



## DL-BR-SUB 120/T-EN54

- power adjustment at the front
- 180° phase switch at the front
- tremendous bass response



EN 54-24:2008  
Ref. Nr.: 020-19  
ID-Code: SAA-LS20

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CE-Symbol gemäß Richtlinie 93/68EWG

The 120W powered subwoofer is equipped with a 200mm high-performance system featuring 4 power adjustments. DL-BR-SUB 120 offers an amazing deep bass response which gives your voice alarm installation a rich sound quality.

Power tappings are easily set at the front of the speaker, and a low-impedance operation at 4 ohms is also possible. The crossover frequency is set to 135 Hz. You can change the phase 180° by a switch at the front. To make things perfect the metal housing in RAL 9016 guarantees long-term durability.

Protection class IP 21C secures the speaker against the risks of environmental influences. The speaker chassis is impregnated against wetness.

In combination with wideband loudspeakers, the DL-BR-SUB delivers a sensational music quality that provides a completely new audio experience in EN54 voice alarm installations.

### Technical Data (Electrical)

Description	DL-BR-SUB 120/T-EN54
Power	120/60/30/15/ (4) W
Impedance (100V)	83/167/333/667 ohm
Frequency Range	32-280 Hz (-10 dB)
Frequency Response	50-200 Hz (+-3dB)
Sensitivity EN54-24, 1W/4m	75,0 dB
Sensitivity EN54-24, 1W/1m	87,0 dB

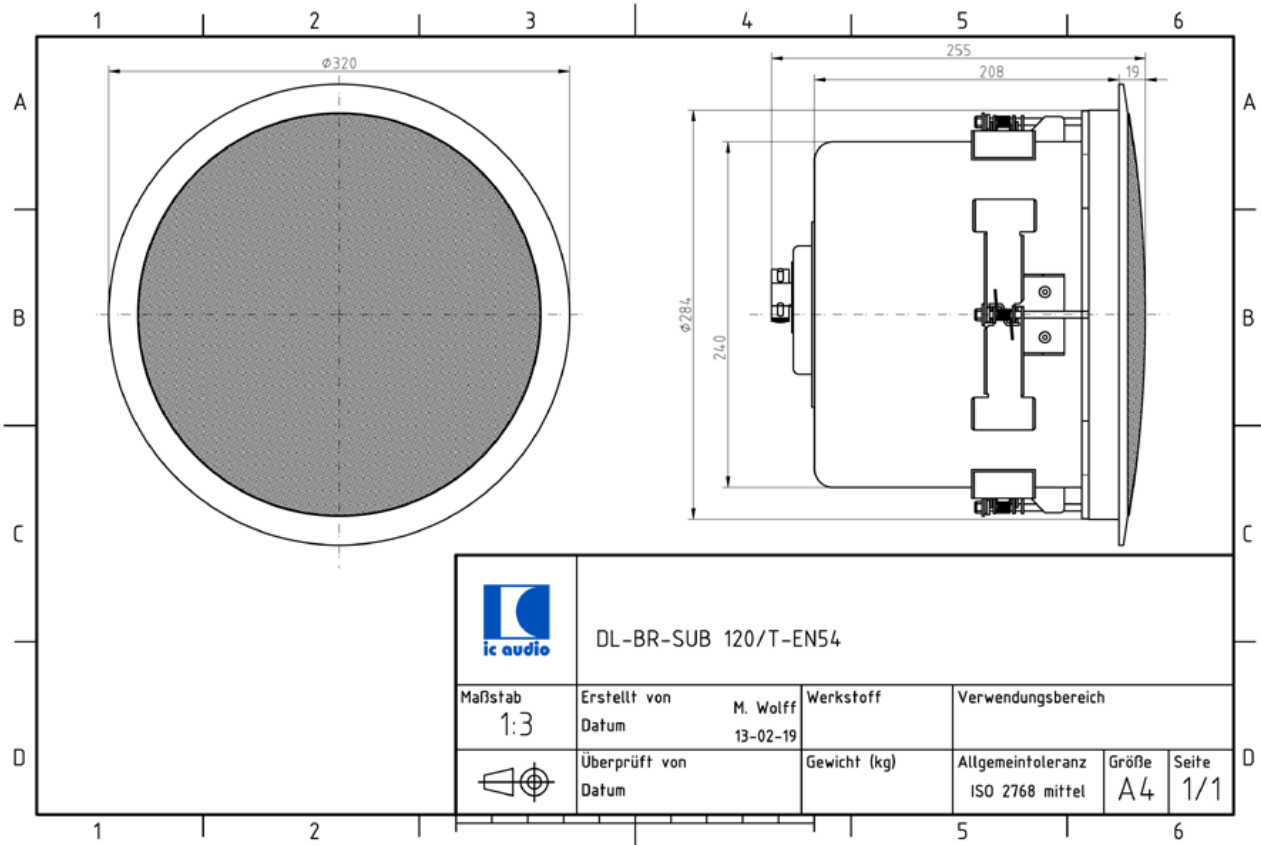
### Technical Data (Mechanical)

Dimensions	319 x 250 mm
IP Rating	IP21
Weight (net)	6,4 kg
Ceiling Cut-out	302 mm
Temperature range	-10 / +55 C°
Mounting	Quick-mount clamps
Connector	4-pin screw terminal
Terminal diameter	2,5 mm
Maximum cable passage	4,9 mm <sup>2</sup>
Colour	RAL 9016

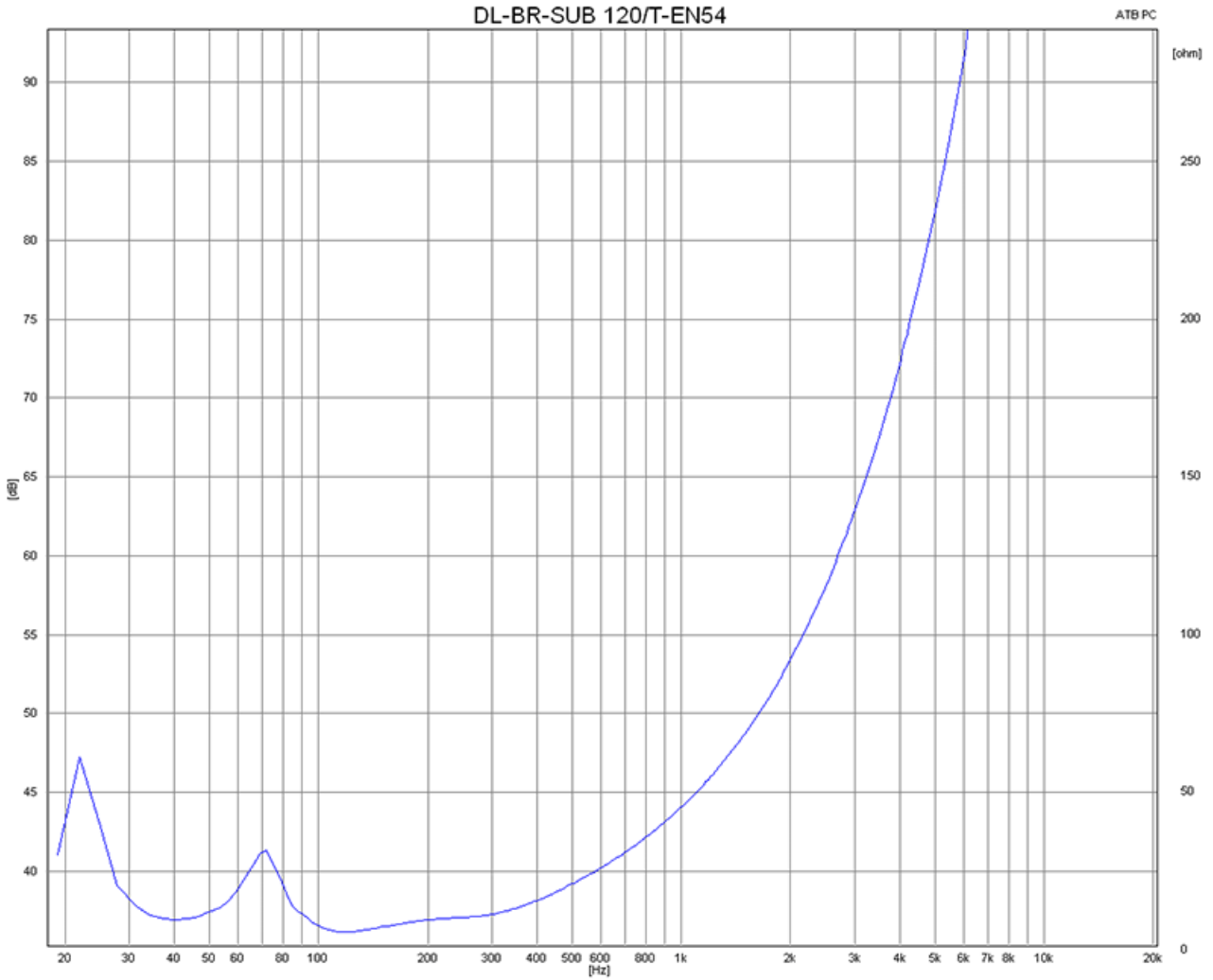
### Product Attributes

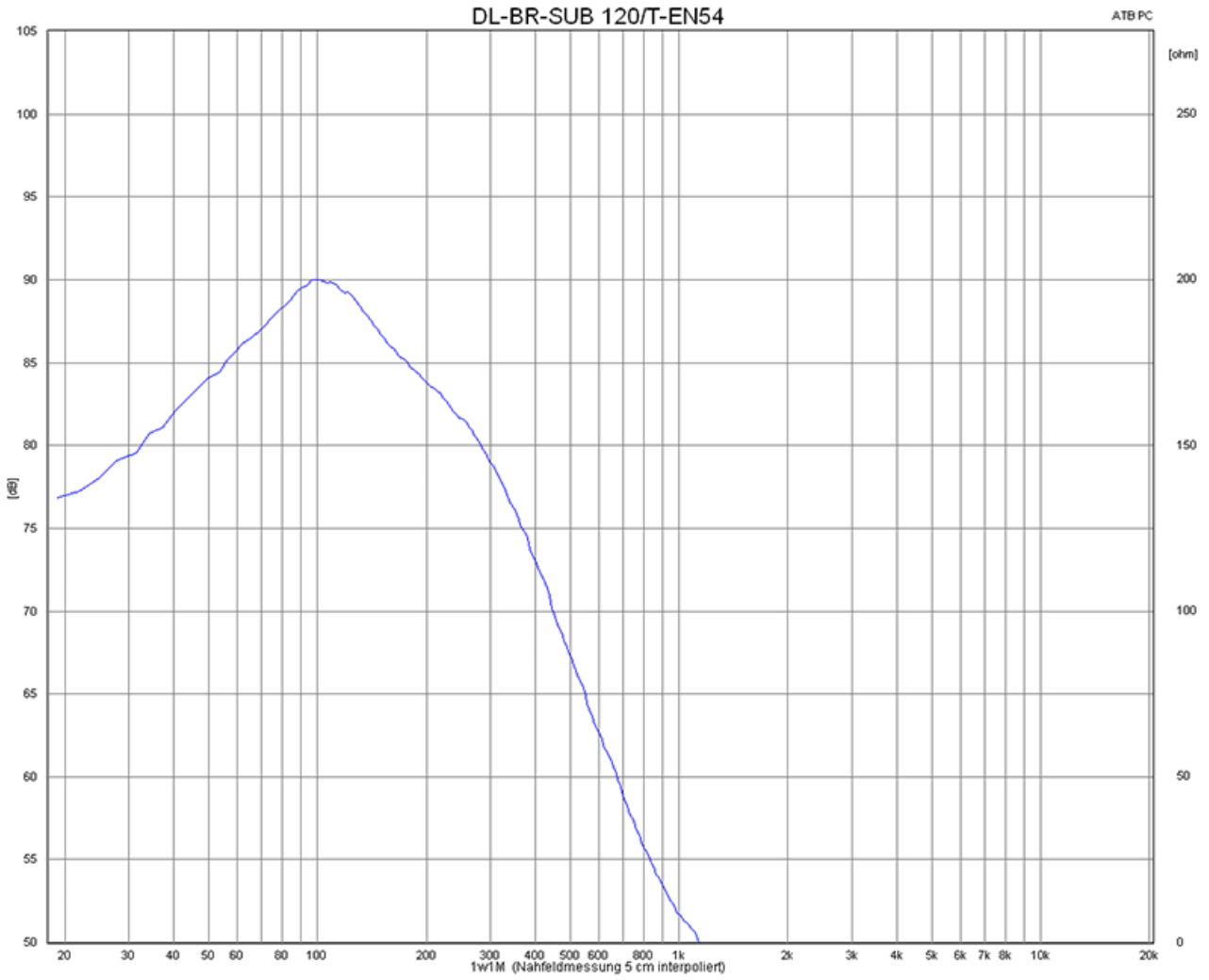


## Technical Diagrams



Frequency Response Diagrams

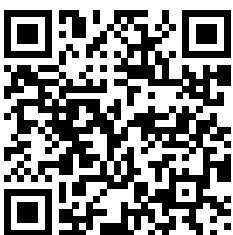




ic audio loudspeakers are tested and classified according to the IEC standard 60529 (degree of protection by enclosure) against the penetration of foreign objects and moisture. The classification is conforming to standards through characterization with a fixed code. This code consists of the letters 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.:** 20194237

**Packing Unit:** 2

