



DL-RQ 10-165/T plus-EN54

- high sound pressure level
- low mounting depth
- antistatic plastic contact protection



EN 54-24:2008
Ref. Nr.: 015-19
ID-Code: SAA-LS19
1438-CPR-0440

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CE-Symbol gemäß Richtlinie 93/68EWG

Rectangular 2-Way-Ceiling speaker with innovative plastic cover (protected by European patent publication no. **2768238**) for voice alarm applications, certified EN 54-24. The DL-RQ is the perfect match for installations with high demands regarding sound quality. The speaker is also suitable for wall installations.

A smart contact protection cover, developed by ic audio, protects the inside of the speaker against dirt, dust and any other particles. The DL-RQ is extremely light and its low mounting depth allows an easy fitting in almost every ceiling thickness.

Additional safety is provided by a 4-pin ceramic block and a thermal fuse, as well as the damp protection of the speaker chassis. Easy installation through quick-mount clamps.

Technical Data (Electrical)

| | |
|----------------------------|--------------------------|
| Description | DL-RQ 10-165/T plus-EN54 |
| Power | 10/5/2,5 W |
| Impedance (100V) | 1000/2000/4000 ohm |
| Frequency Range | 94 - 18.900 Hz |
| Frequency Response | 79 - 20.800 Hz |
| SPL EN54-24, Pmax/4m | 91,0 dB |
| Sensitivity EN54-24, 1W/4m | 81,9 dB |
| Sensitivity EN54-24, 1W/1m | 93,9 dB |
| Dispersion -6dB, 500Hz | h=180° v=180° |
| Dispersion -6dB, 1KHz | h=170° v=180° |
| Dispersion -6dB, 2KHz | h=150° v=155° |
| Dispersion -6dB, 4KHz | h=55° v=60° |

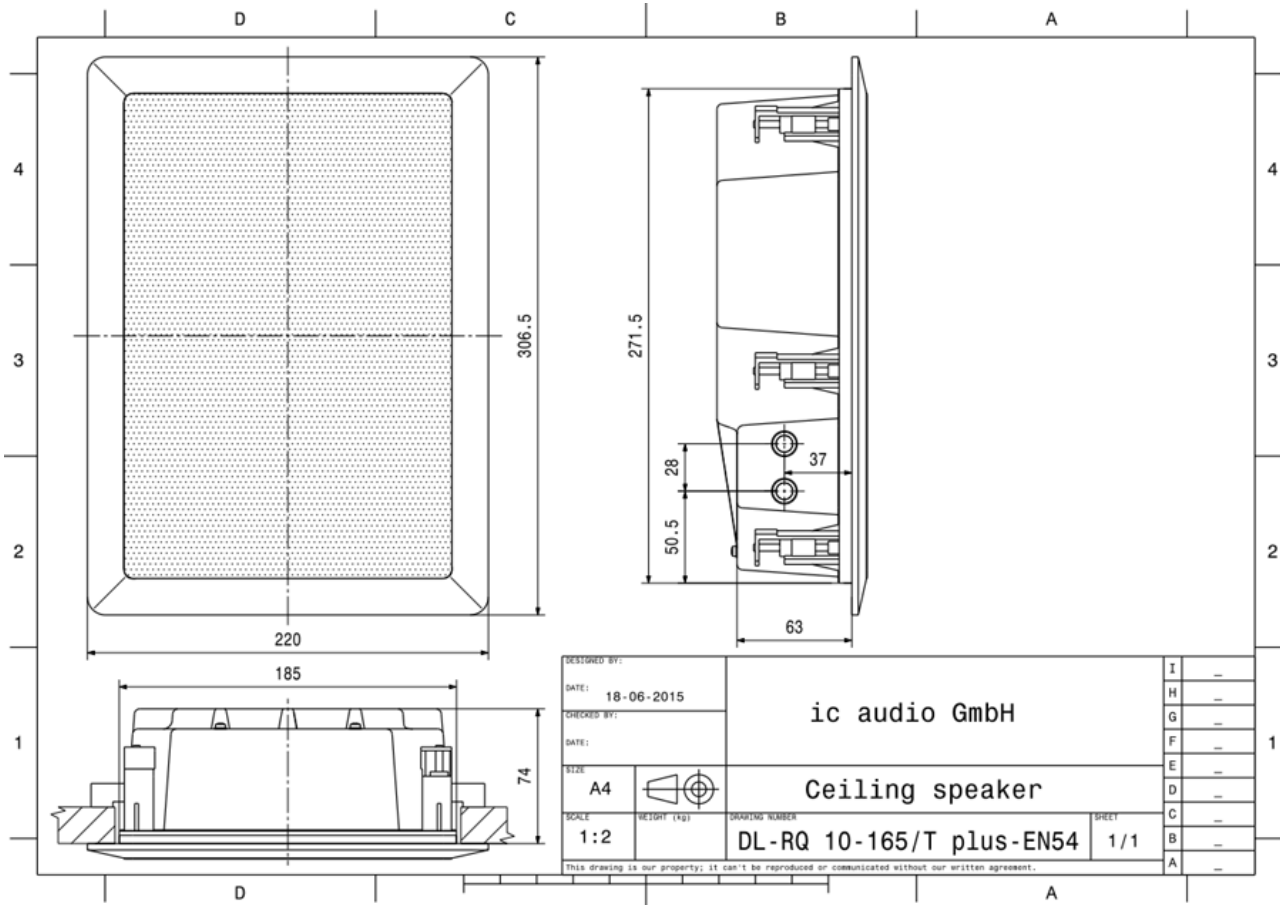
Technical Data (Mechanical)

| | |
|-------------------|---------------------|
| Dimensions | 220x306x82 mm |
| IP Rating | IP21 |
| Weight (net) | 1,37 kg |
| Ceiling Cut-out | 275 x 187 mm |
| Temperature range | -10 / +55 °C |
| Mounting | Screw system |
| Connector | 4-pin ceramic block |
| Colour | white |

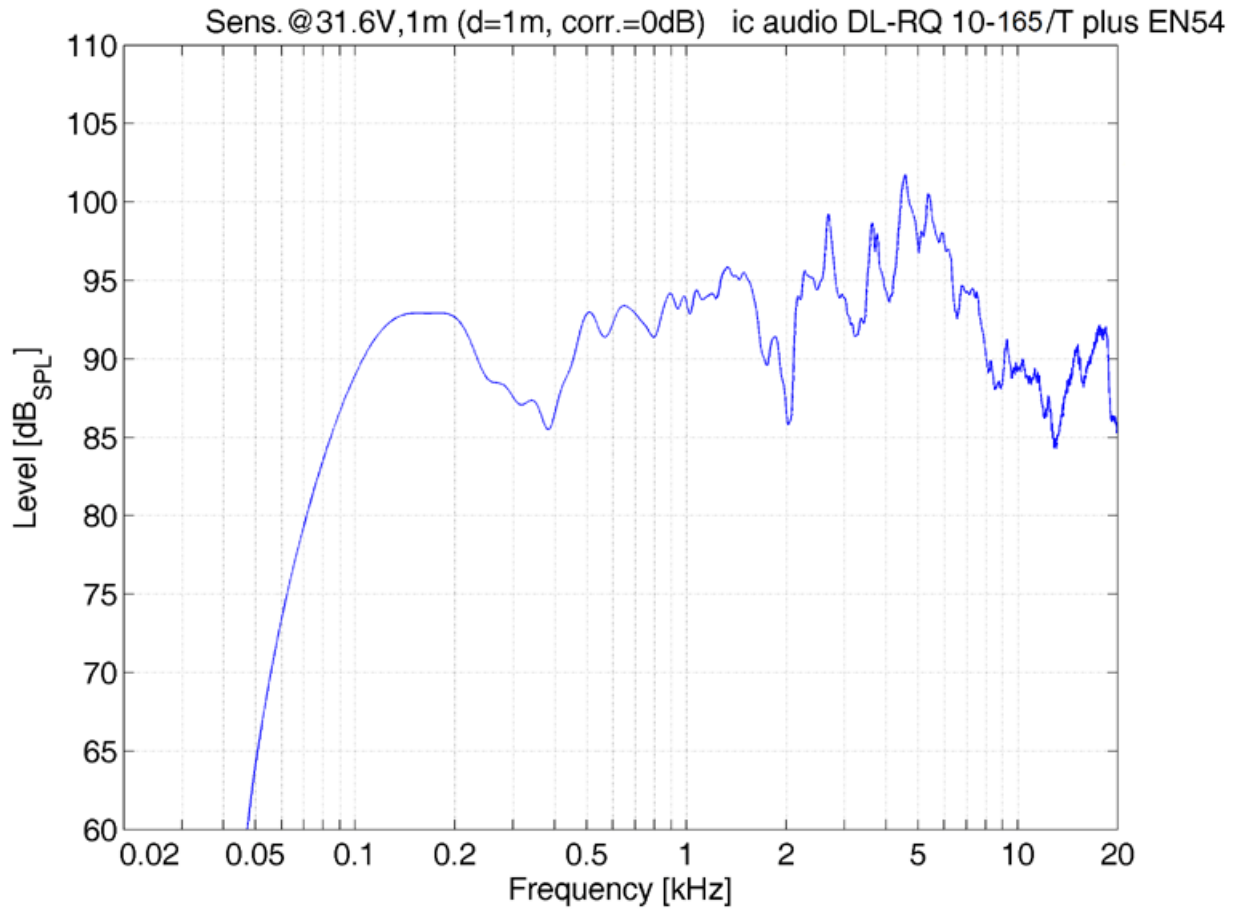
Product Attributes



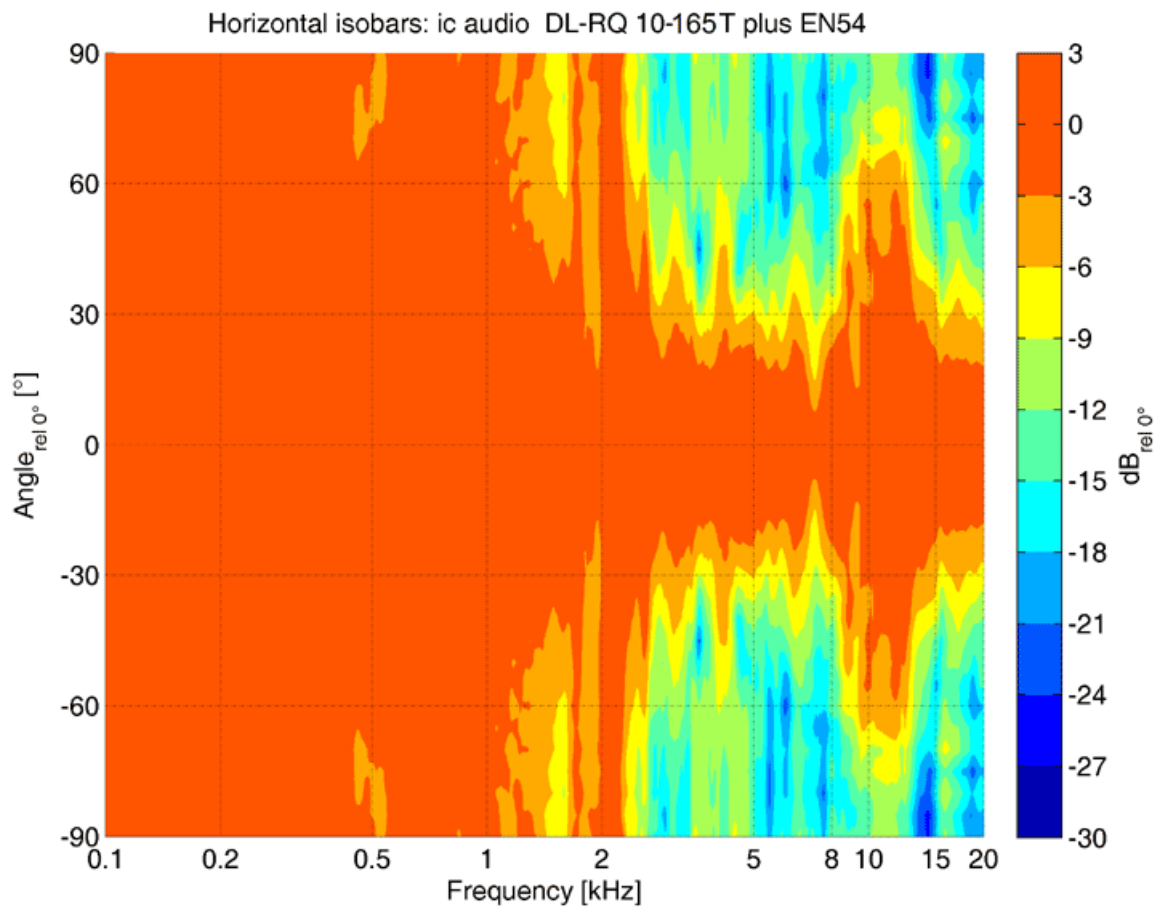
Technical Diagrams

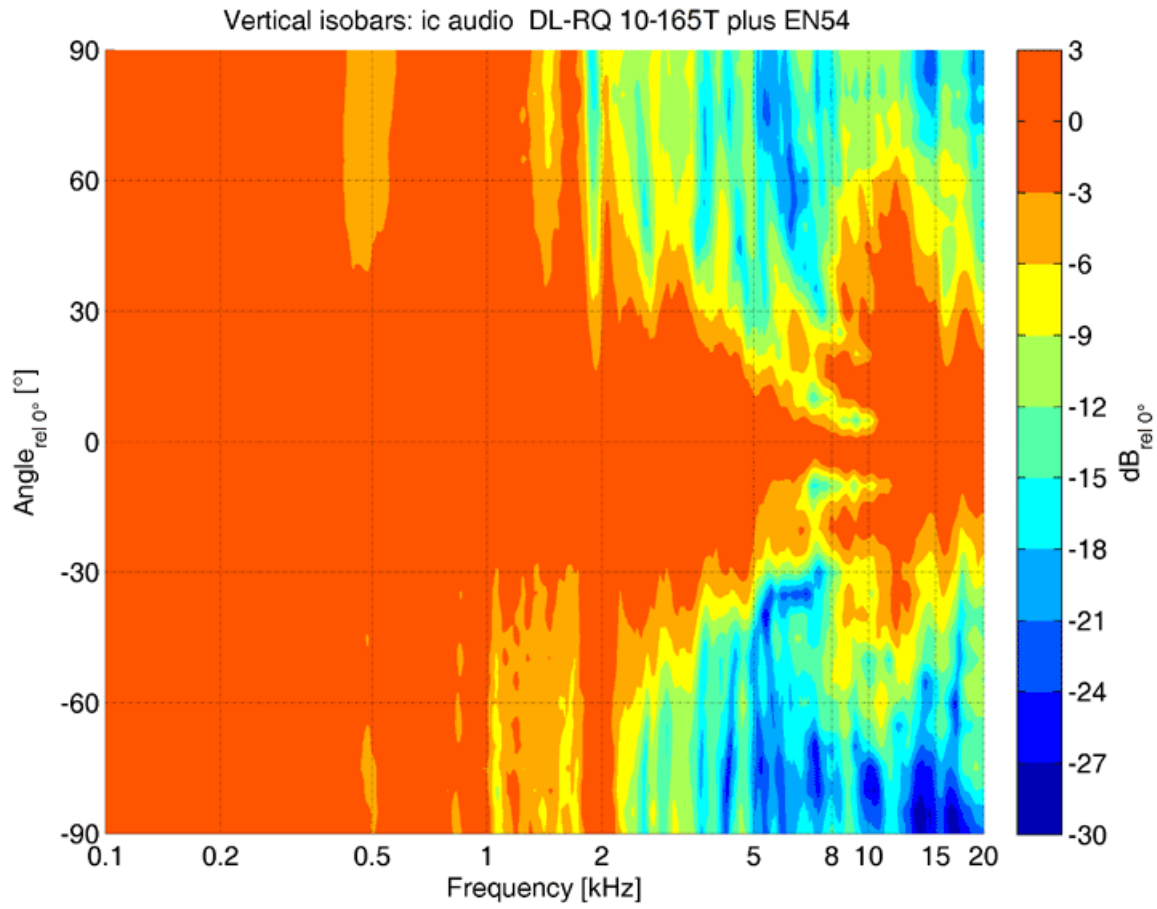


Frequency Response Diagrams



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.: 20142909

Packing Unit: 8

