

DL-BR 60-200/T plus-EN54

- bass-reflex
- quick mounting
- sturdy metal housing

EN54

CE
20

EN 54-24:2008
Ref. Nr.: 008-19
ID-Code: SAA-LS08
1438-CPR-0698

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CE-Symbol gemäß Richtlinie 93/68EWG

The 60W powered speaker is equipped with a 200mm 2-way bass-reflex system featuring a neodymium tweeter and a 100V transformer with 4 power adjustments. The speaker offers very high sound quality. Low-impedance operation is also possible.

The sturdy metal housing in RAL 9016 guarantees long-term durability. A strain relief fitting provides additional reliability.

The speaker is also protected against the risks of environmental influences with protection class IP 21C and the speaker chassis is impregnated against wetness. Quick and uncomplicated screw mounting, the connection is made via a sturdy 4-pole screw terminal.

Thanks to modern 2-way technology, particularly suitable for installations with demanding sound quality.

Product	DL-BR 60-200/T plus-EN54
Article No	20194133

Acoustics

Power	60/30/15/7,5 (8) W
Impedance (100V)	167/333/667/1333 ohm
Speaker ø	200 mm
Frequency Range	63 - 22.200 Hz
Frequency Response	50 - 24.000 Hz
SPL 1W/1m, peak	93,0 dB
SPL 1W/4m, peak	81,0 dB
SPL Pmax/4m, peak	98,7 dB
SPL IEC268-5, 1W/1m	93,1 dB
Sensitivity EN54-24, 1W/1m	91,2 dB
Sensitivity EN54-24, 1W/4m	79,2 dB
Dispersion -6dB, 500Hz	180° h/v
Dispersion -6dB, 1KHz	165° h/v
Dispersion -6dB, 2KHz	130° h/v
Dispersion -6dB, 4KHz	80° h/v

Connections and Housing

Connector	4-pin screw terminal
Terminal Diameter	2,5 mm
Maximum Cable Passage	4,9 mm²
Max. cable cross section loop	2x4,9 mm²
Temperature Range	-10 / +55 °C
Type A/B	A
Dimensions	320 x 255 mm
Ceiling Cut-out	302 mm
Weight (net)	5,05 kg
Housing	metal
Colour	RAL 9016
Mounting	Quick-mount clamps
IP Rating	IP21

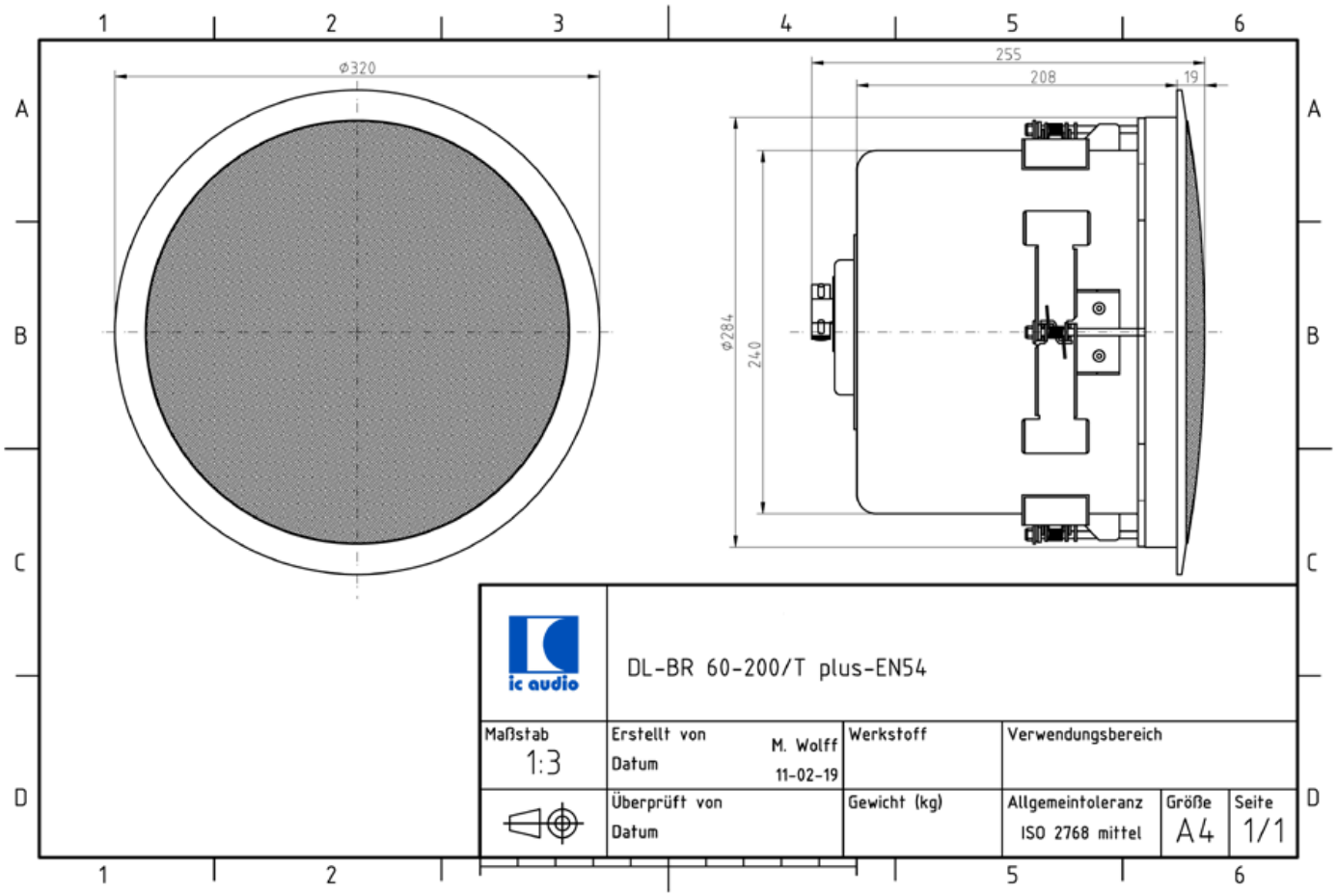
Certification

Ref. Nr.	008-19
ID-Code	SAA-LS08
Certificate Number	1438-CPR-0698

Product Attributes

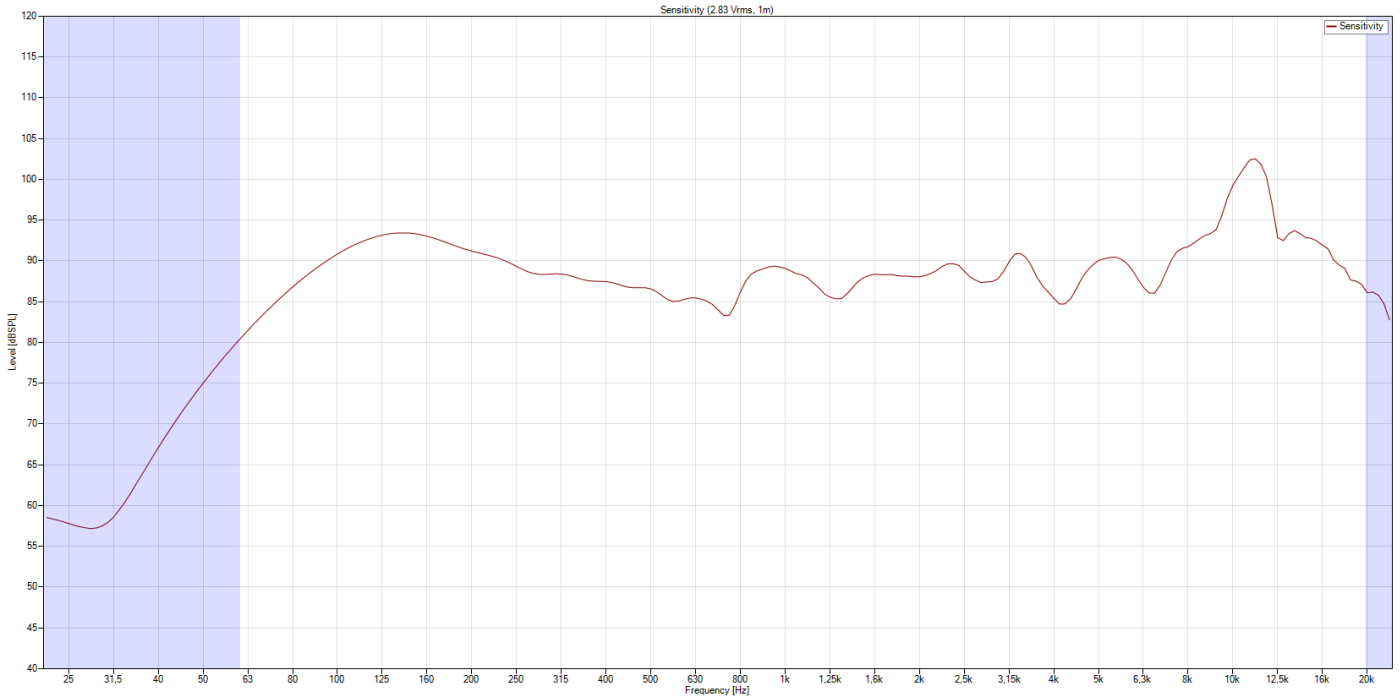


Technical Drawing

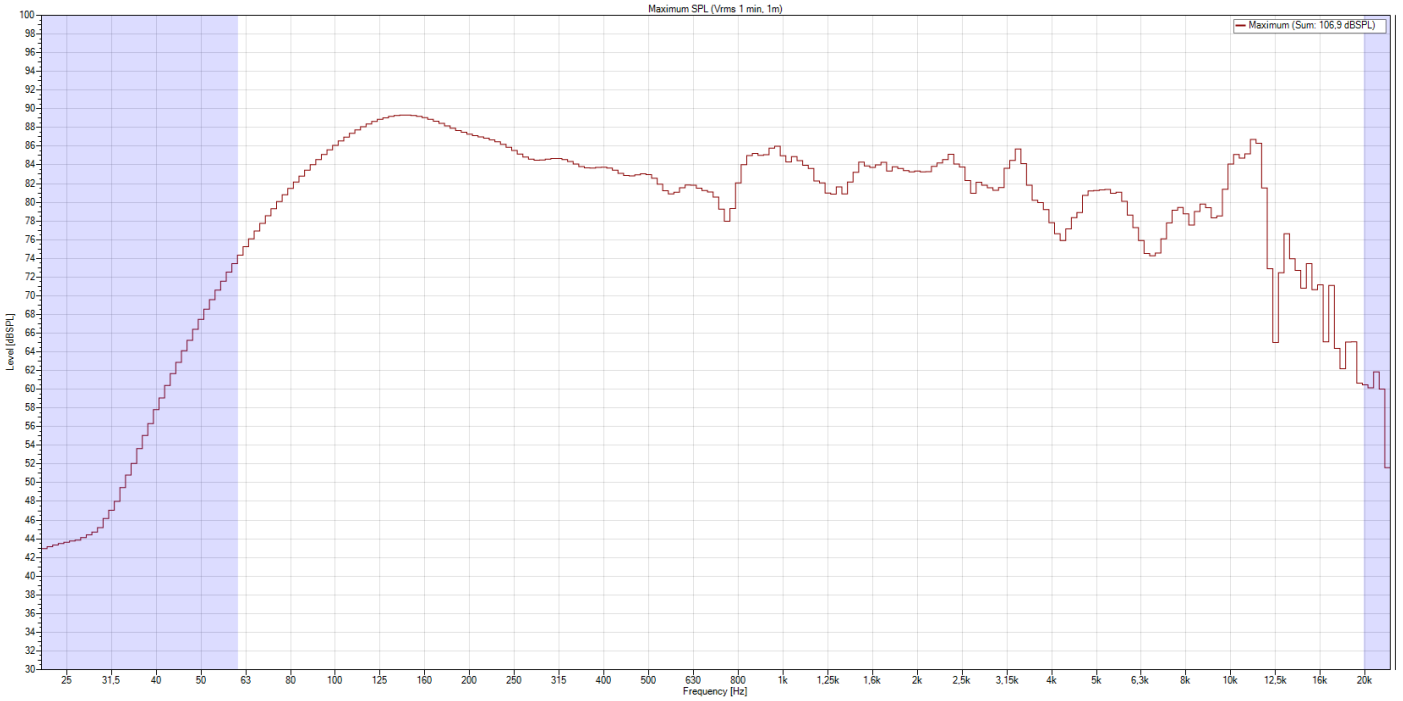


Frequency Response Diagram

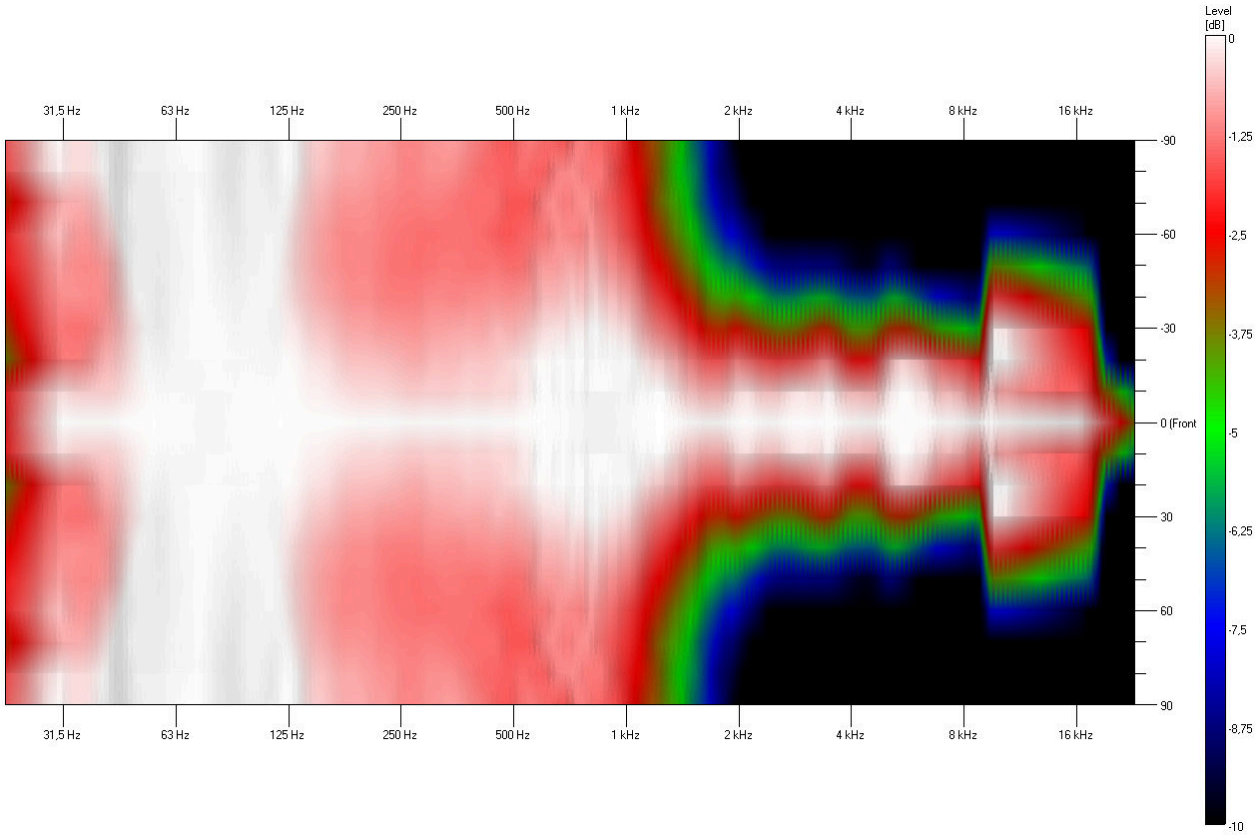
Sensitivity



SPL Max

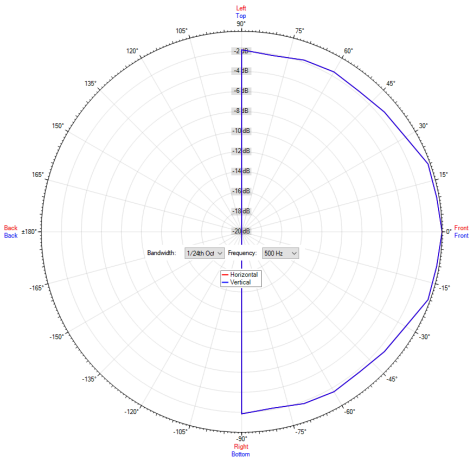


Isobar

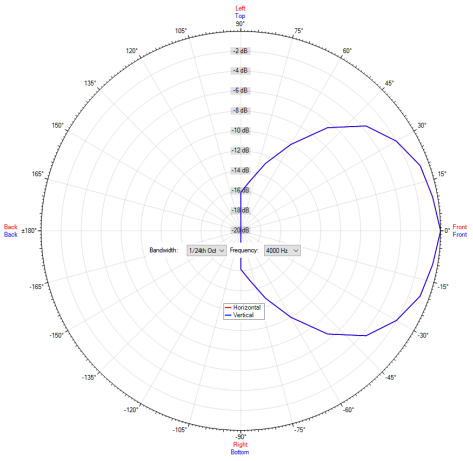

Level [dB]
0
-1,25
-2,5
-3,75
-5
-6,25
-7,5
-8,75
-10
31,5 Hz
63 Hz
125 Hz
250 Hz
500 Hz
1 kHz
2 kHz
4 kHz
8 kHz
16 kHz
-90
-60
-30
0 (Front
30
60
90

Polar Diagram

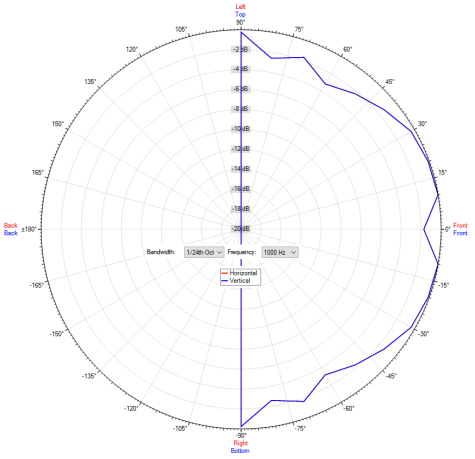
Polar Diagram 500Hz



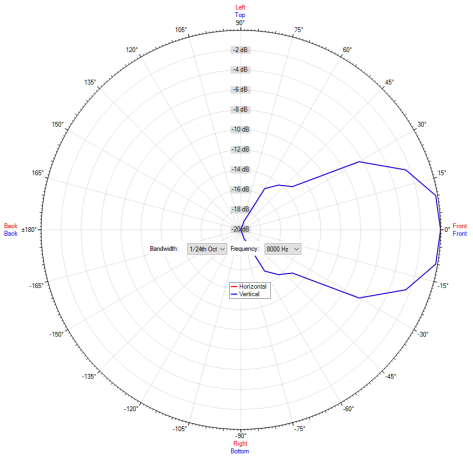
Polar Diagram 4000Hz



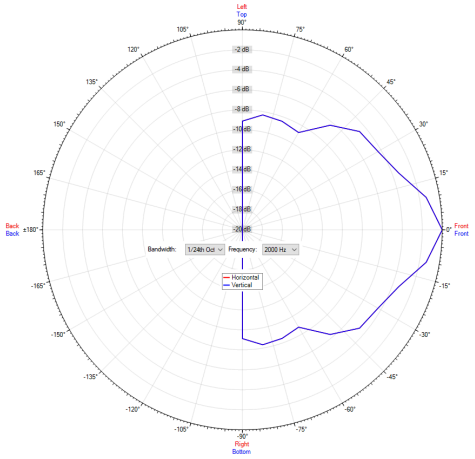
Polar Diagram 1000Hz



Polar Diagram 8000Hz



Polar Diagram 2000Hz



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 No: 20194133
Packing Unit: 2