



DL-E 10-165/T-EN54 safe

- high sound pressure level
- low mounting dept
- with firedome FE-series BS 5839 compliant



EN 54-24:2008
Ref. Nr.: 006-13
ID-Code: SAA-LS06
 1438-CPR-0997

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CE-Symbol gemäß Richtlinie 93/68EWG

Technical Data (Electrical)

Description	DL-E 10-165/T-EN54 safe
Power	10/5/2,5 W
Impedance (100V)	1000/2000/4000 ohm
Frequency Range	232 - 11.900 Hz
Frequency Response	71 - 23.500 Hz
SPL IEC268-5, 1W/1m	87,0 dB
SPL EN54-24, Pmax/4m	85,0 dB
Sensitivity EN54-24, 1W/4m	75,3 dB
Sensitivity EN54-24, 1W/1m	87,3 dB
Dispersion -6dB, 500Hz	V 180° H 180°
Dispersion -6dB, 1KHz	V 180° H 180°

Dispersion -6dB, 2KHz V 145° H 145°

Dispersion -6dB, 4KHz V 72° H 72°

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.

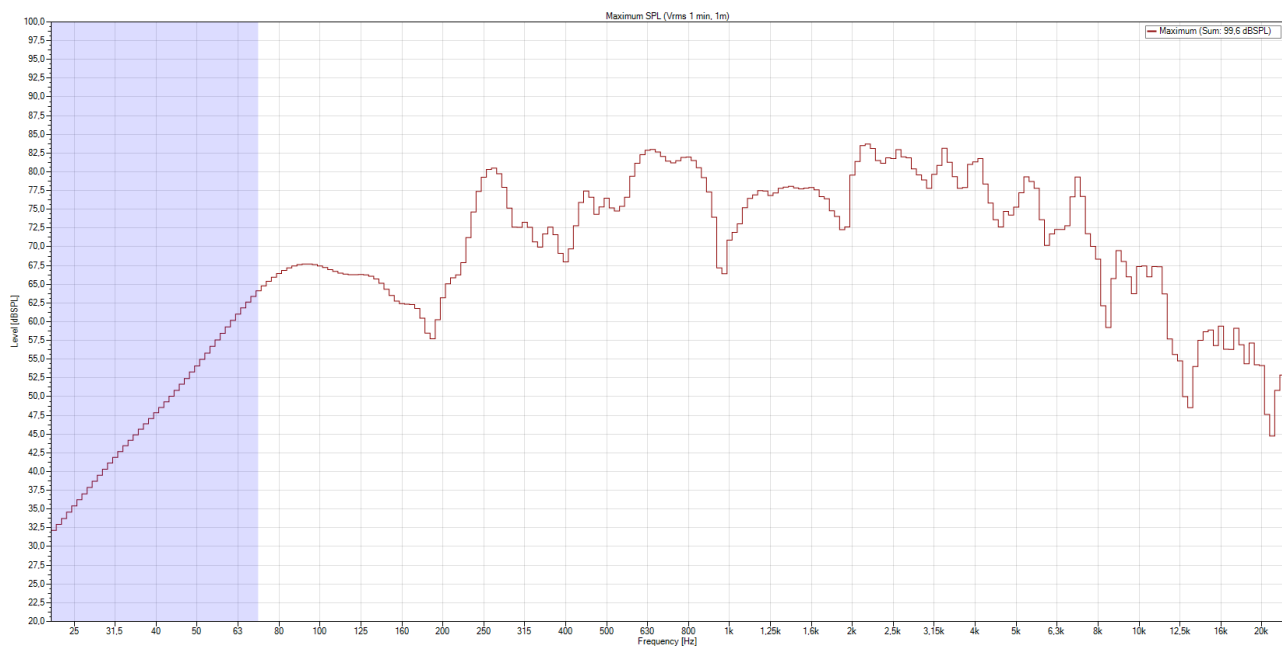
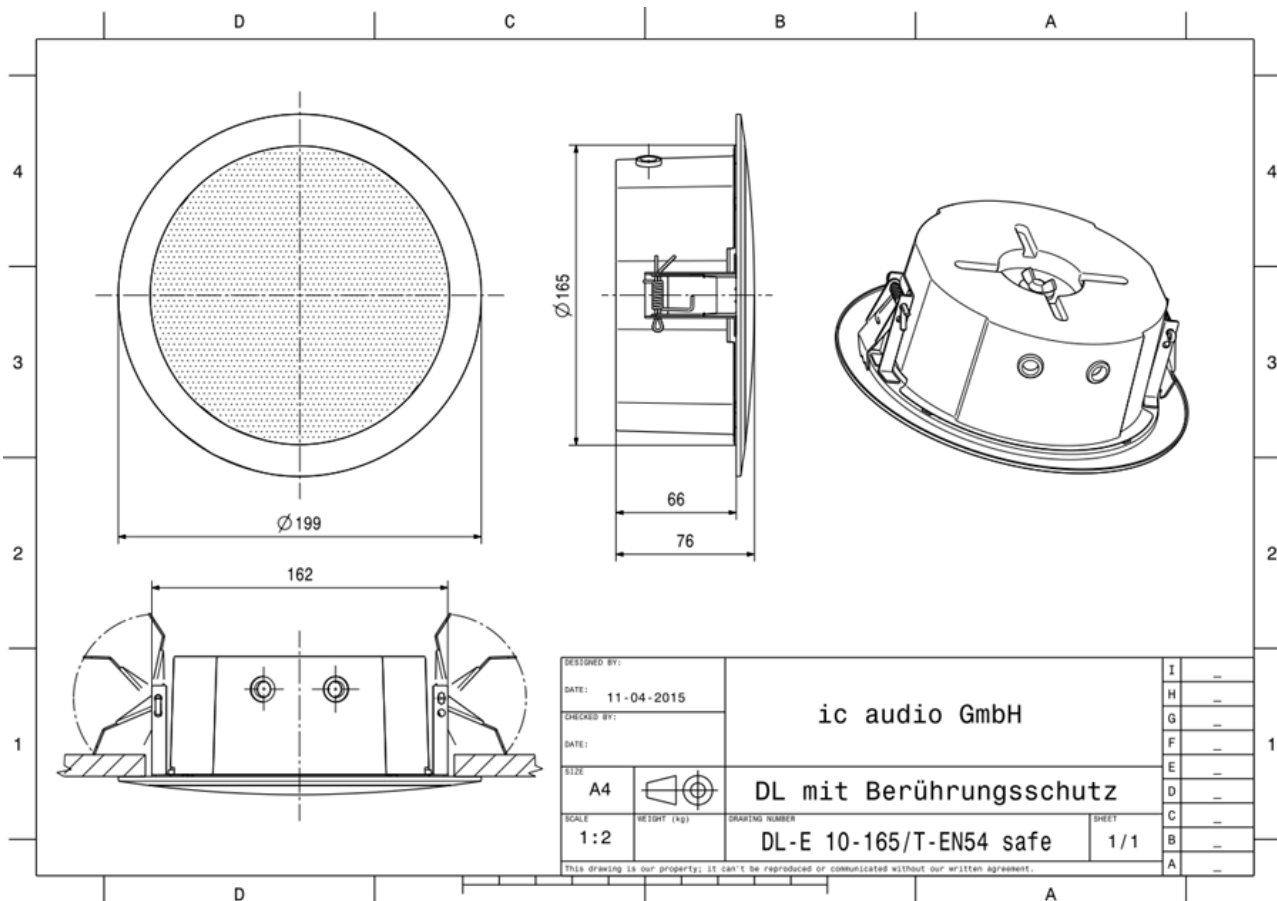
Technical Data (Mechanical)

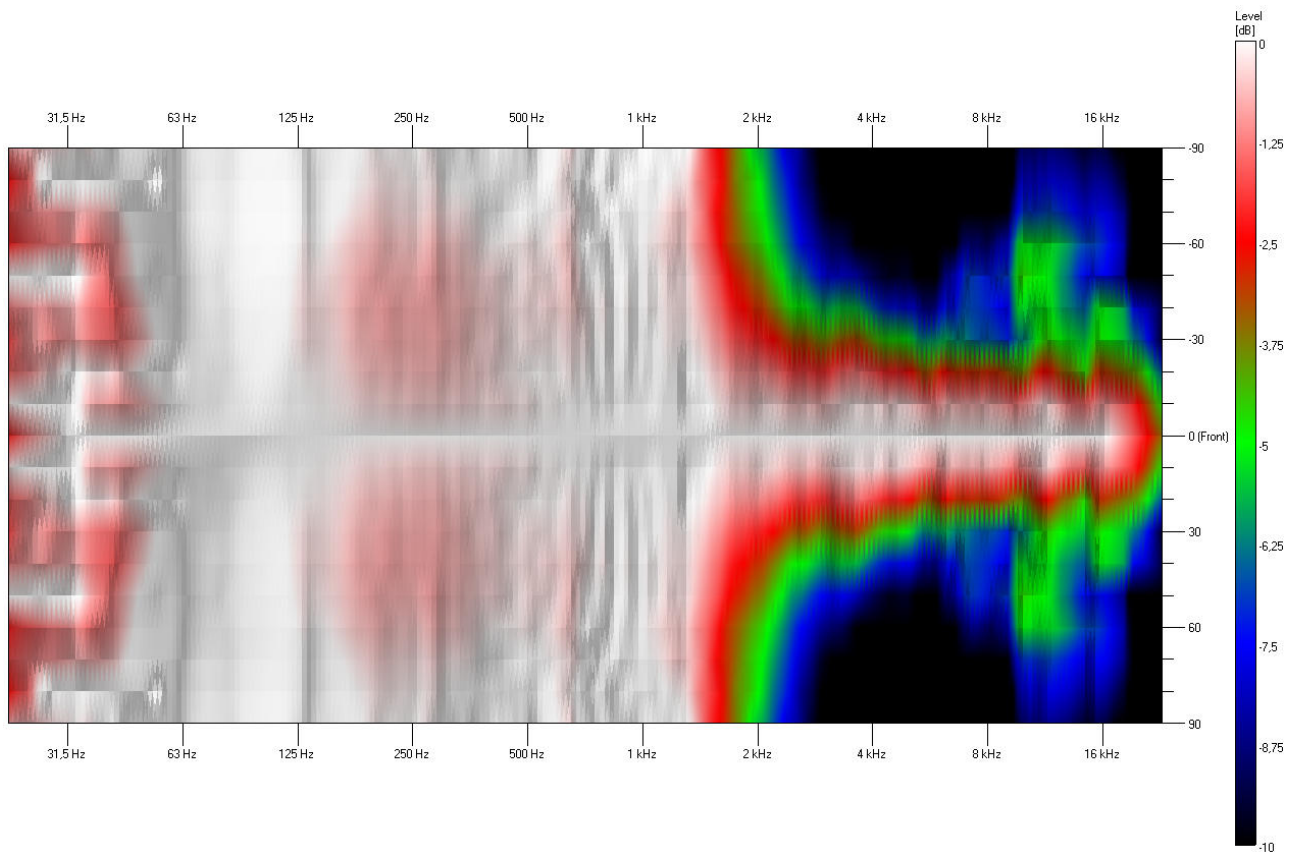
Dimensions	199 x 73 mm
IP Rating	IP21
Weight (net)	0,72 kg
Ceiling Cut-out	166 mm
Temperature range	-10 / +55 °C
Mounting	spring clamp
Connector	4-pin ceramic block
Colour	RAL 9016

Product Attributes

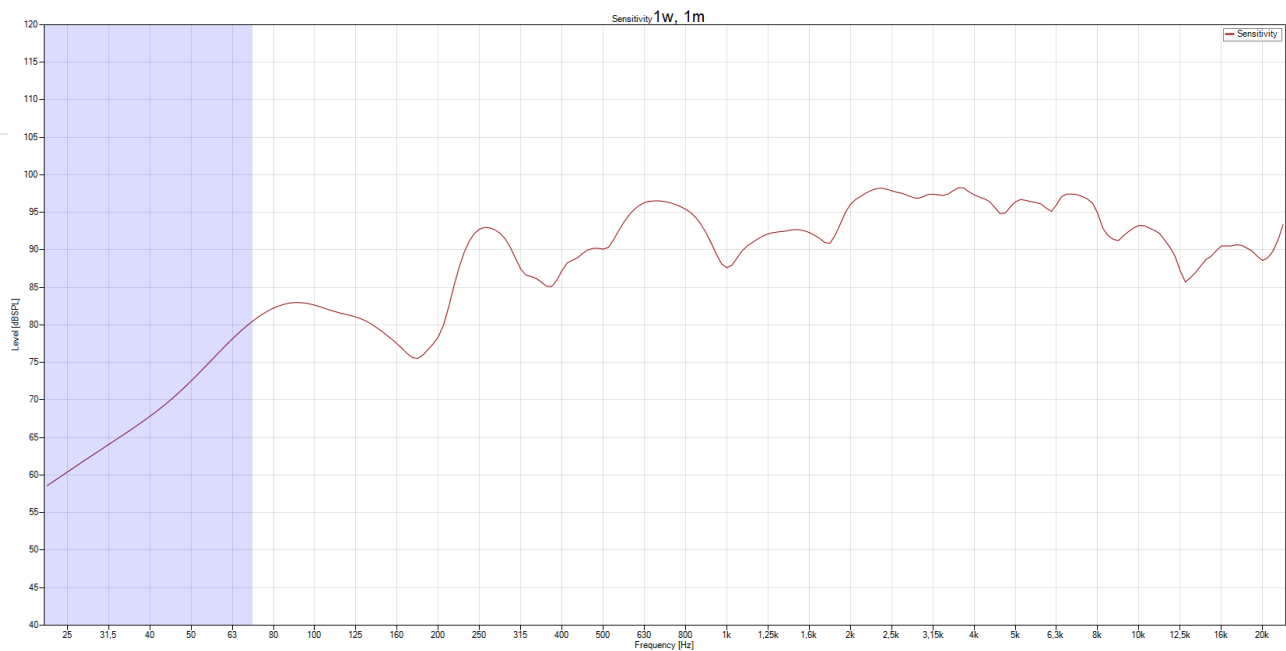


Technical Diagrams

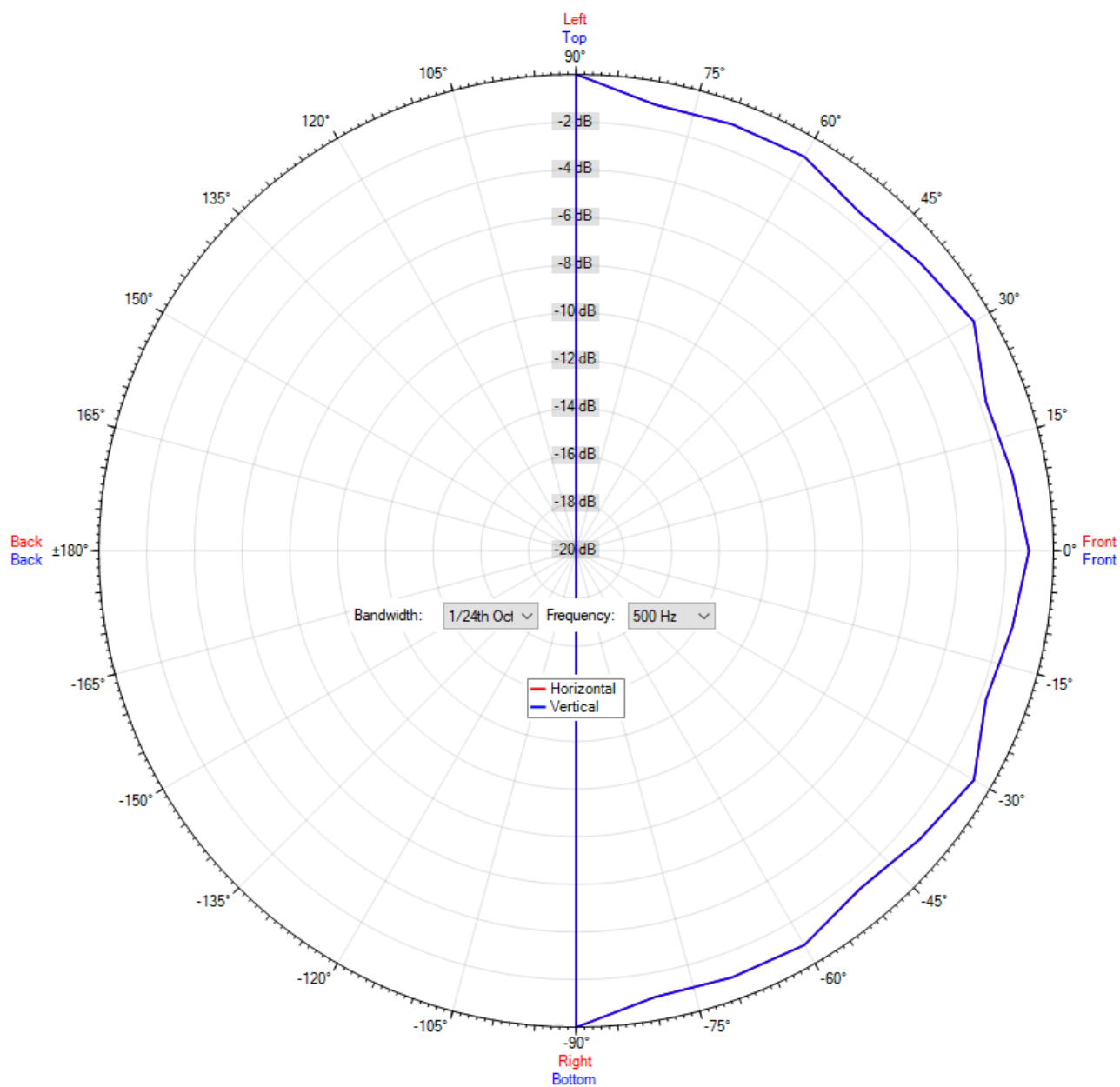


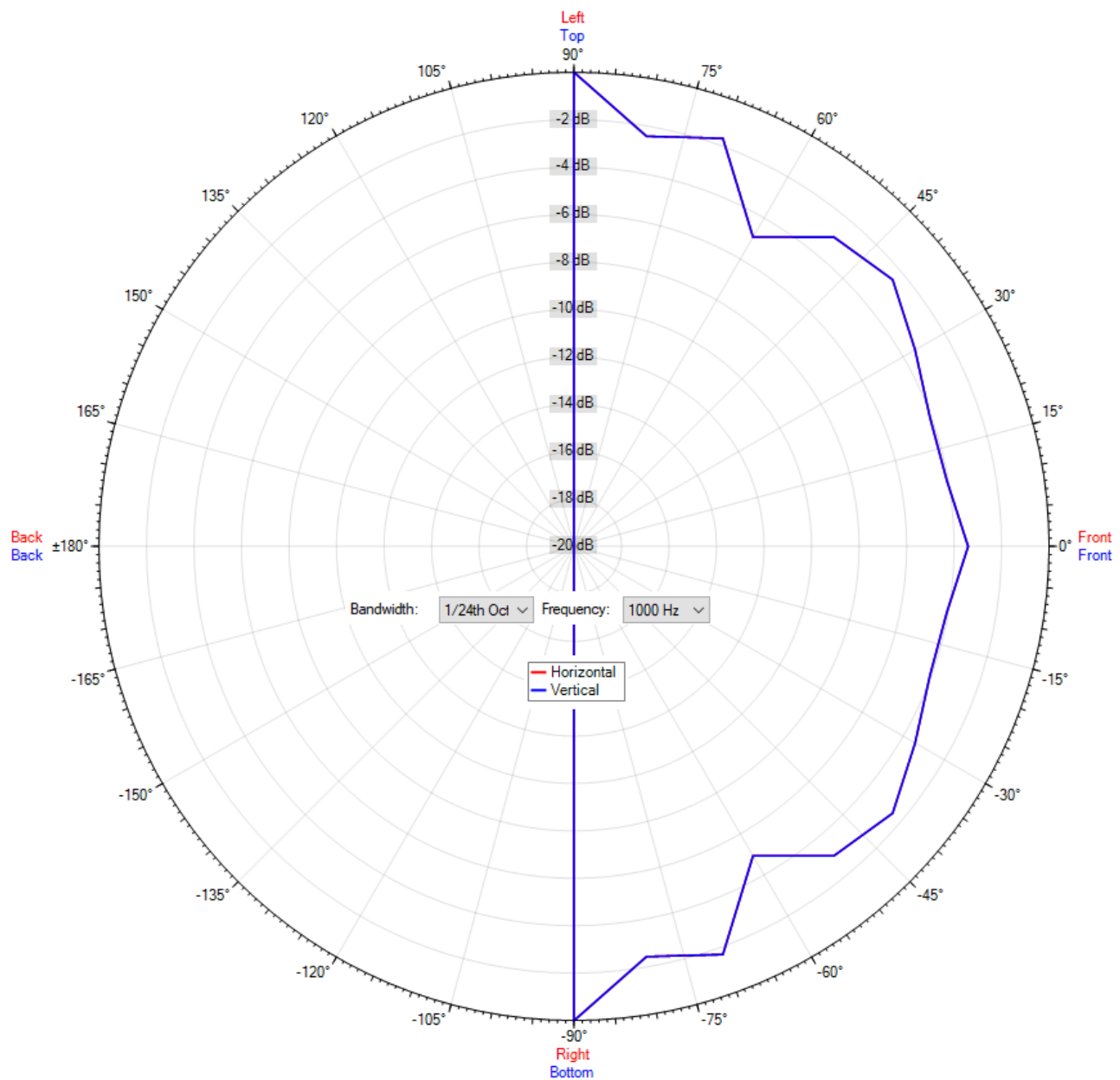


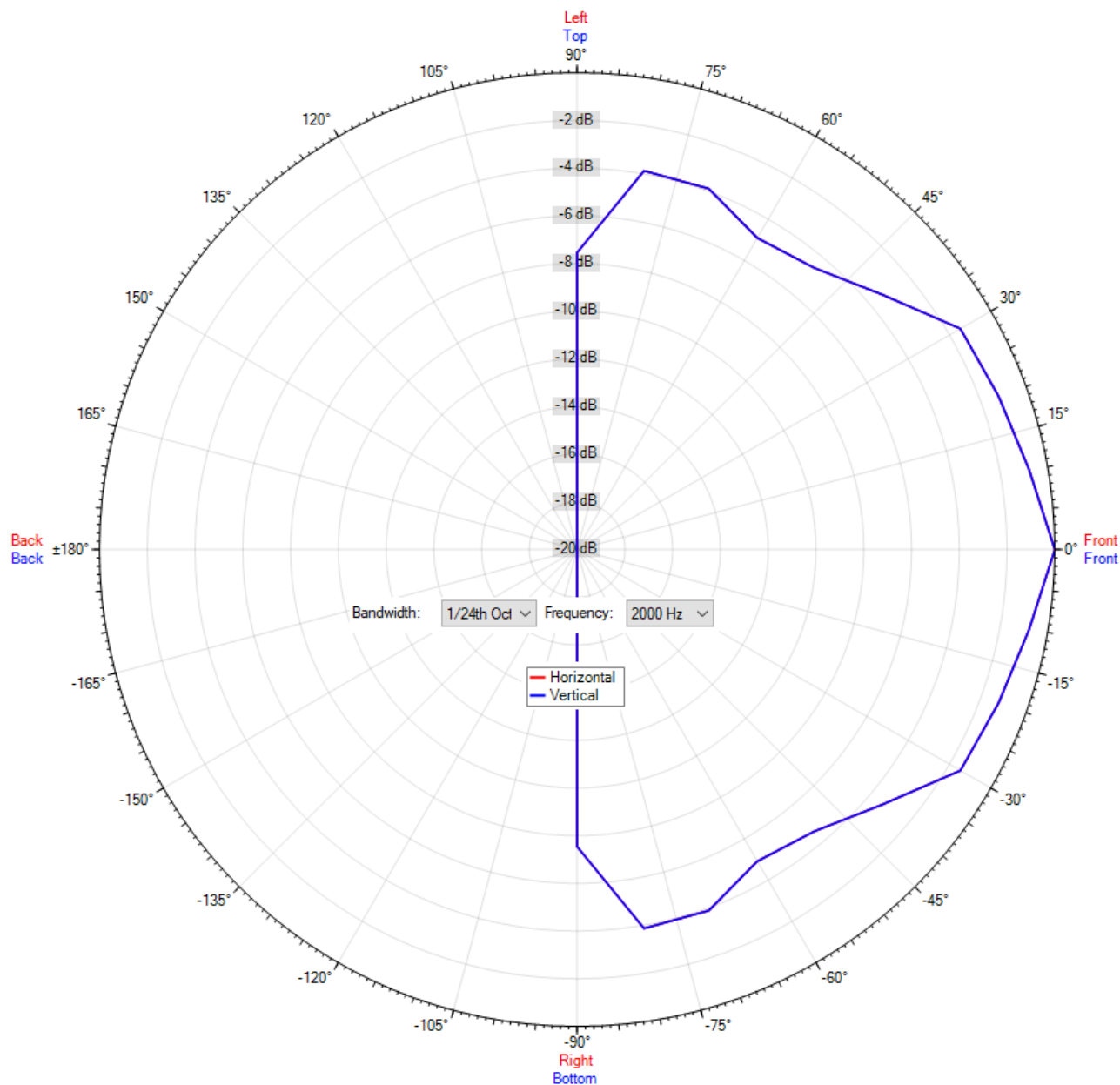
Frequency Response Diagrams

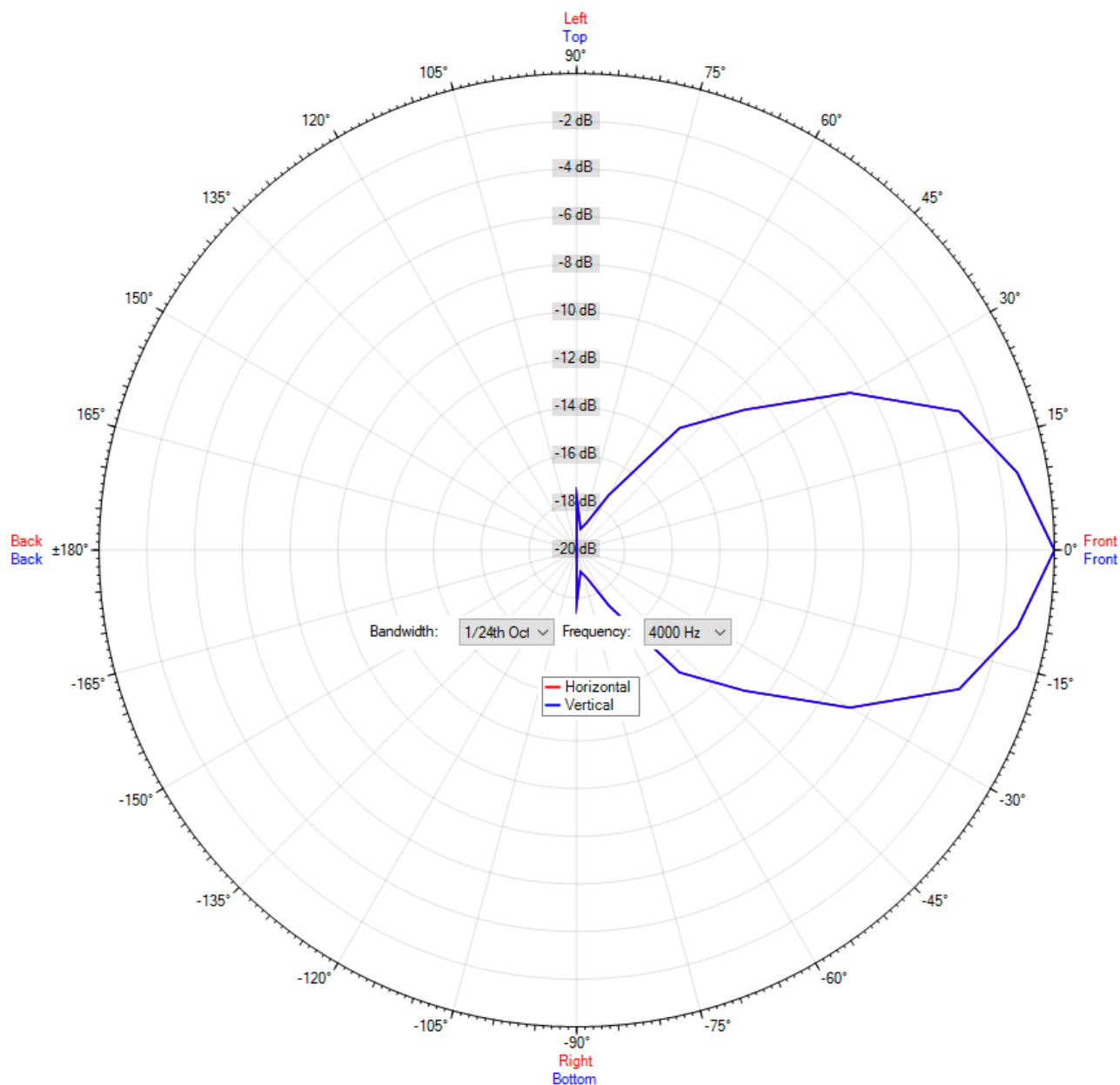


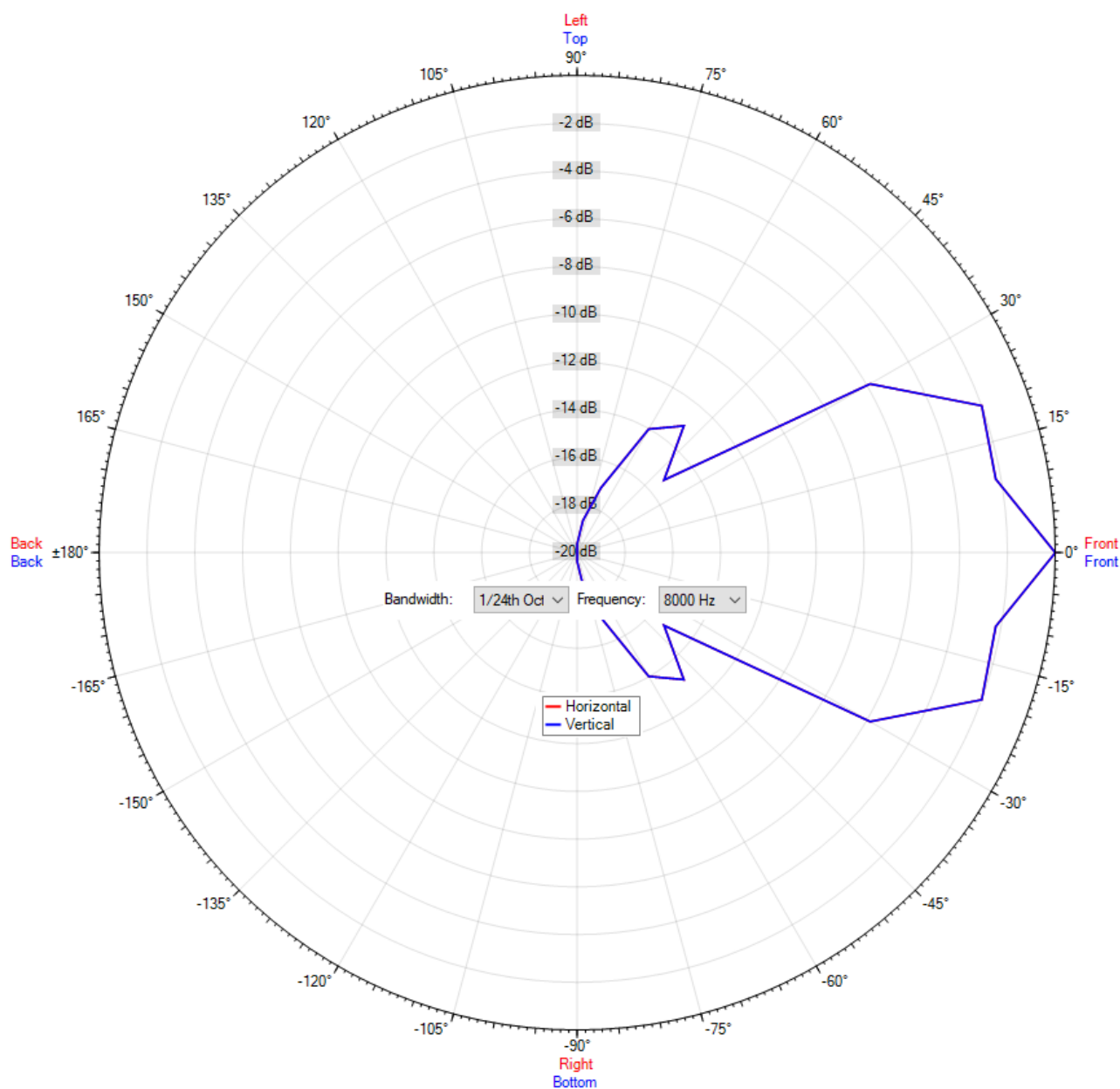
Polar Diagrams











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.

Article Nr.: 20142907

Packing Unit: 12

