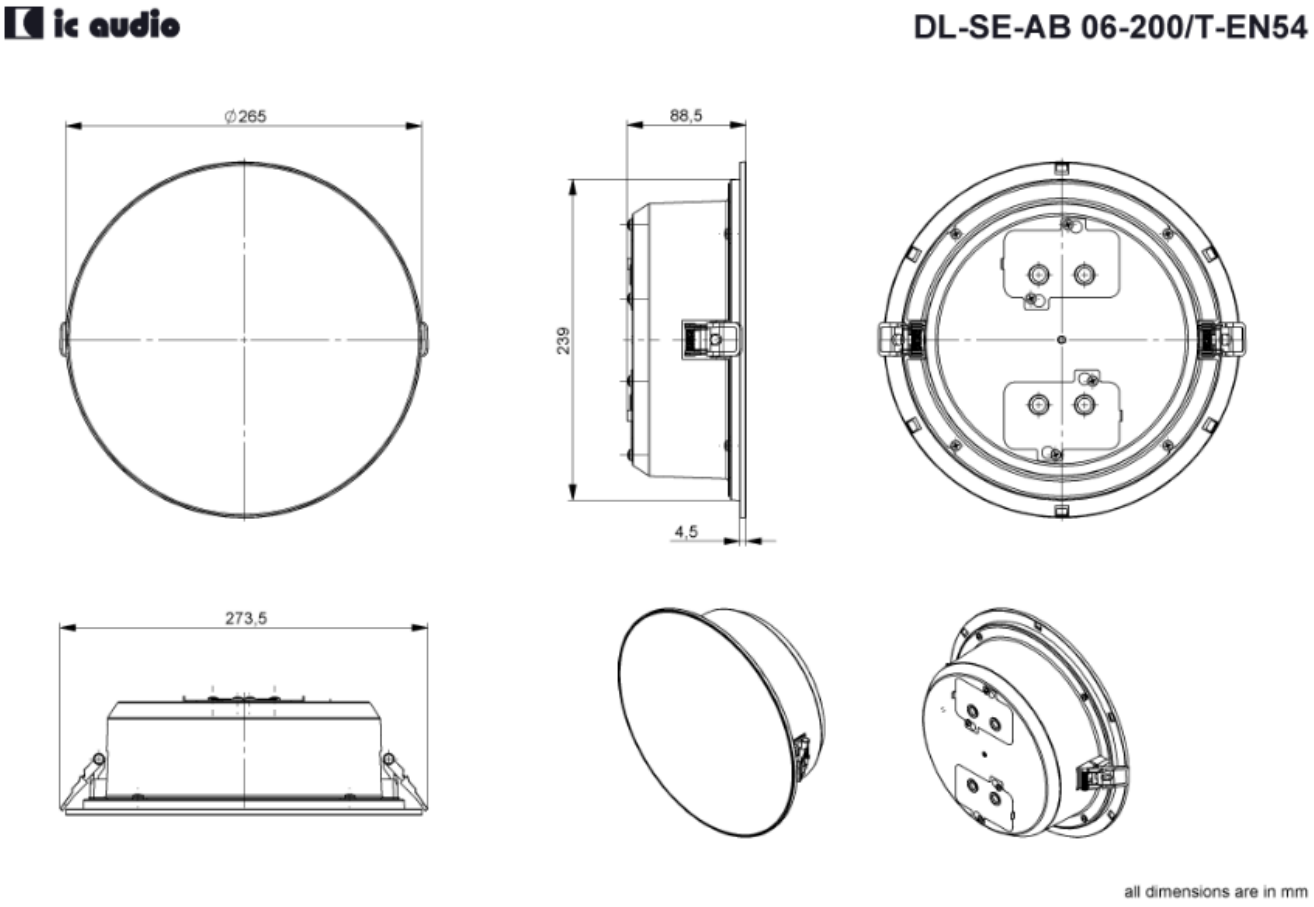
Certification

Ref. Nr.	001-35
ID-Code	SAA-LS35
Certificate Number	1438-CPR-0642

Product Attributes

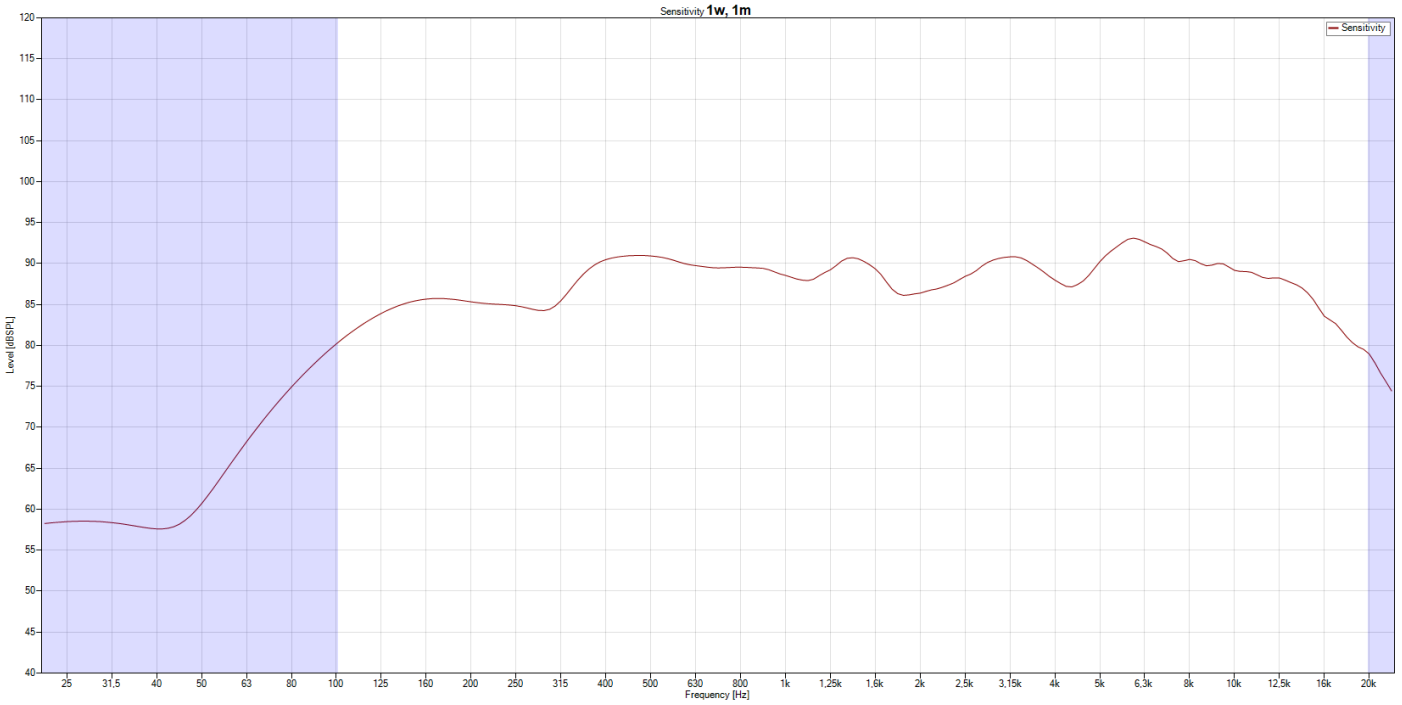


Technical Drawing

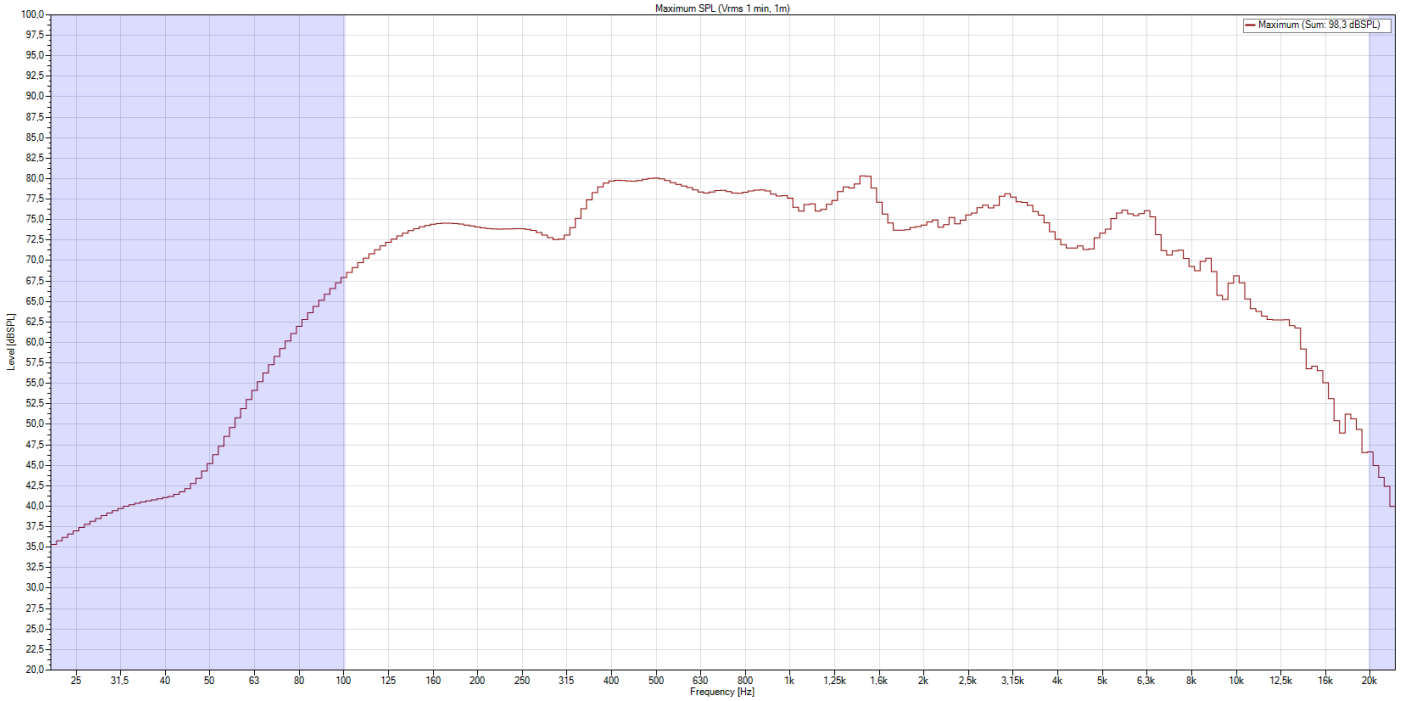


Frequency Response Diagram

Sensitivity

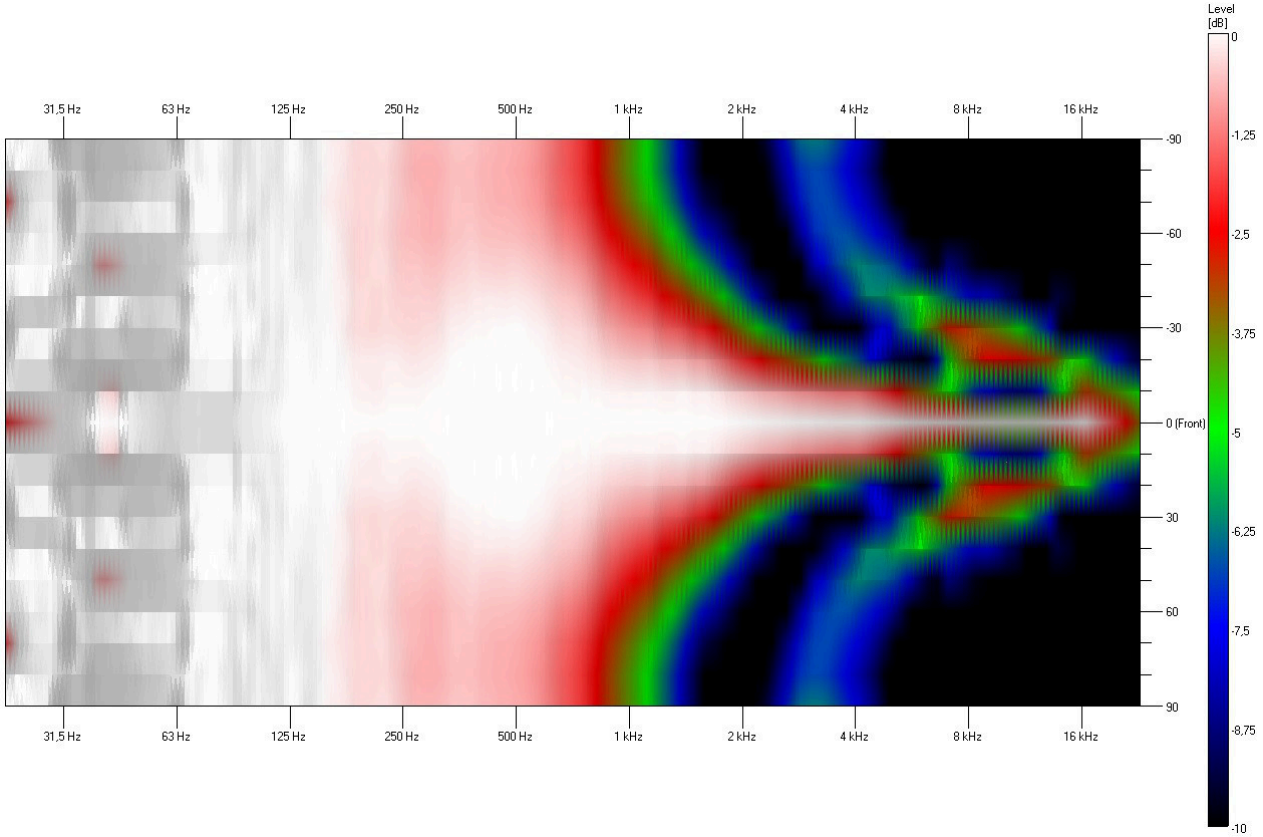


SPL Max

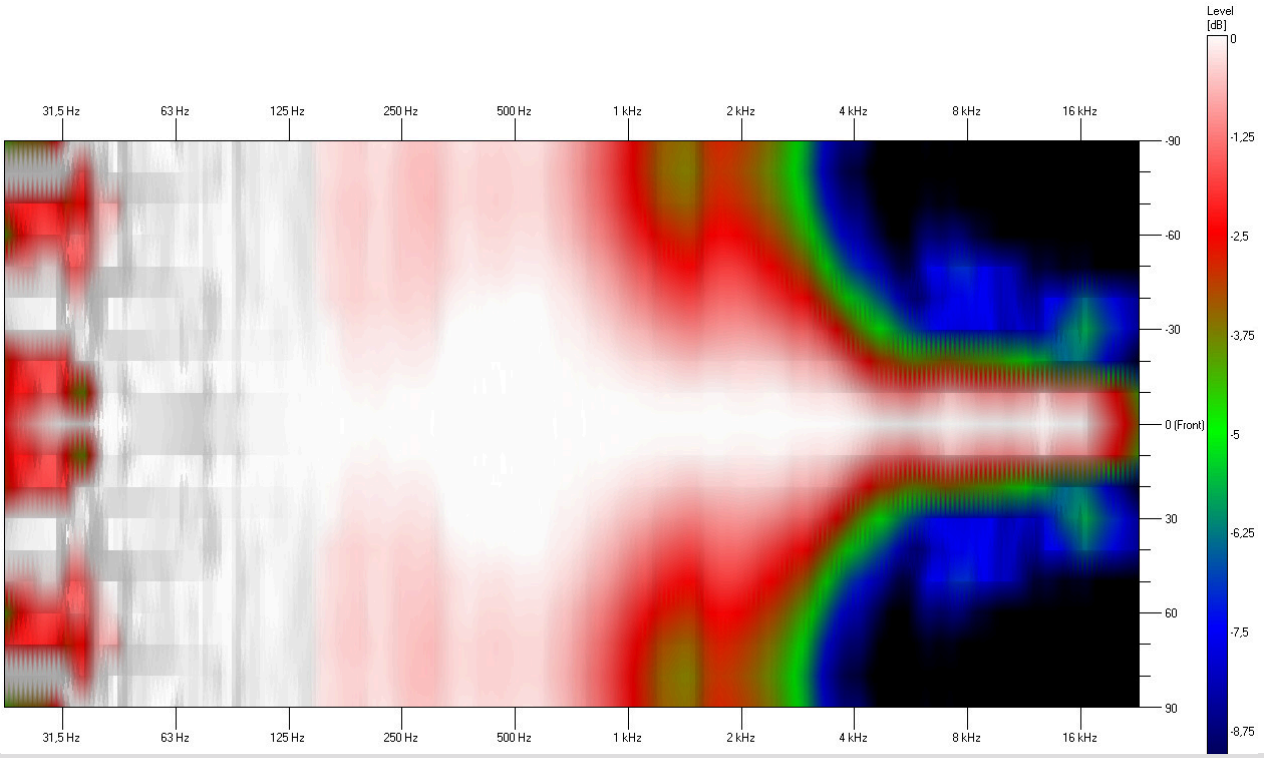


Isobar

Horizontal

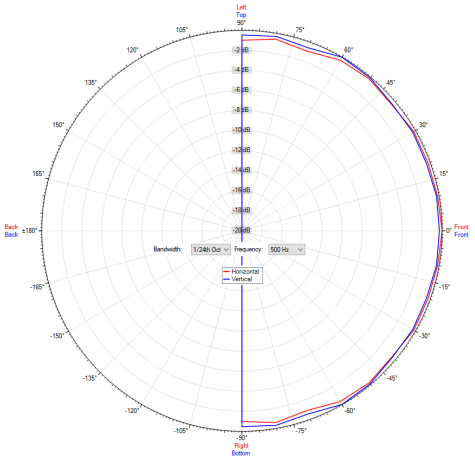


Vertical

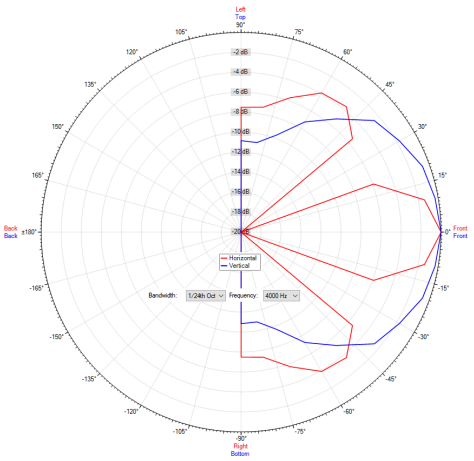


Polar Diagram

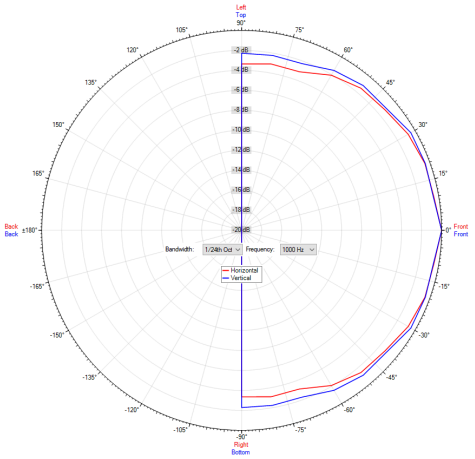
Polar Diagram 500Hz



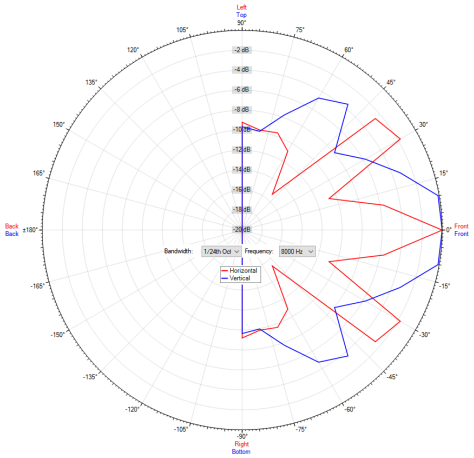
Polar Diagram 4000Hz



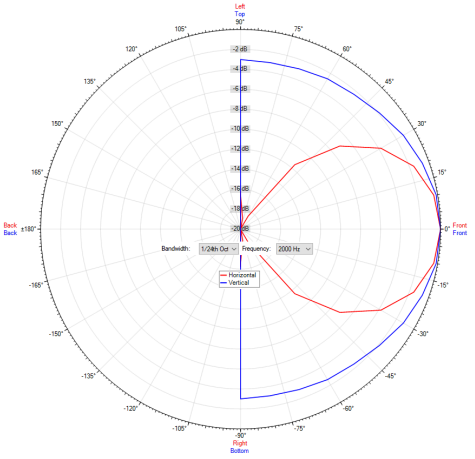
Polar Diagram 1000Hz



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