



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

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

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 tapings 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.

Product	DL-BR-SUB 120/T-EN54
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Acoustics

Power	120/60/30/15/ (4) W
Impedance (100V)	83/167/333/667 ohm
Speaker ø	200 mm
Frequency Range	32-280 Hz (-10 dB)
Frequency Response	50-200 Hz (+-3dB)
SPL 1W/1m, peak	90,0 dB
SPL 1W/4m, peak	78,0 dB
SPL Pmax/4m, peak	95,8 dB
Sensitivity EN54-24, 1W/1m	87,0 dB
Sensitivity EN54-24, 1W/4m	75,0 dB

Connections and Housing

Connector	4-pin screw terminal
Terminal Diameter	2,5 mm
Maximum Cable Passage	4,9 mm ²
Max. cable cross section loop	2x4,9 mm ²
Temperature Range	-10 / +55 C°
Type A/B	A
Dimensions	320 x 255 mm
Ceiling Cut-out	302 mm
Weight (net)	6,4 kg
Housing	metal
Colour	RAL 9016
Mounting	Quick-mount clamps
IP Rating	IP21

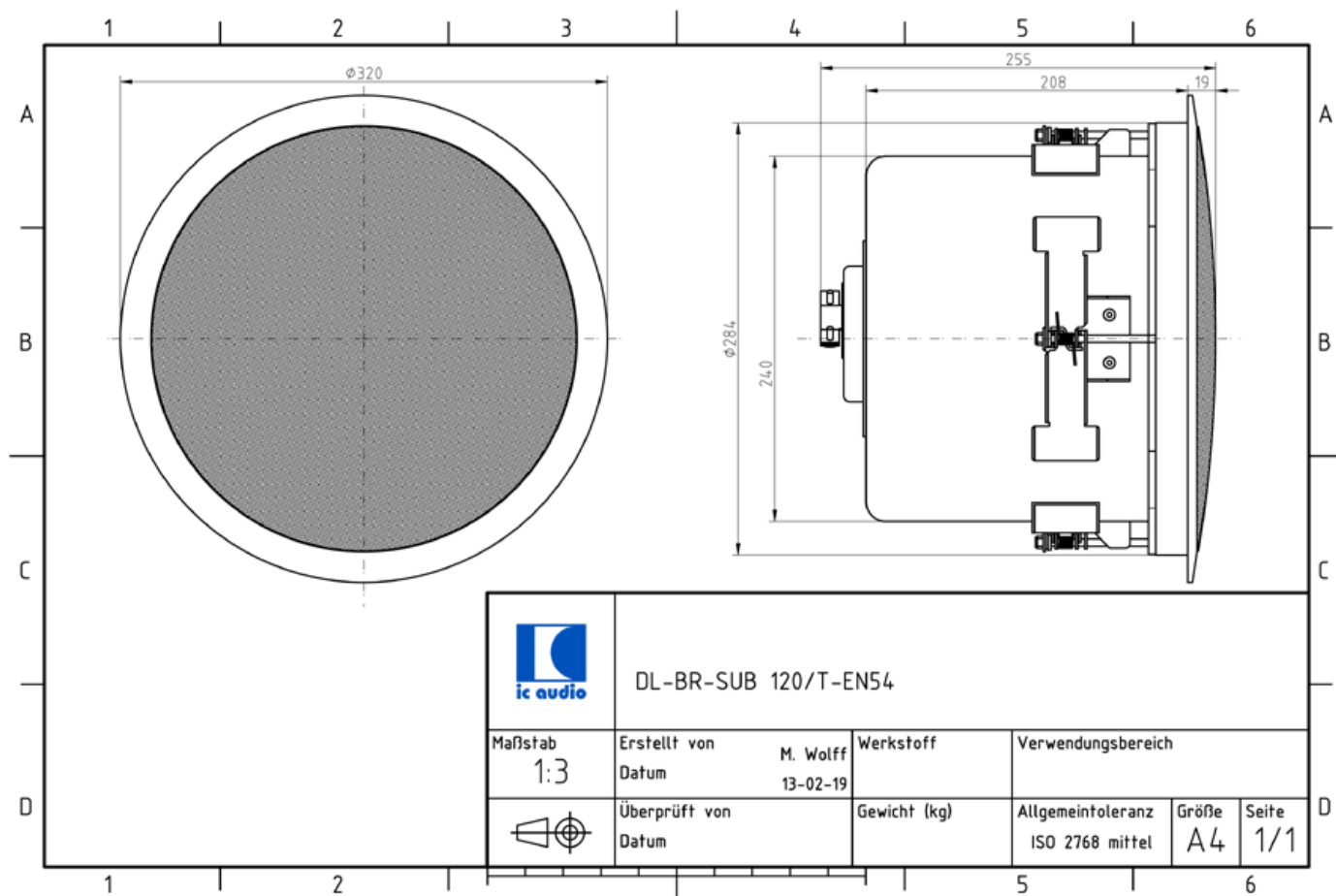
Certification

Ref. Nr.	020-19
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Product Attributes



Technical Drawing



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.



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Packing Unit: 2

