



DL-SE 06-66/T-EN54

- quick mounting
- frameless design
- UV-resistant

EN54

CE
24

EN 54-24:2008
Ref. Nr.: 052-26
ID-Code: SAA-LS62
1438-CPR-1262

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

CE-Symbol gemäß Richtlinie 93/68EWG

The 6W powered speaker is equipped with a 66mm full-range loudspeaker and a 100V transformer with 3 power adjustments. The powder-coated metal version with a perforated grid cover in RAL 9016 guarantees lasting stability.

The loudspeaker is also protected against the risks of environmental influences with protection class IP 21. Fast and uncomplicated installation through spring snap lock with short clamping distance and WAGO connection terminal.

Special speaker finish in 4-digit RAL colour is available at extra costs. The fire dome is included in the delivery.

This speaker is suitable for a ceiling strength of about 2-45 mm. Our specification is primarily related to solid ceilings, for ceilings with soft materials higher ceiling thicknesses could be necessary. In addition, stronger cables and other fittings may also result in changes in the appropriate setup. With regard to the variety of materials and manufacturers, we recommend building a sample of the speaker to match the requirements accurately.

Product	DL-SE 06-66/T-EN54
Artikel Nr.	20238082

Acoustics

Power	6/3/1,5 W
Impedance (100V)	1667/3333/6667 ohm
Speaker ø	66 mm
Frequency Range	250 - 16.000 Hz
Frequency Response	220 - 17.000 Hz
SPL 1W/1m, peak	91,3 dB
SPL 1W/4m, peak	79,3 dB
SPL Pmax/4m, peak	75,0 dB
SPL IEC268-5, 1W/1m	88,0 dB
SPL IEC268-5, Pmax/1m	92,8 dB
Sensitivity EN54-24, 1W/1m	85,3 dB
Sensitivity EN54-24, 1W/4m	73,3 dB
Dispersion -6dB, 500Hz	180° h/v
Dispersion -6dB, 1KHz	180° h/v
Dispersion -6dB, 2KHz	180° h/v
Dispersion -6dB, 4KHz	127° h/v

Connections and Housing

Connector	WAGO 221 connector
Terminal Diameter	2,3 mm
Maximum Cable Passage	4,0 mm²
Temperature Range	-10 / +55 C°
Type A/B	A
Dimensions	105x83 mm
Ceiling Cut-out	90 mm
Weight (net)	0,47kg
Housing	metal
Colour	RAL 9016
Mounting	spring clamp
IP Rating	IP21

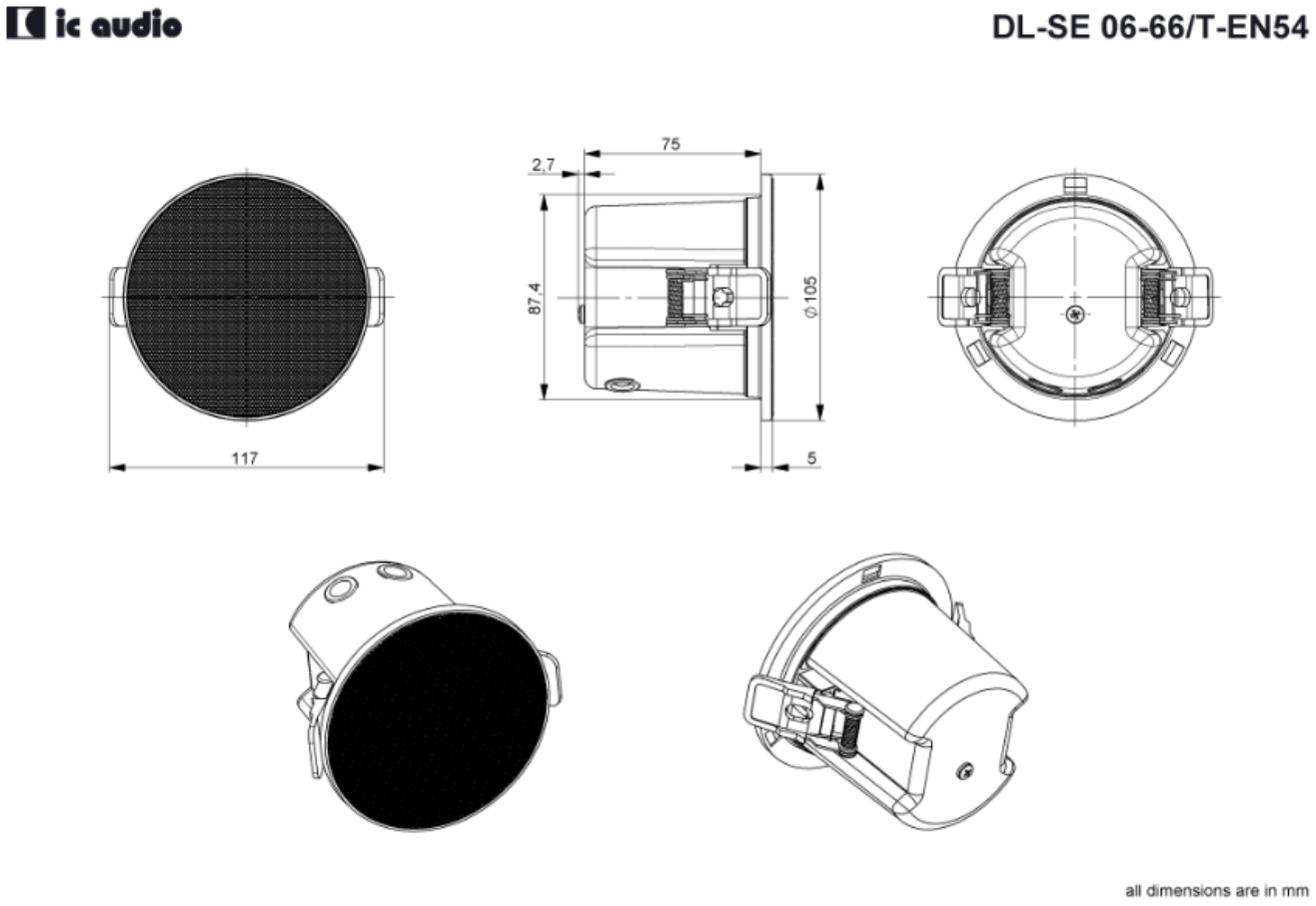
Certification

Ref. Nr.	052-26
ID-Code	SAA-LS62
Certificate Number	1438-CPR-1262

Product Attributes

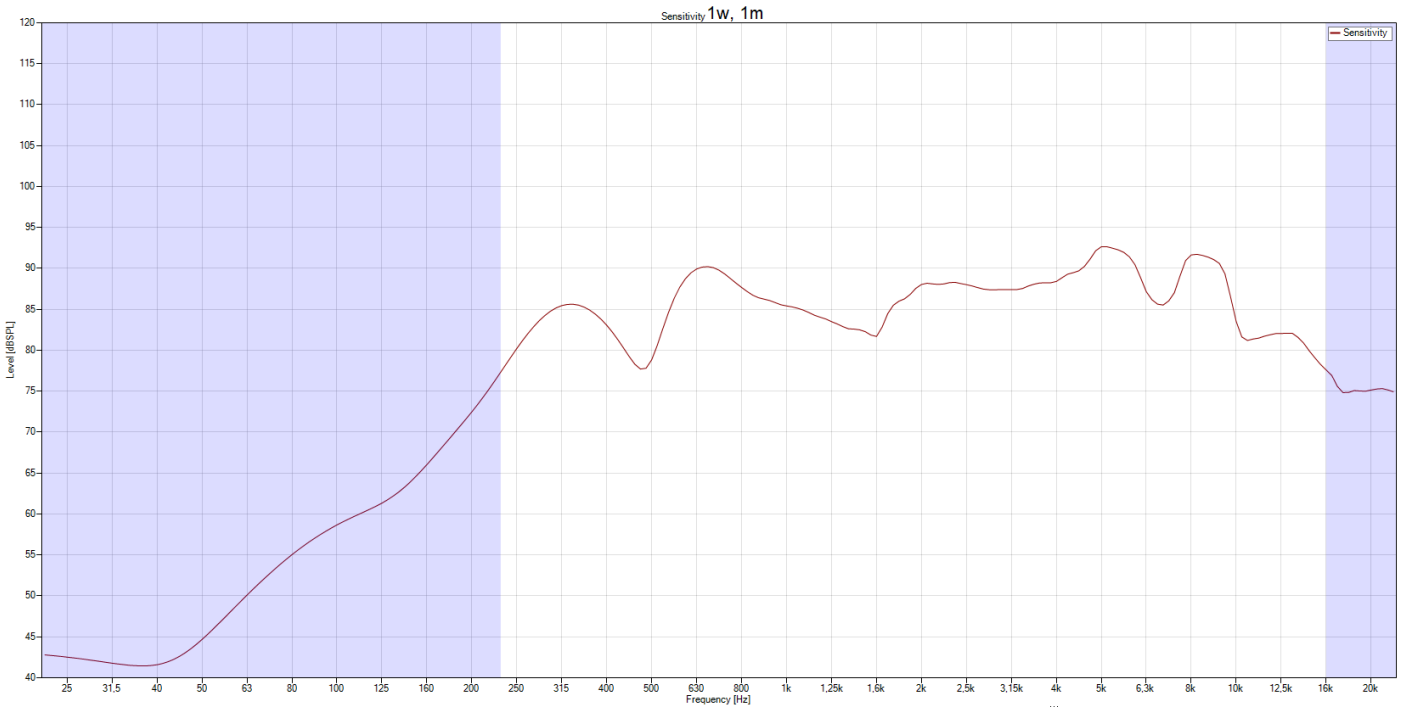


Technical Drawing

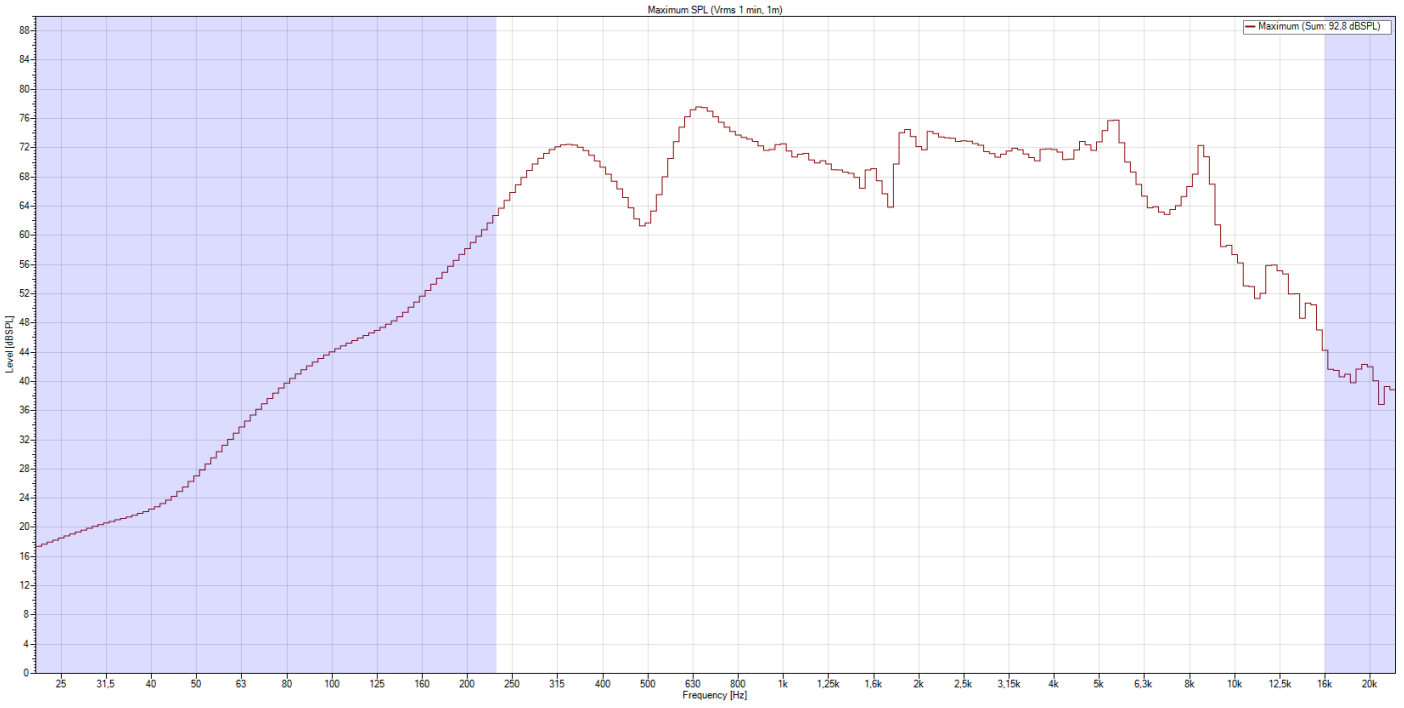


Frequency Response Diagram

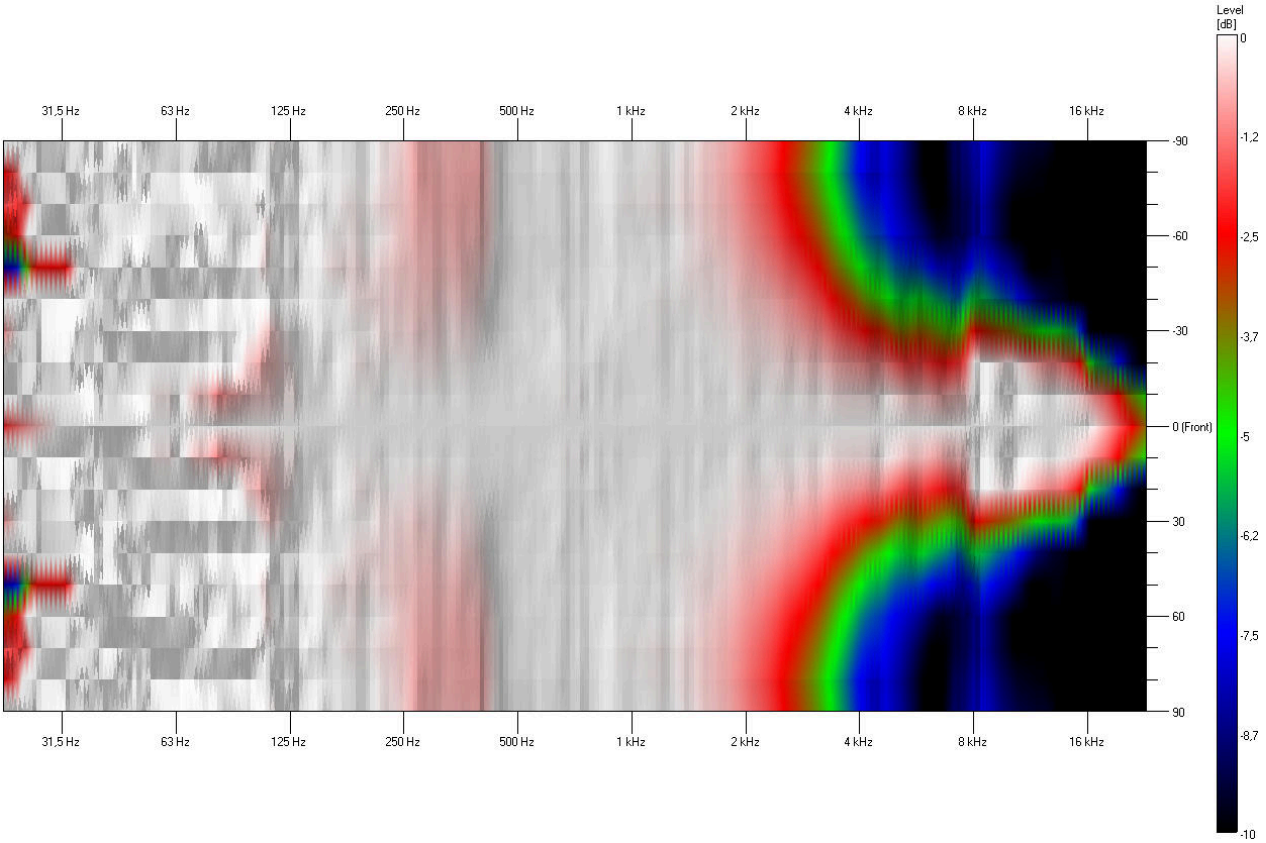
Sensitivity



SPL Max

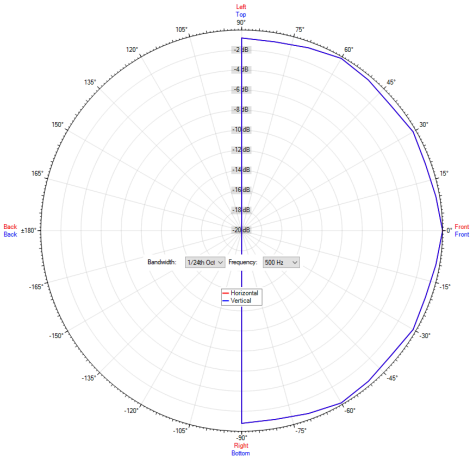


Isobar

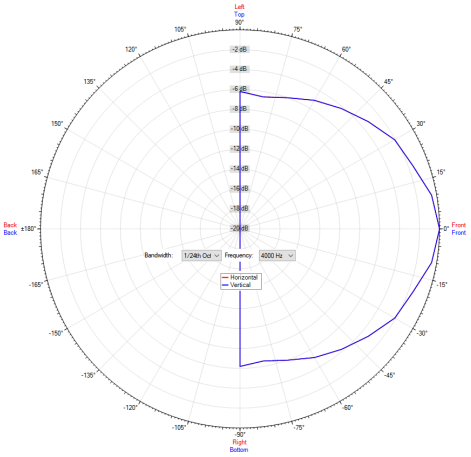

Level [dB]
0
-1,2
-2,5
-3,7
-5
-6,2
-7,5
-8,7
-10
31,5 Hz
63 Hz
125 Hz
250 Hz
500 Hz
1 kHz
2 kHz
4 kHz
8 kHz
16 kHz
-90
-60
-30
0 (Front)
30
60
90

Polar Diagram

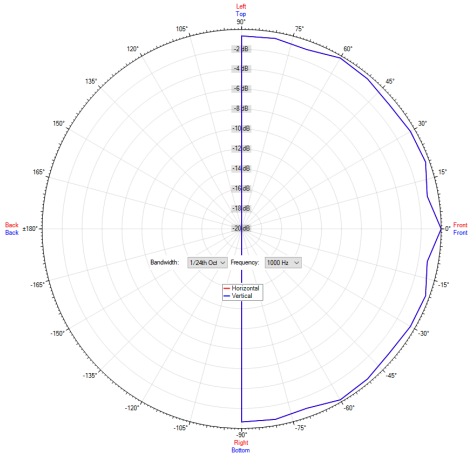
Polar Diagram 500Hz



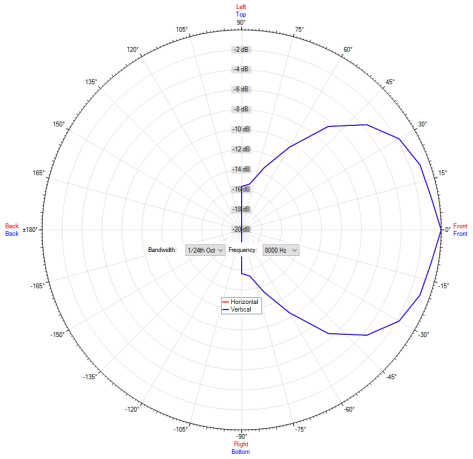
Polar Diagram 4000Hz



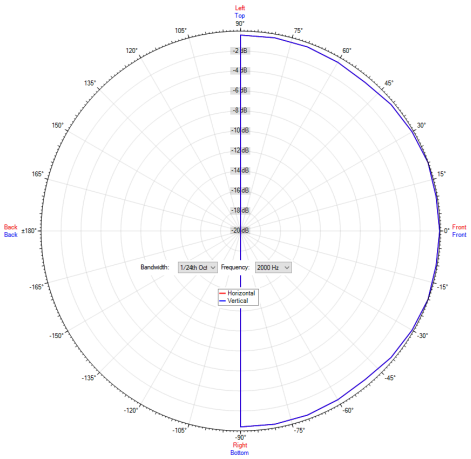
Polar Diagram 1000Hz



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.

Artikel Nr. : 20238082
Packing Unit: 12

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