



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

ic audio GmbH, Boehringerstraße 14a,
D-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 in RAL 9016 guarantees long-term 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 4-pin screw terminal at the rear of the firedome.

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

The firedome 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 a higher ceiling thicknesses could be necessary. In addition, stronger cables and other fittings may also result in changes of the appropriate setup. With regard to the variety of materials and manufacturers, we recommend to build in a sample of the speaker to match the requirements accurately

Technical Data (Electrical)

Description	DL 06-77/T-EN54
Power	6/3/1,5 W
Impedance (100V)	1667/3333/6667 ohm
Frequency Range	98 - 20.000 Hz
Frequency Response	93 - 20.100 Hz
SPL IEC268-5 , 1W/1m	80,0 dB
SPL EN54-24, Pmax/4m	79,0 dB
Sensitivity EN54-24, 1W/4m	68,4 dB
Sensitivity EN54-24, 1W/1m	80,4 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°

Please note: Because of many different types of ceiling materials and ceiling strengths we recommend to build in a sample of the speaker to match the requirements accurately.

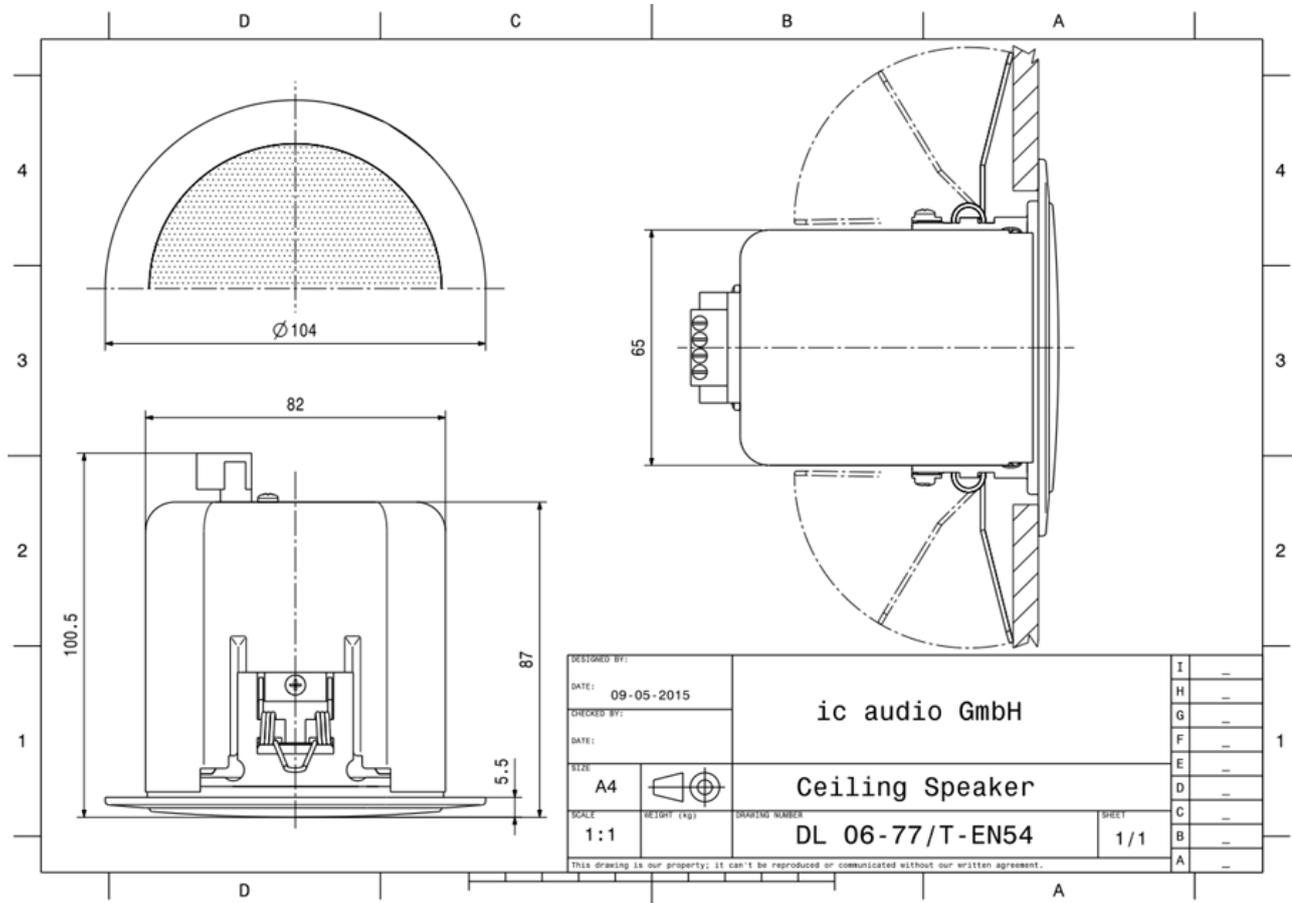
Technical Data (Mechanical)

Dimensions	104x100,5 mm
IP Rating	IP21
Weight (net)	0,64 kg
Ceiling Cut-out	86 mm
Temperature range	-10 / +55 C°
Mounting	Quick fit mounting
Connector	4-pin screw terminal
Terminal diameter	2,5 mm
Maximum cable cross section	4,9mm ²
Colour	RAL 9016

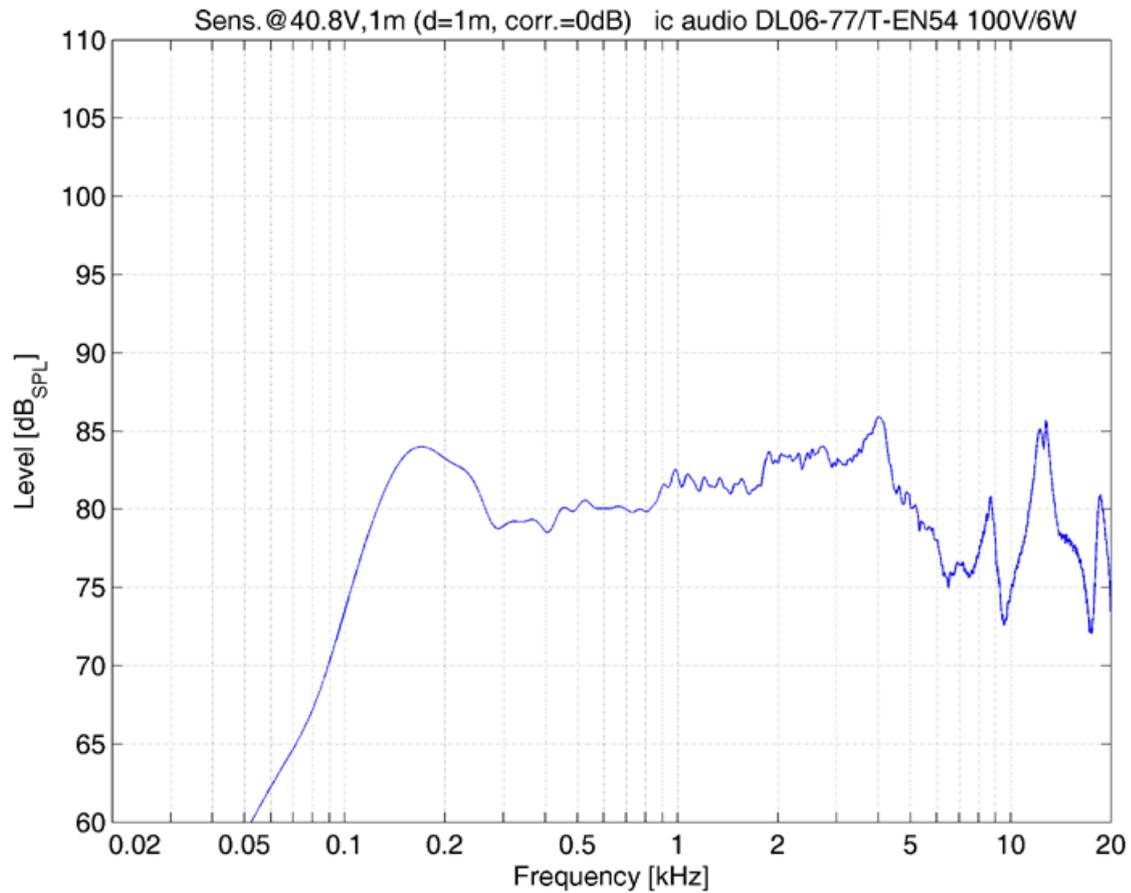
Product Attributes



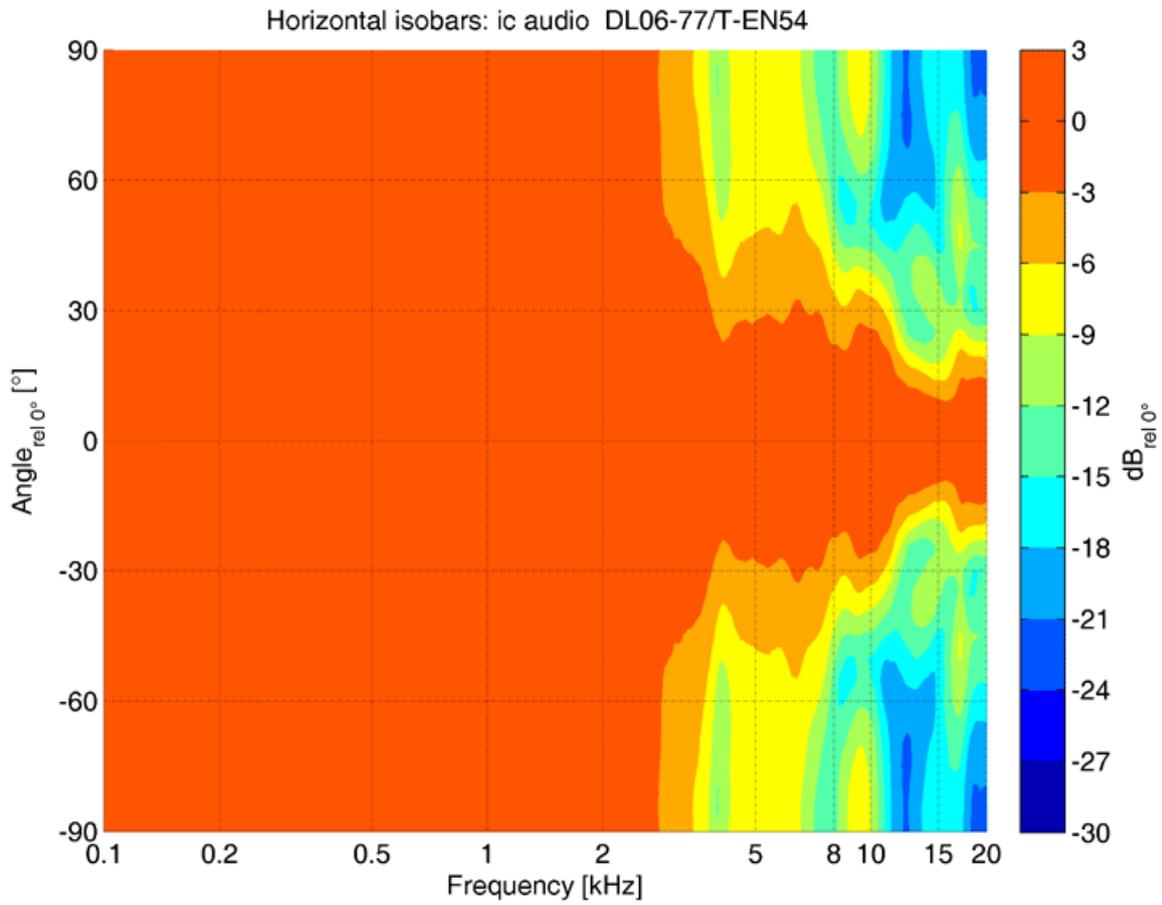
Technical Diagrams



Frequency Response Diagrams



Polar Diagrams



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: 12

