



DL 06-77/T-EN54

- quick mounting
- shock-resistant housing
- compact design



EN 54-24:2008

Ref. Nr.: 001-13

ID-Code: SAA-LS01

1438-CPR-0434

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68307 Mannheim, Germany

CE-Symbol gemäß Richtlinie 93/68EWG

The 6W powered speaker is equipped with a 77mm 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. For additional reliability, a thermal fuse is provided and the speaker is impregnated against wetness. The speaker is also secured with protection class IP 21C against the security risks of environmental influences. Quick and easy mounting with spring clamps and short tension distance. The connecting cables can be supplied by a 4-pin screw terminal at the rear of the fire dome.

Special paint of the speaker in 4-digit RAL- or NCS-colour available at extra cost.

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 06-77/T-EN54
Artikel Nr.	20142906

Acoustics

Power	6/3/1,5 W
Impedance (100V)	1667/3333/6667 ohm
Speaker ø	77 mm
Frequency Range	98 - 20.000 Hz
Frequency Response	93 - 20.100 Hz
SPL 1W/1m, peak	84,6 dB
SPL 1W/4m, peak	72,6 dB
SPL Pmax/4m, peak	80,3 dB
SPL IEC268-5, 1W/1m	80,0 dB
Sensitivity EN54-24, 1W/1m	80,4 dB
Sensitivity EN54-24, 1W/4m	68,4 dB
Dispersion -6dB, 500Hz	h/v 180°
Dispersion -6dB, 1KHz	h/v 180°
Dispersion -6dB, 2KHz	h/v 180°
Dispersion -6dB, 4KHz	h/v 81°

Connections and Housing

Connector	4-pin screw terminal
Terminal Diameter	2,5 mm
Maximum Cable Passage	4,9 mm ²
Max. cable cross section loop	2x1,2 mm ²
Temperature Range	-10 / +55 C°
Type A/B	A
Dimensions	104x100,5 mm
Ceiling Cut-out	86 mm
Weight (net)	0,64 kg
Housing	metal
Colour	RAL 9016
Mounting	Quick fit mounting
IP Rating	IP21

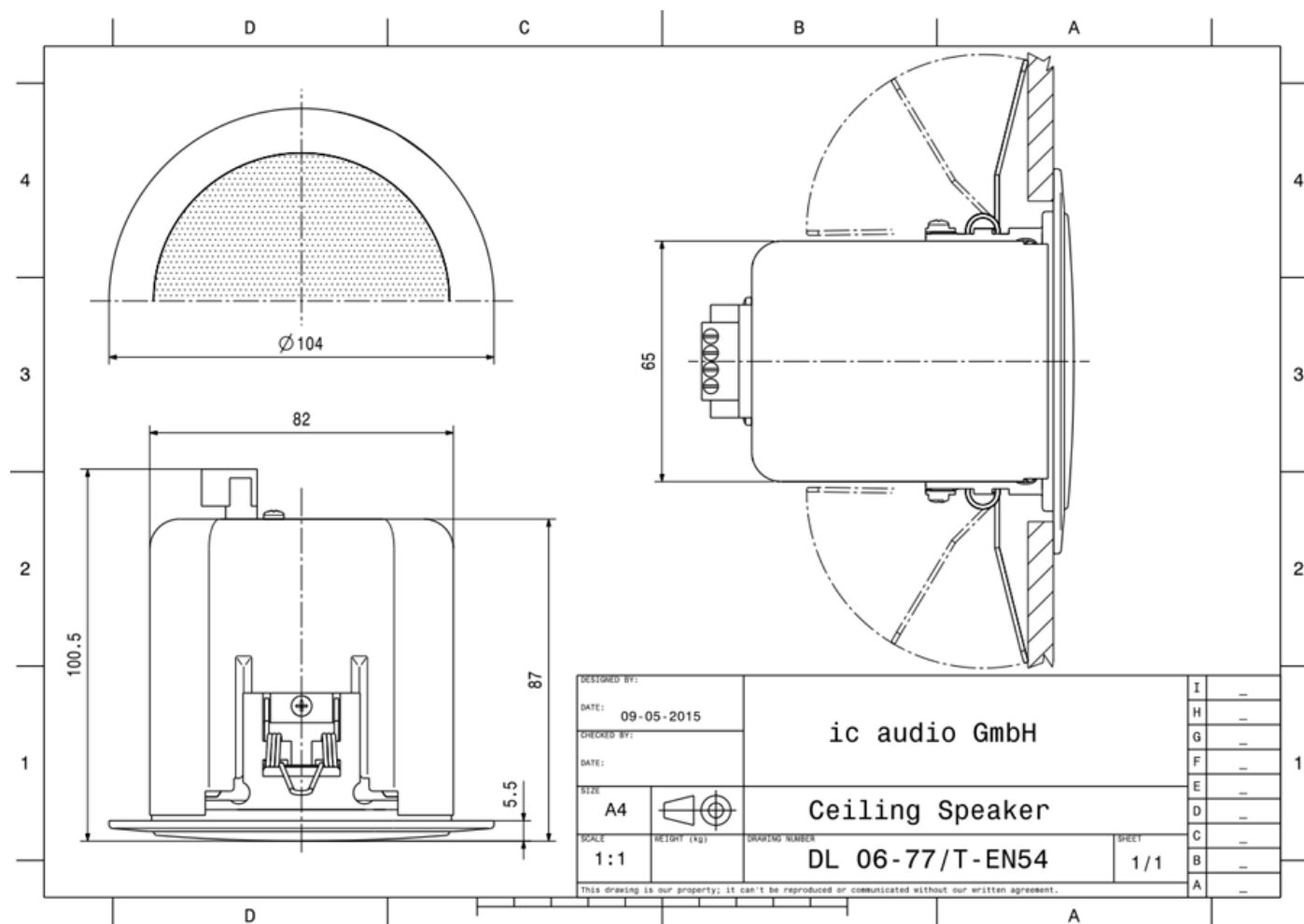
Certification

Ref. Nr.	001-13
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Certificate Number	1438-CPR-0434

Product Attributes

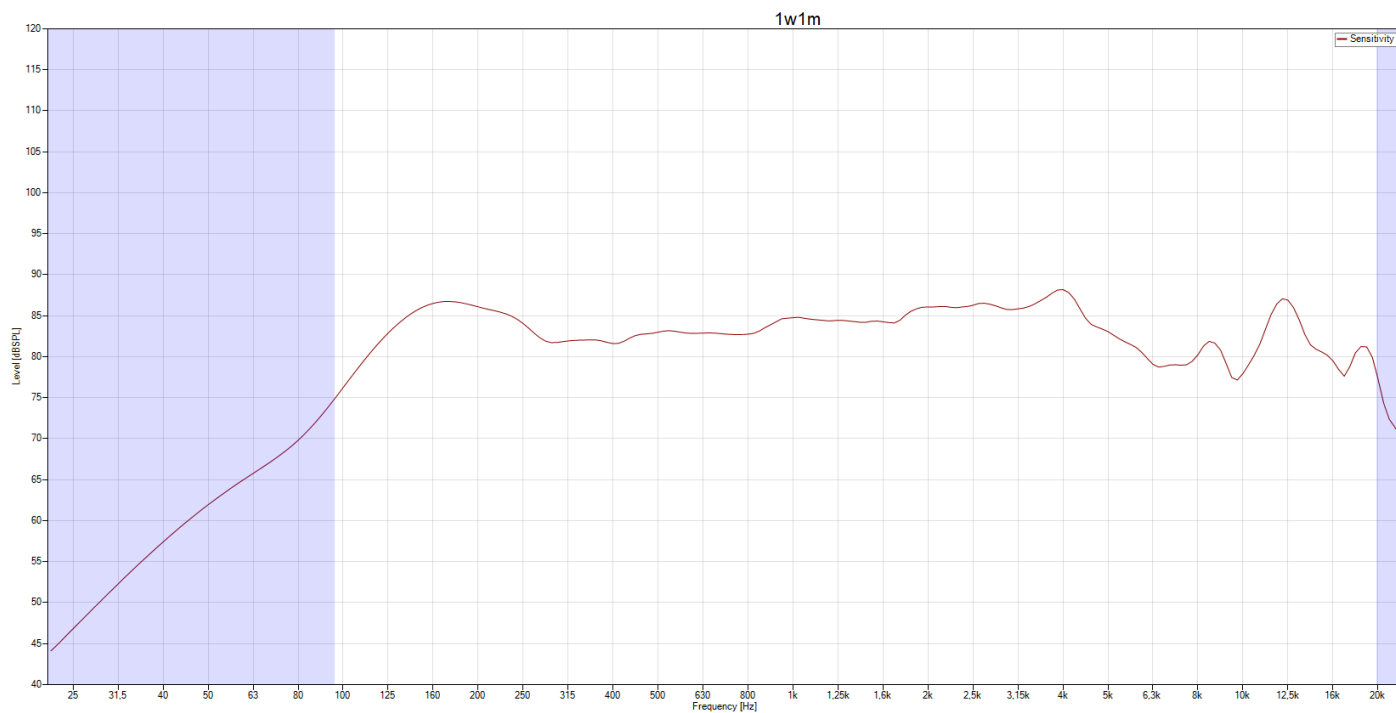


Technical Drawing

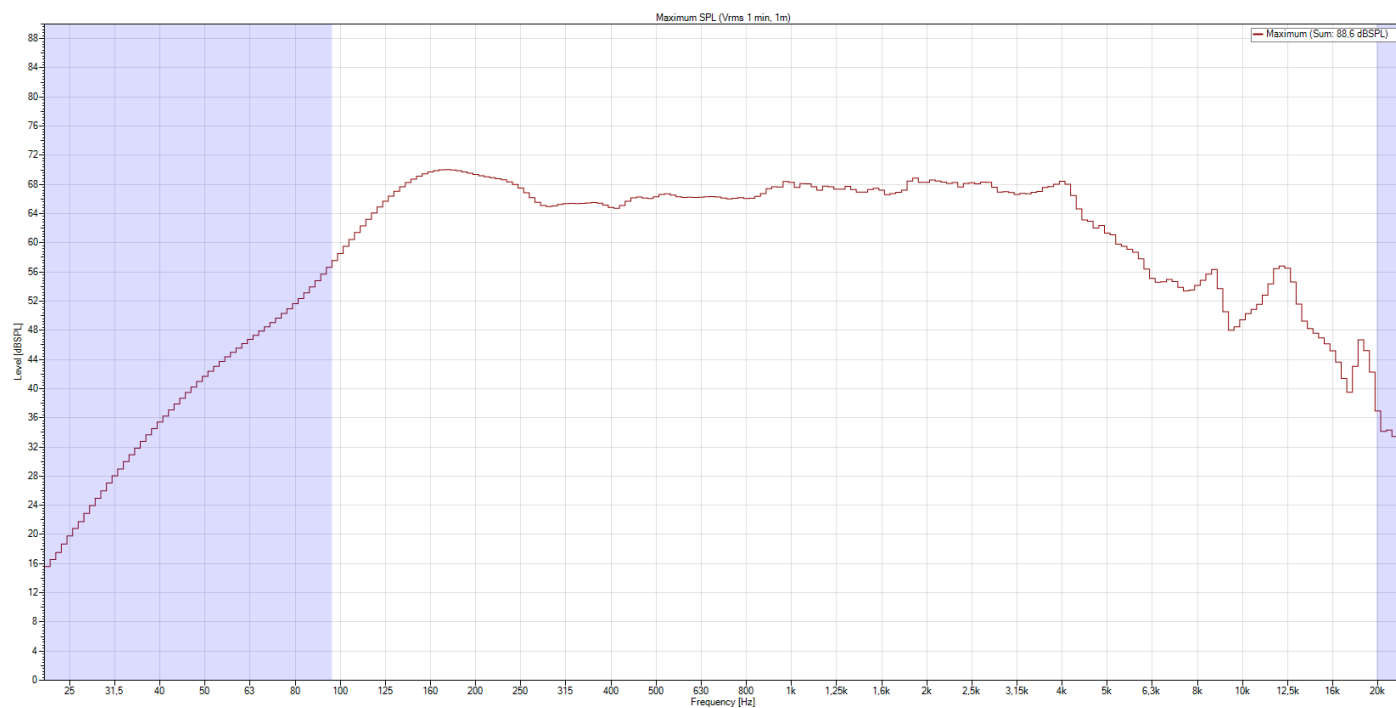


Frequency Response Diagram

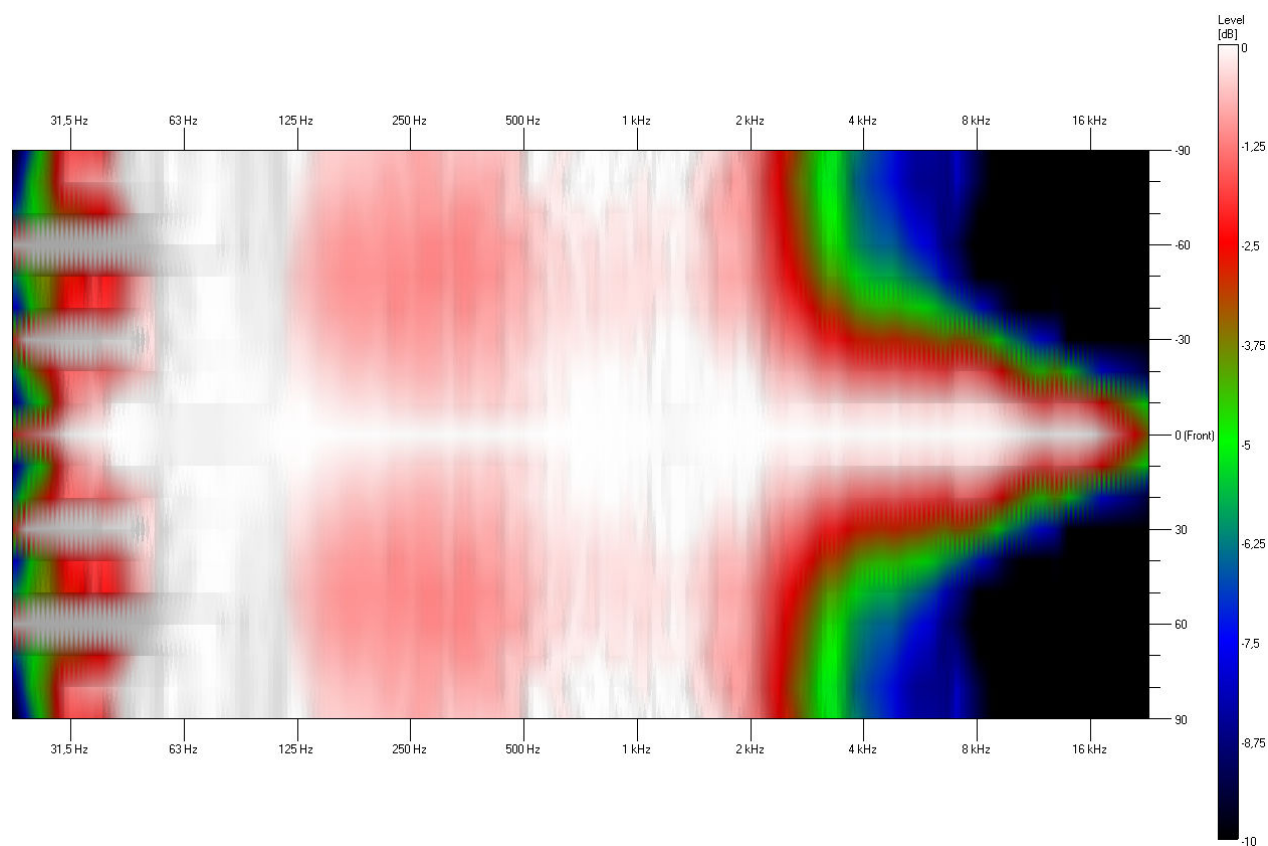
Sensitivity



SPL Max

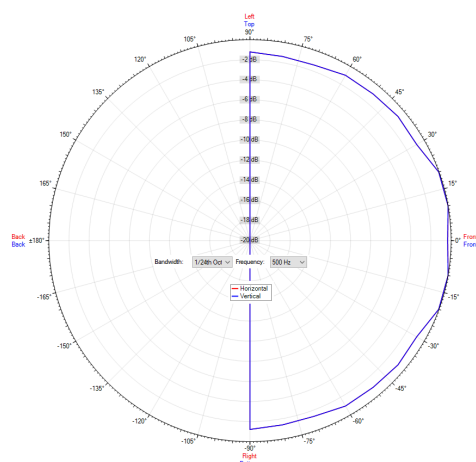


Isobar

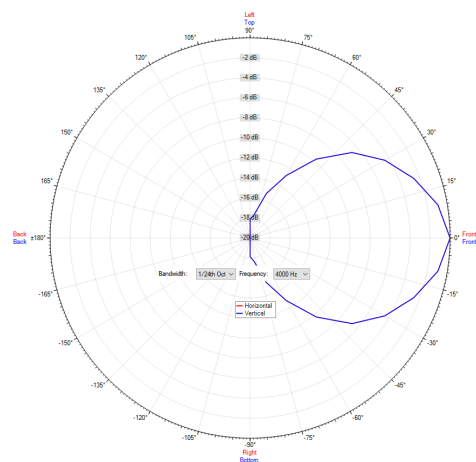


Polar Diagram

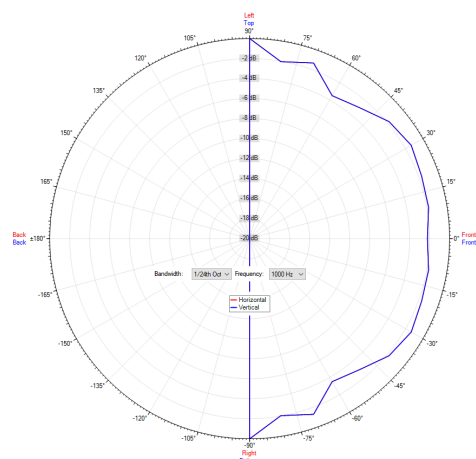
Polar Diagram 500Hz



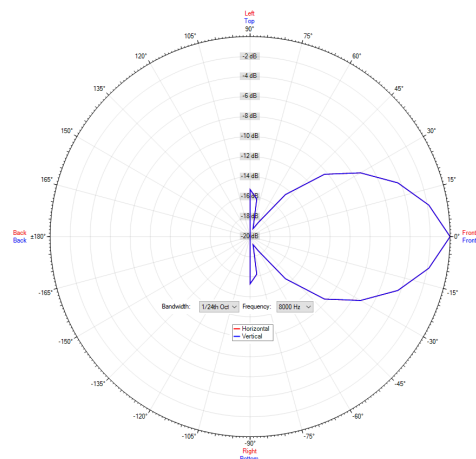
Polar Diagram 4000Hz



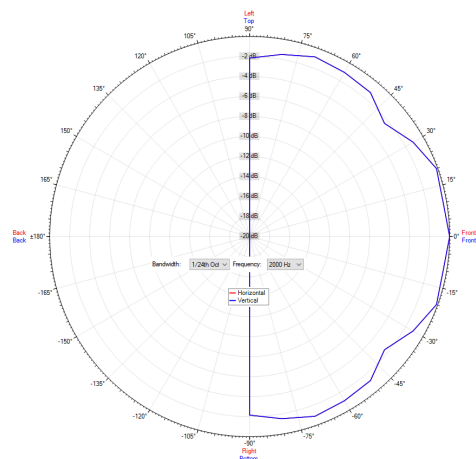
Polar Diagram 1000Hz



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. : 20142906
Packing Unit: 12

