



DL-A-AB 06-100/T-EN54

- Quick mounting
- Highest reliability
- BS 5839



EN 54-24:2008
Ref. Nr.: 004-15
ID-Code: SAA-LS04
1438-CPR-0448

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

CE-Symbol gemäß Richtlinie 93/68EWG

The DL-A-AB 06-100/T-EN54 is a surface-mounted ceiling speaker designed with two independent speakers and 100V transformers to enable an economic operation of two separated speaker lines (A/B-lines) for 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 also 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 transformer with 3 power adjustments, each. This sturdy ceiling speaker is made of powder-coated metal in white (RAL 9010). Flat and well designed speaker for unobtrusive installations, equipped with ceramic clamps and thermal fuses, protected against wet conditions by waterproofed chassis. Easy installation by the included rear plate made of metal, fixed by screws on the ceiling.

Technical Data (Electrical)

Description	DL-A-AB 06-100/T-EN54
Power	2x6/3/1,5 W
Impedance (100V)	2 x 1667/3333/6667 ohm
Frequency Range	182 - 17.400 Hz (single) 279 - 17.600 Hz (double)
Frequency Response	192 - 23.500 Hz (single) 197 - 23.500 Hz (double)
SPL IEC268-5 , 1W/1m	90,0 dB (single) 92,0 dB (double)
SPL EN54-24, Pmax/4m	86,0 dB (single) 90,0 dB (double)
Sensitivity EN54-24, 1W/4m	78,0 dB (single) 80,0 dB (double)
Sensitivity EN54-24, 1W/1m	90,0 dB (single) 92,0 dB (double)
Dispersion -6dB, 500Hz	single h/v 180° double h/v 180°
Dispersion -6dB, 1KHz	single h/v 170° double h/v 160°
Dispersion -6dB, 2KHz	single h/v 132°/124° double h/v 72°/122°
Dispersion -6dB, 4KHz	single h/v 130°/103° double h/v 37°/86°

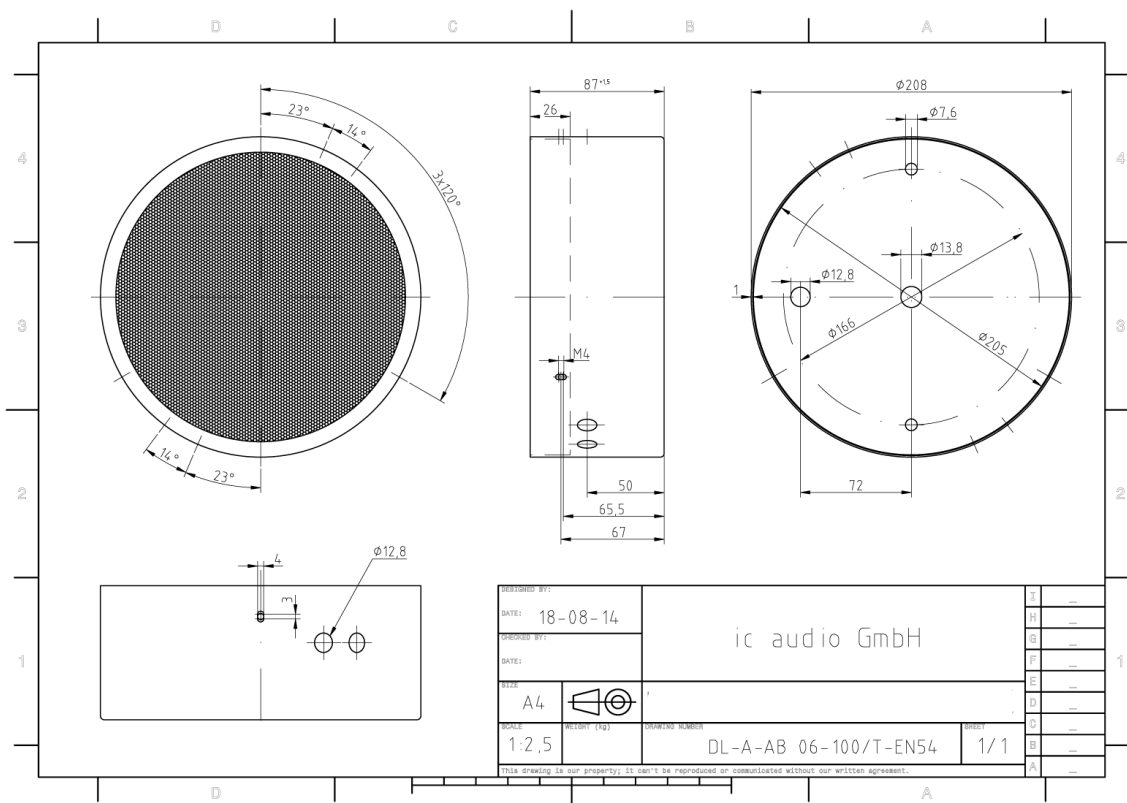
Technical Data (Mechanical)

Dimensions	208 x 89 mm
IP Rating	IP21
Weight (net)	1,90 kg
Temperature range	-10 / +55 °C
Mounting	Screws
Connector	2-pin ceramic block
Colour	RAL 9010

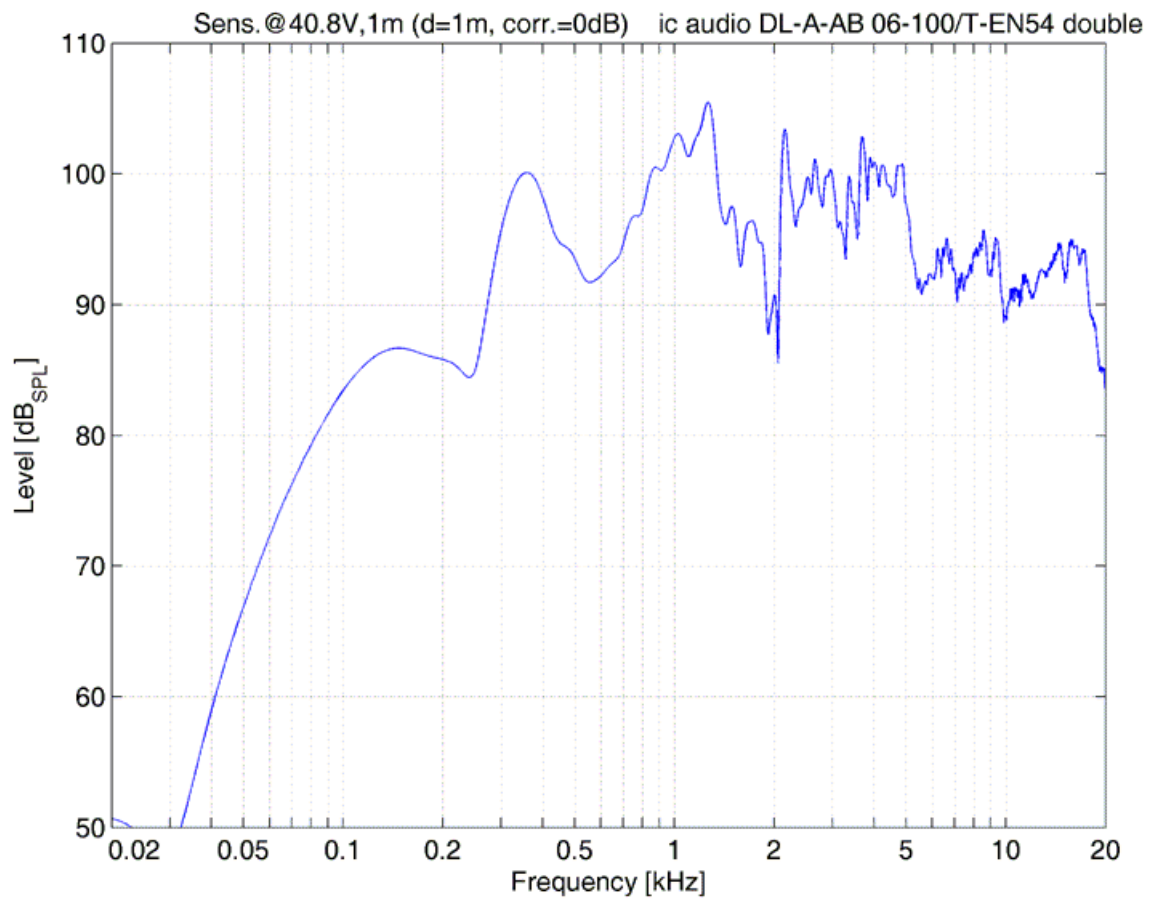
Product Attributes



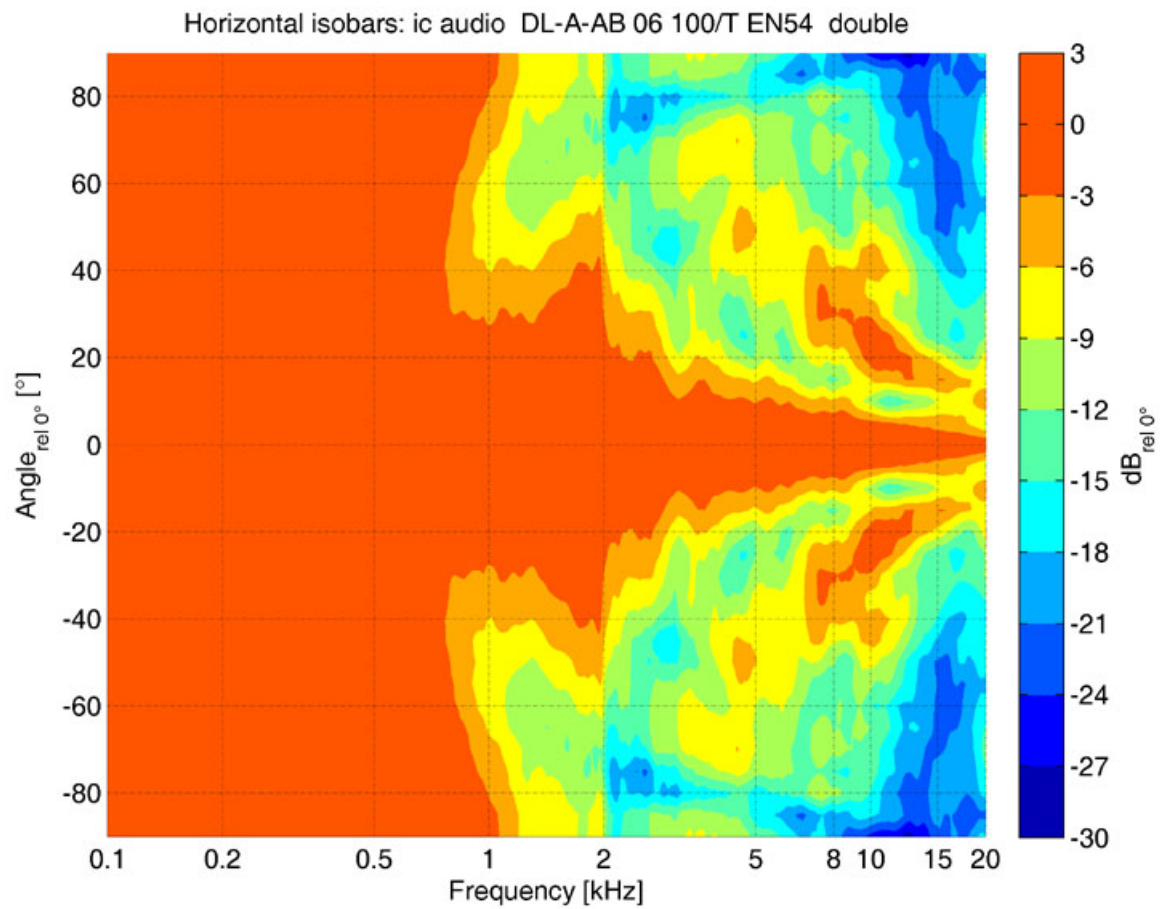
Technical Diagrams

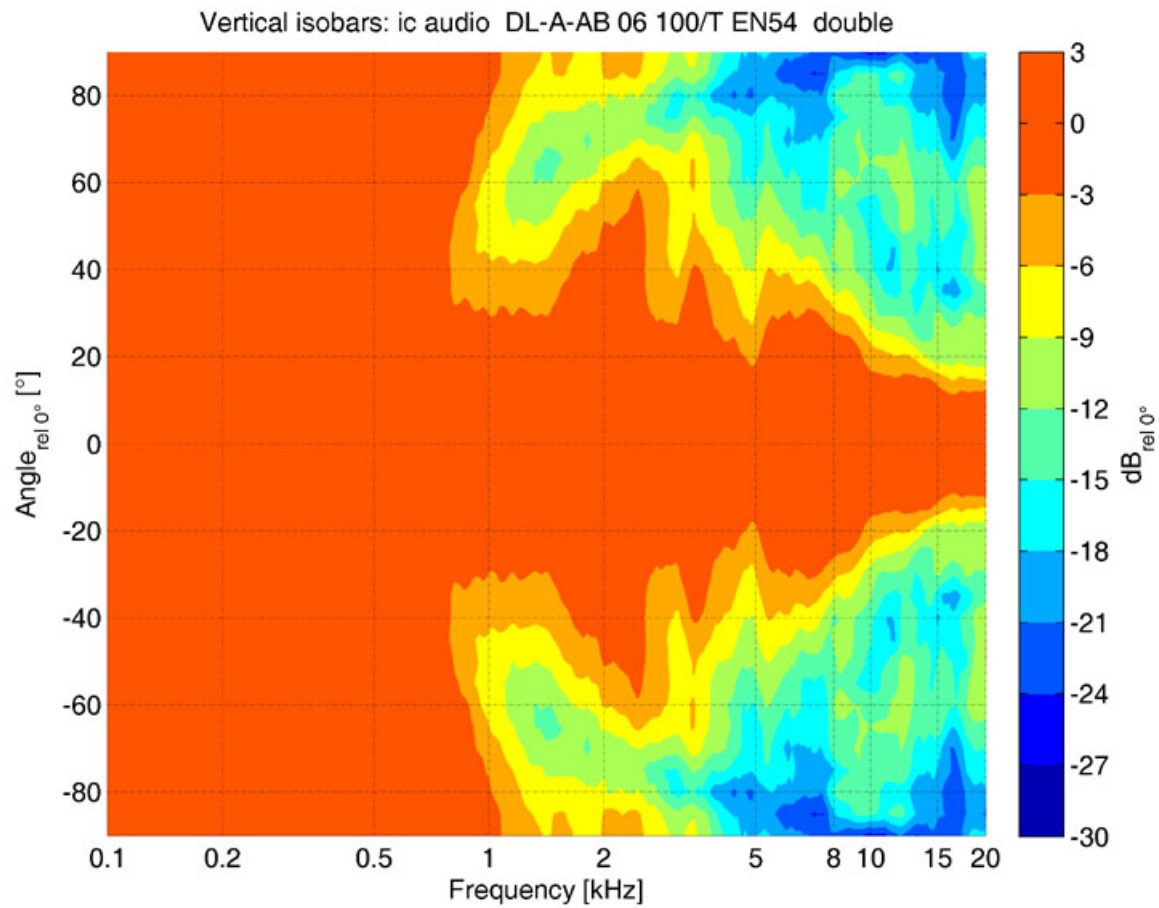


Frequency Response Diagrams



Polar Diagrams

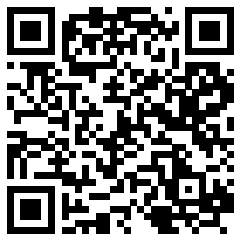




ic audio loudspeakers are tested and classified according to the IEC standard 60529 (degree of protection by enclosure) against the penetration of foreign objects and moisture. The classification is conforming to standards through characterization with a fixed code. This code consists of the letters 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.



Article Nr.: 20142910

Packing Unit: 8

