MS 50-165/T white-EN54

- Distinctive design
- Excellent sound
- IP 65

EN54

EN 54-24:2008
Ref. Nr.: 011-13
ID-Code: SAA-LS11
1438-CPR-0348

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

CE-Symbol gemäß Richtlinie 93/68EWG

Technical Data (Electrical)

Description	MS 50-165/T white-EN54
Power	50/25/12,5/6,25 (8ohm) W
Impedance (100V)	200/400/800/1600 ohm
Frequency Range	52 - 24.000 Hz
Frequency Response	48 - 25.000 Hz
SPL IEC268-5, 1W/1m	84,8 dB
SPL EN54-24, Pmax/4m	91,0 dB
Sensitivity EN54-24, 1W/4m	72,8 dB
Sensitivity EN54-24, 1W/1m	84,8 dB
Dispersion -6dB, 500Hz	360° (h) 360° (v)
Dispersion -6dB, 1KHz	200° (h) 155° (v)

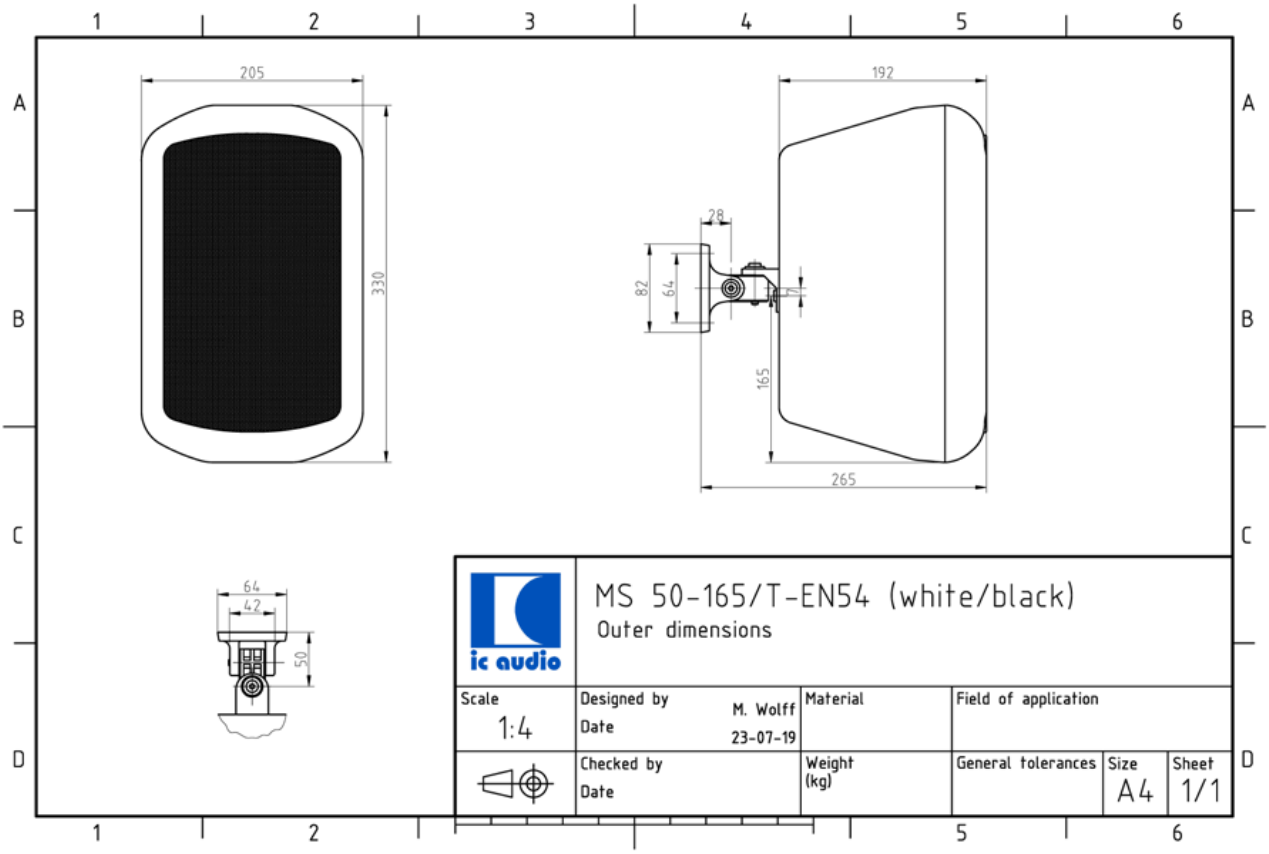
Dispersion -6dB, 2KHz	110° (h) 120° (v)
Dispersion -6dB, 4KHz	80° (h) 25° (v)

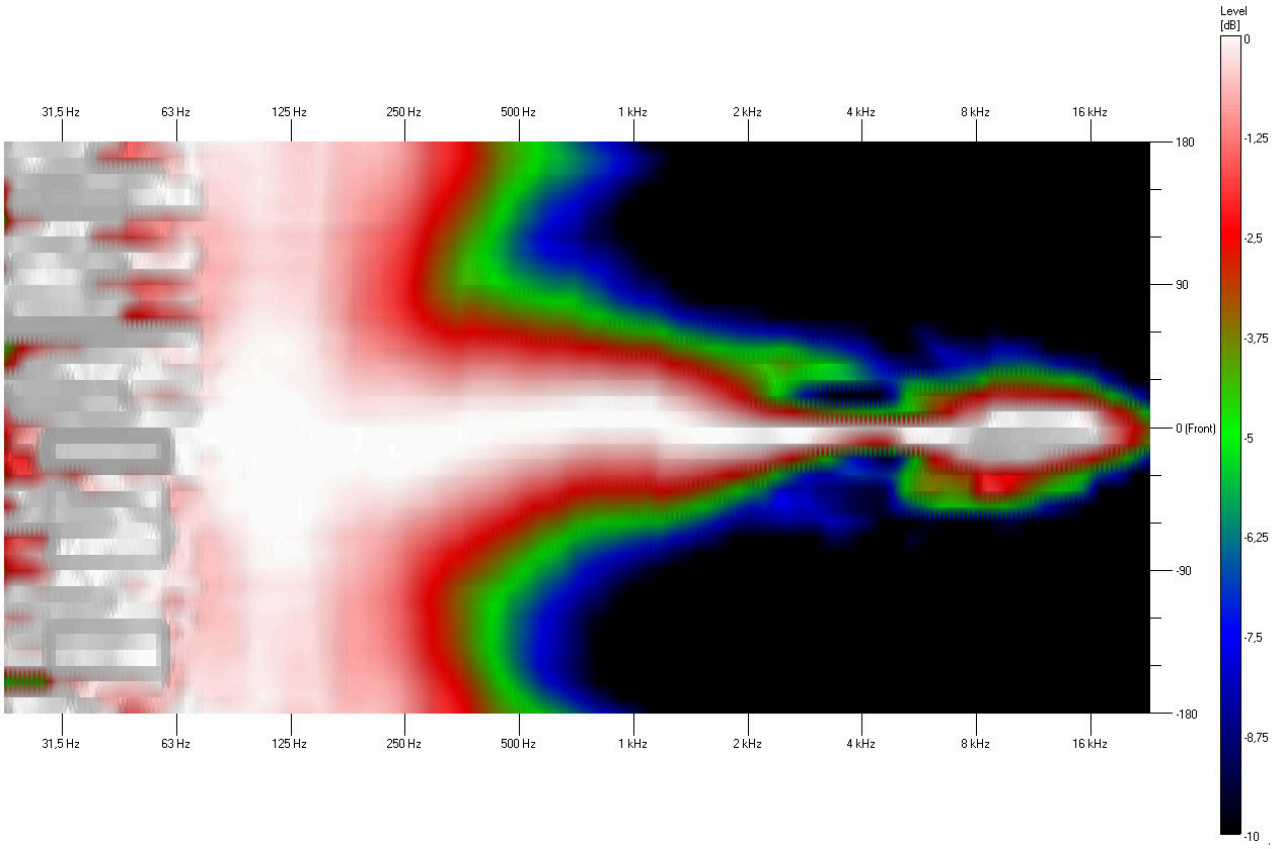
Technical Data (Mechanical)

Dimensions	326x202x192 mm
IP Rating	IP65
Weight (net)	3,65 kg
Temperature range	-25 / +70 °C
Mounting	Swivel bracket
Connector	6-pin screw terminal
Terminal diameter	2,5 mm
Maximum cable passage	4,9 mm^2
Colour	white

Product Attributes

Technical Diagrams





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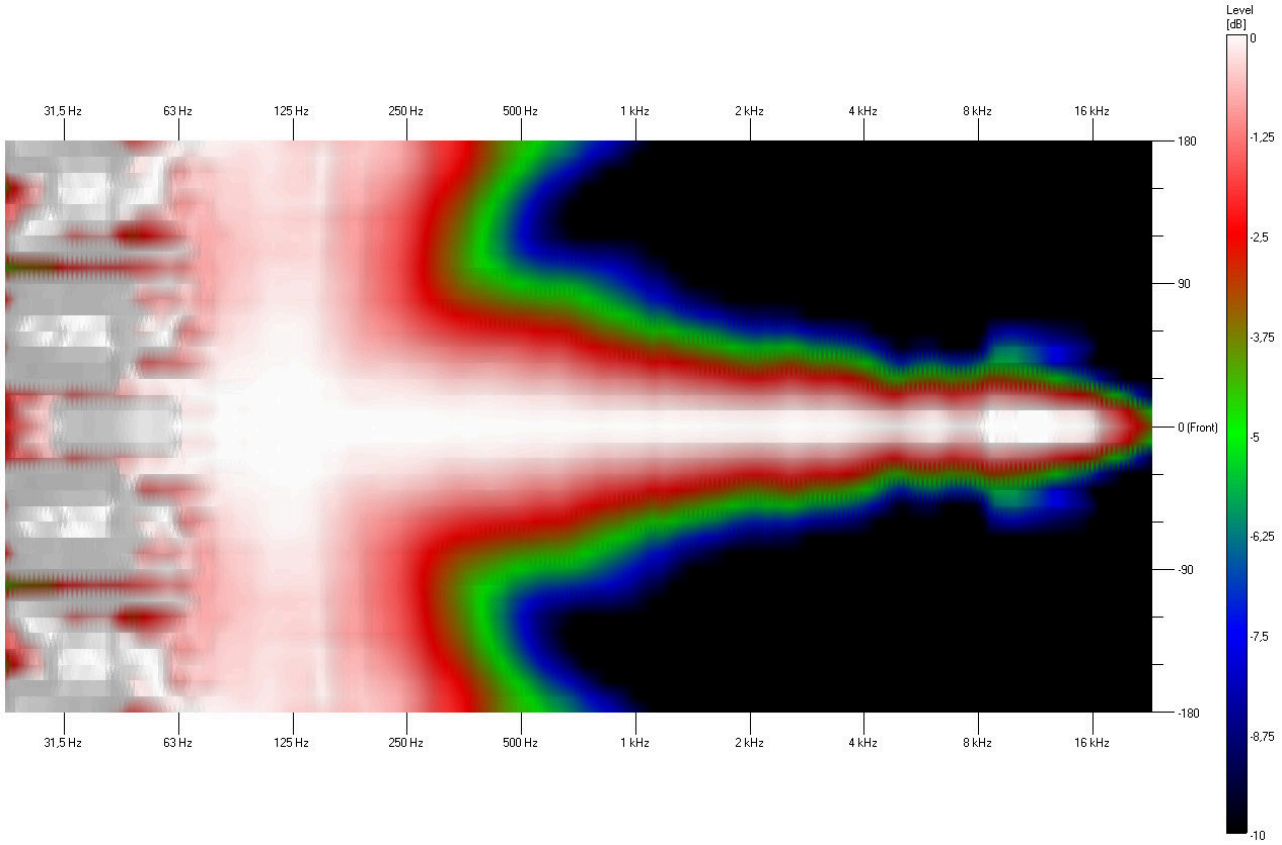
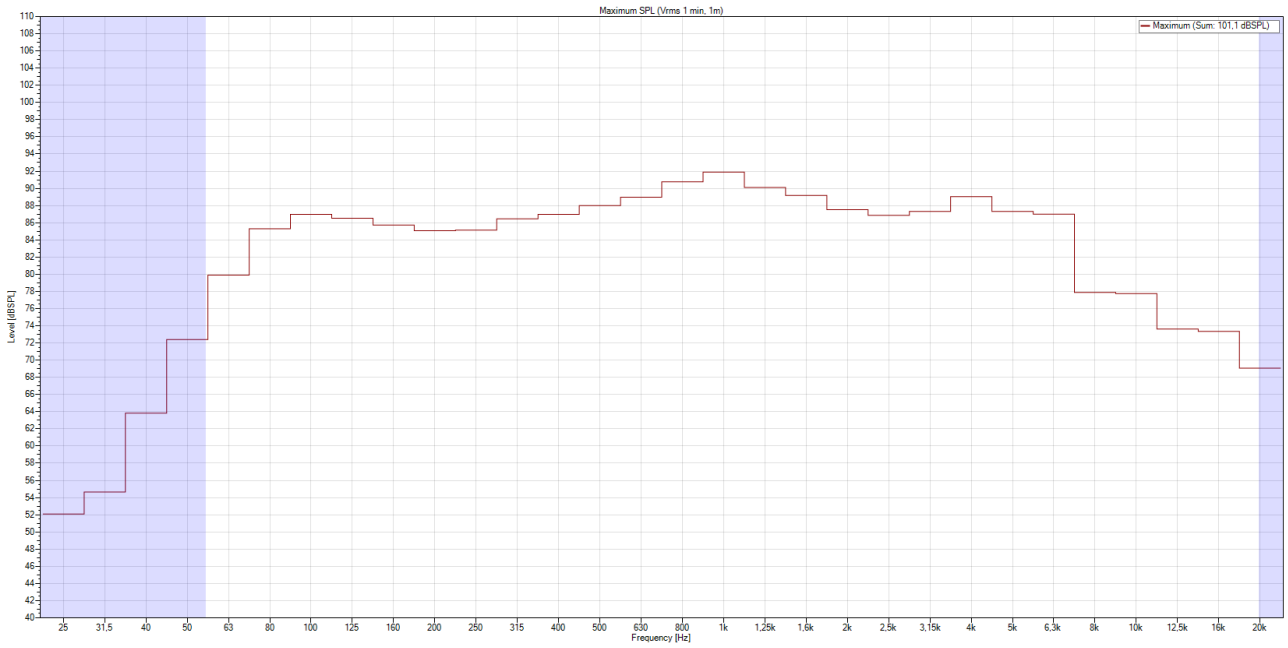
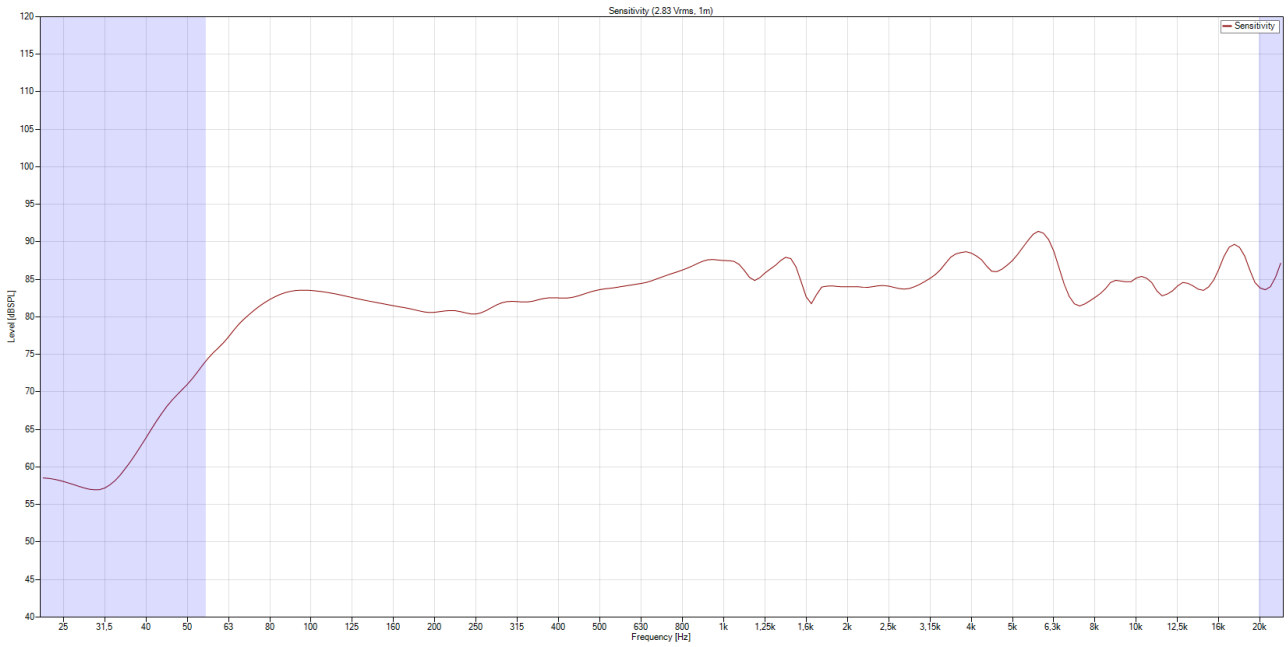
Status: 2024-03-07

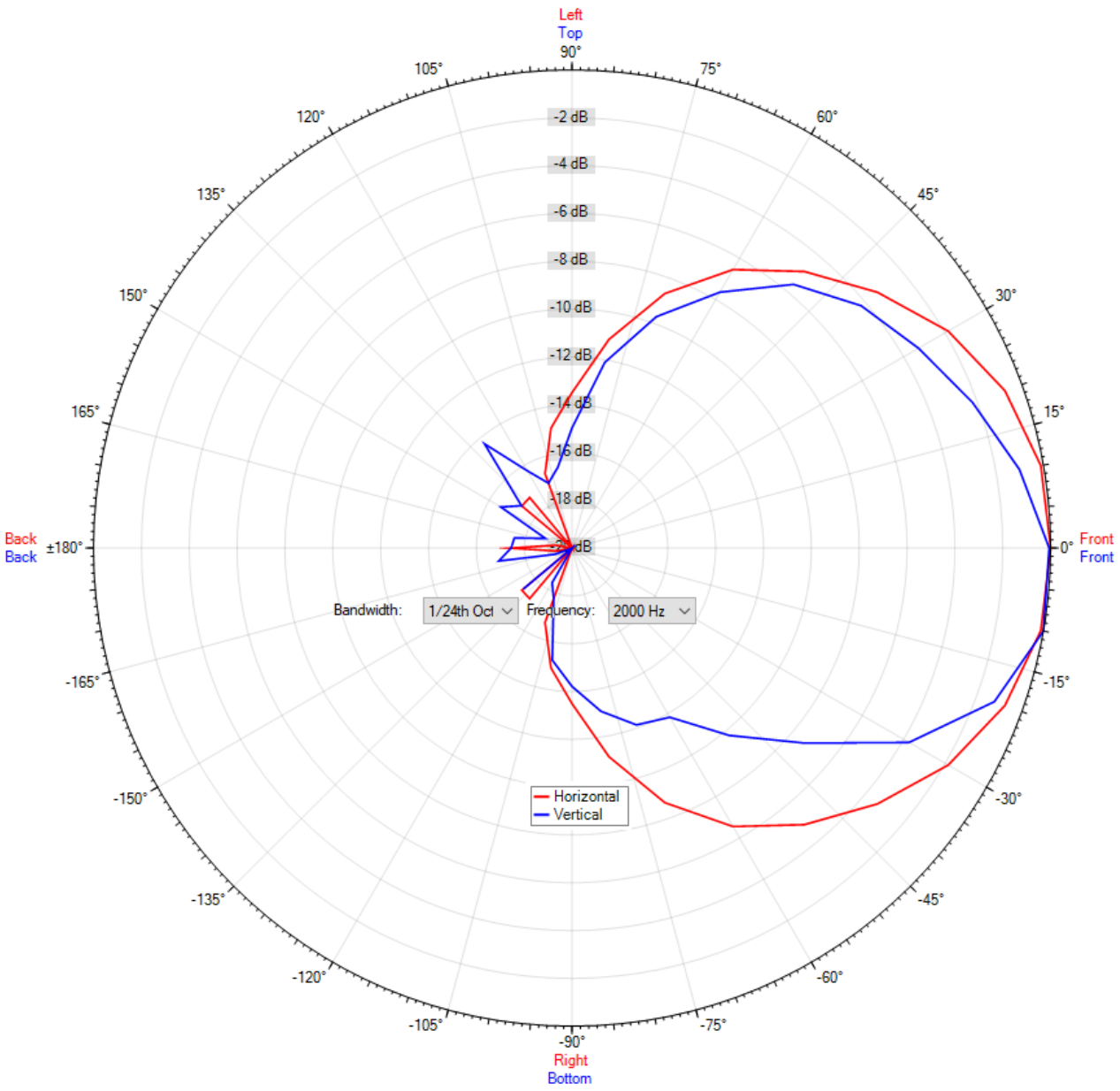


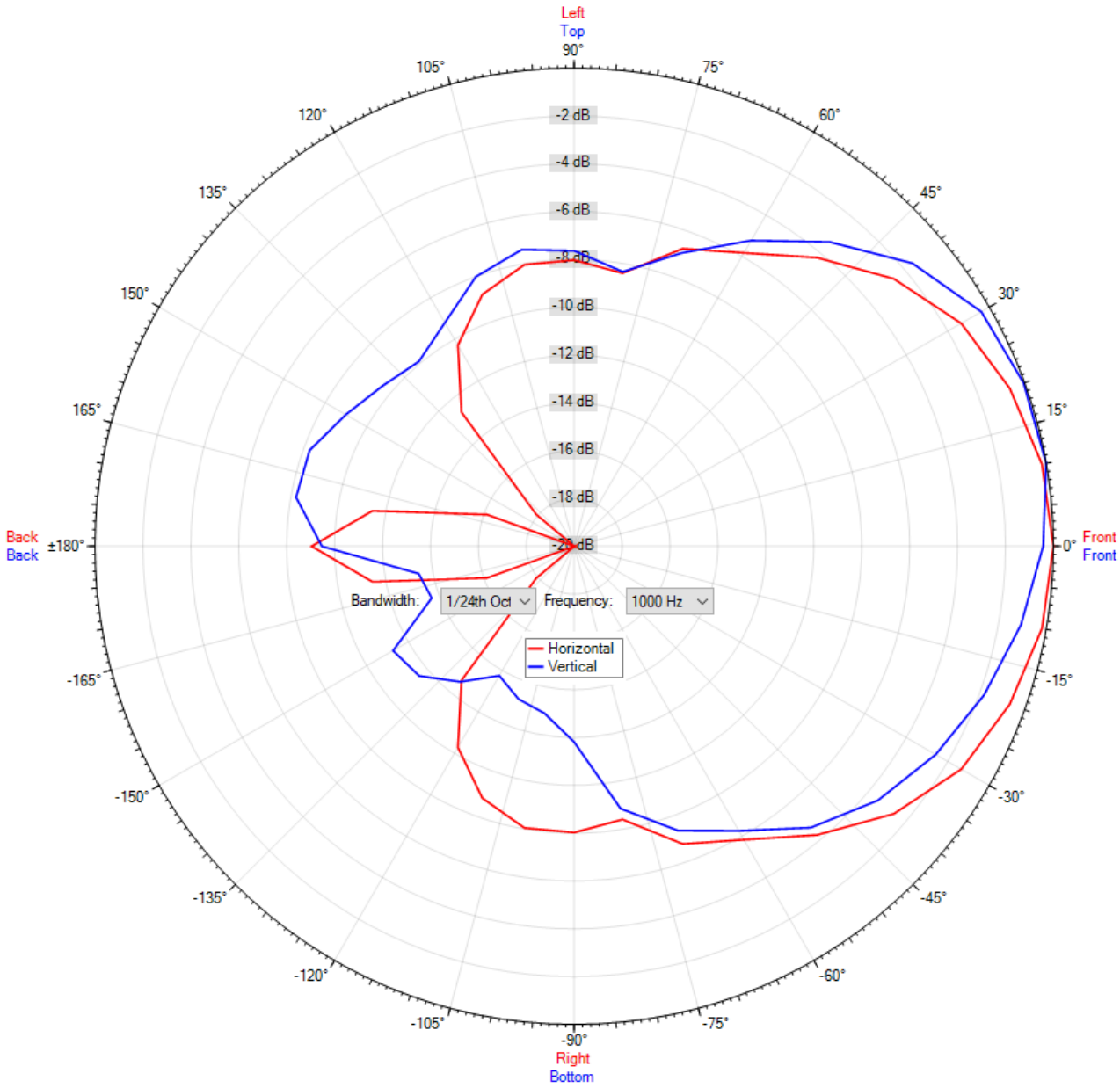
Frequency Response Diagrams





Polar Diagrams


Left
Top
90°
105°
75°
120°
60°
135°
45°
150°
30°
165°
15°
Back
Back
±180°
0°
Front
Front
-165°
-15°
-150°
-30°
-135°
-45°
-120°
-60°
-105°
-75°
-90°
Right
Bottom
-2 dB
-4 dB
-6 dB
-8 dB
-10 dB
-12 dB
-14 dB
-16 dB
-18 dB
-20 dB
Bandwidth:
1/24th Oct
Frequency:
2000 Hz
Horizontal
Vertical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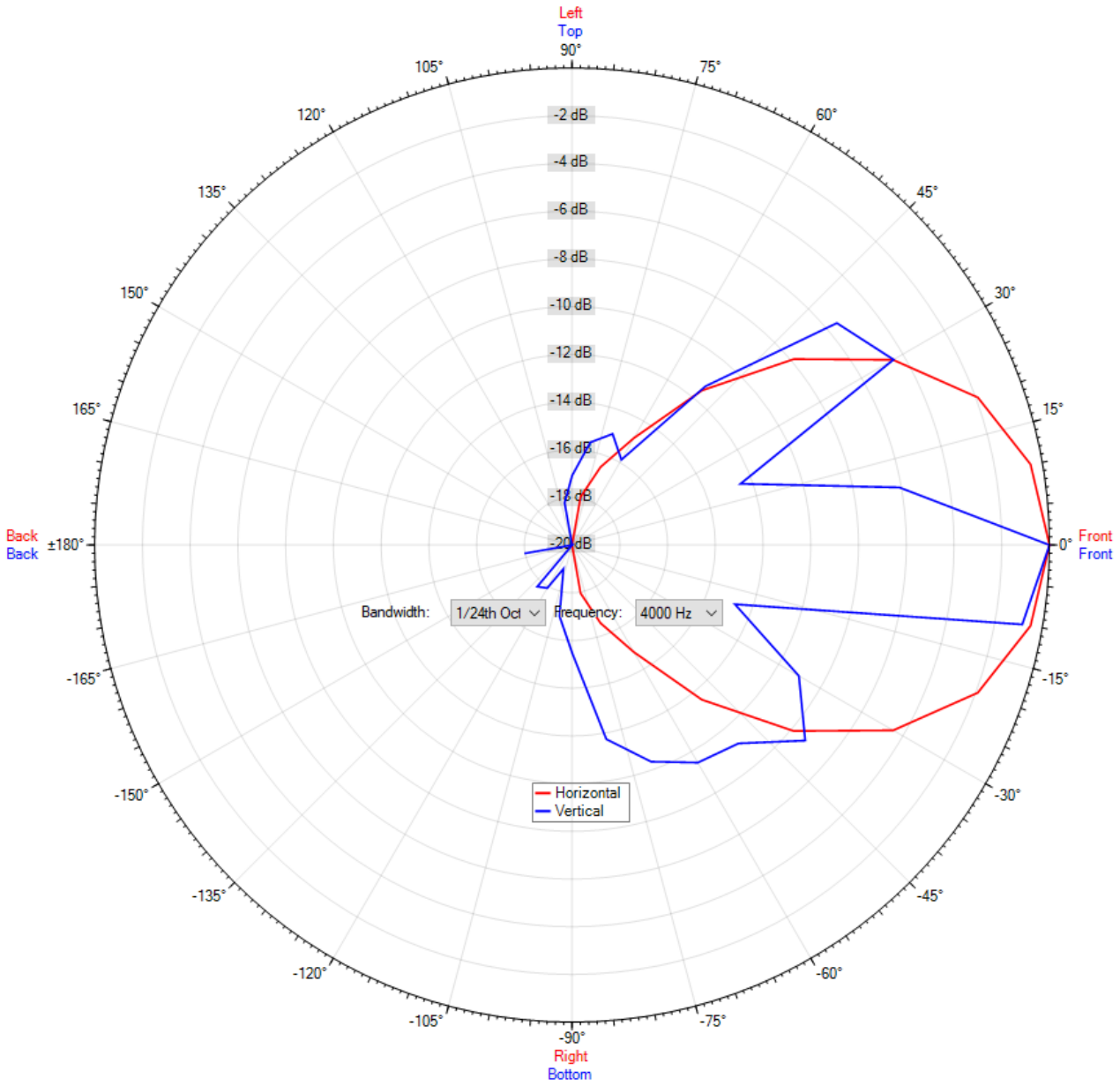
-45°
-120°
-60°
-105°
-75°
-90°
Right
Bottom
-2 dB
-4 dB
-6 dB
-8 dB
-10 dB
-12 dB
-14 dB
-16 dB
-18 dB
-20 dB
Bandwidth:
1/24th Oct
Frequency:
1000 Hz
Horizontal
Vertical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-150°
-30°
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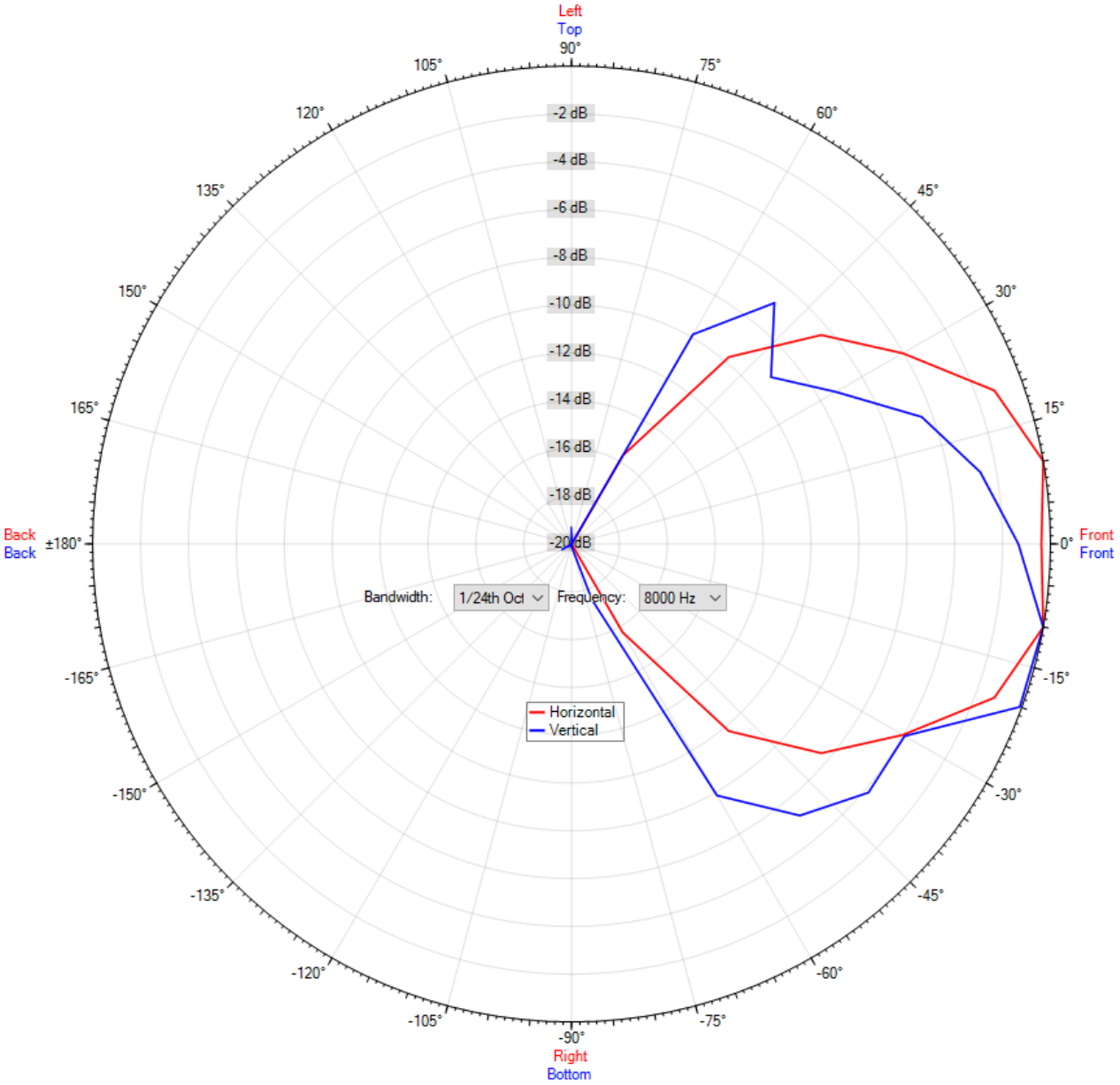
-45°
-120°
-60°
-105°
-75°
-90°
Right
Bottom
-2 dB
-4 dB
-6 dB
-8 dB
-10 dB
-12 dB
-14 dB
-16 dB
-18 dB
-20 dB
Bandwidth:
1/24th Oct
Frequency:
4000 Hz
Horizontal
Vertical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-60°
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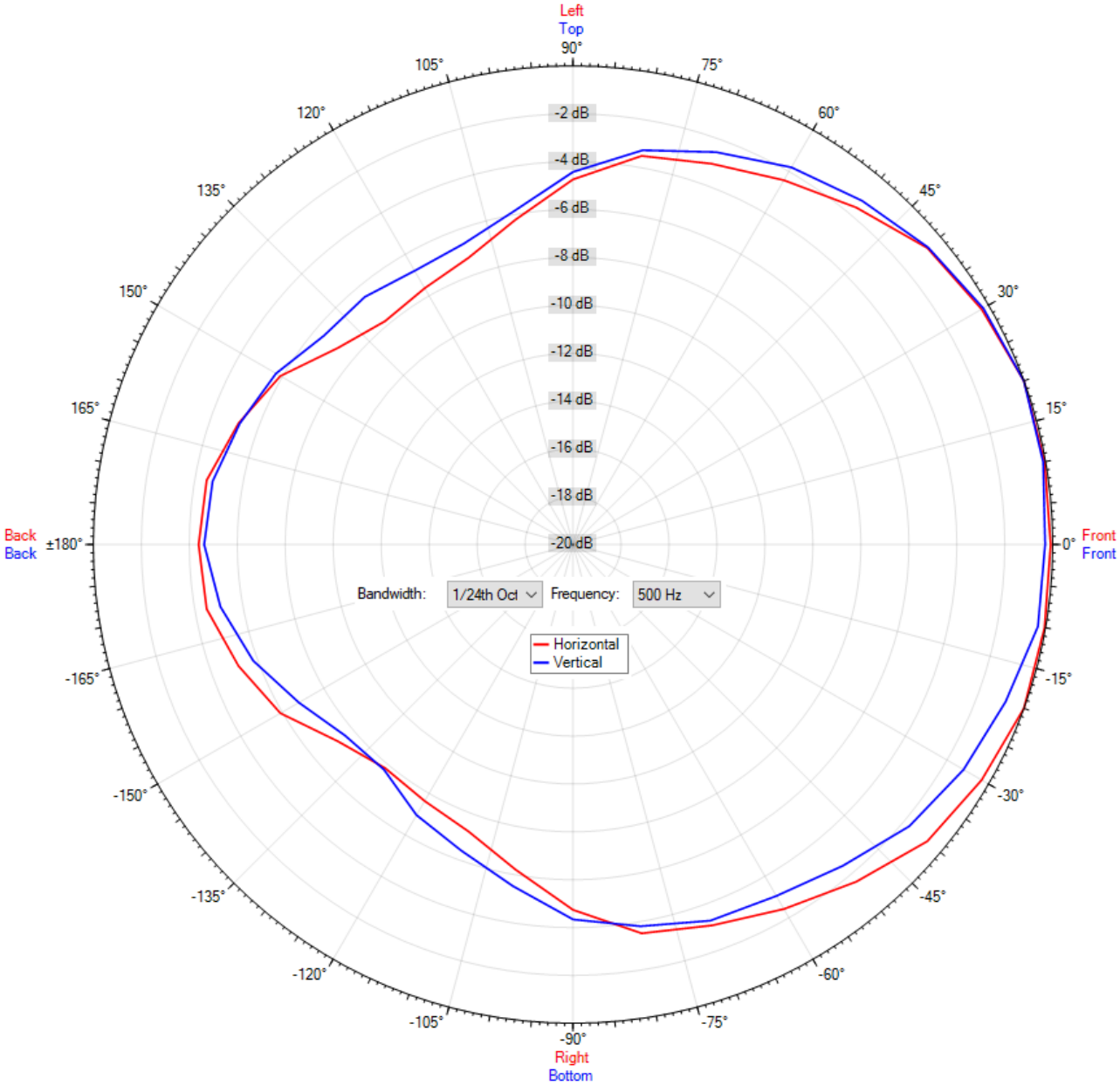
-75°
-90°
Right
Bottom
-2 dB
-4 dB
-6 dB
-8 dB
-10 dB
-12 dB
-14 dB
-16 dB
-18 dB
-20 dB
Bandwidth:
1/24th Oct
Frequency:
8000 Hz
Horizontal
Vertical



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.: 20122647

Packing Unit: 4