



DA-SG 80-200/T plus green-EN54

- outdoor application
- excellent sound
- 360° sound coverage

EN54

CE

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EN 54-24:2008
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1438-CPR-1143

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CE-Symbol gemäß Richtlinie 93/68EWG

The innovative DA-SG voice alarm loudspeaker opens up a new dimension in sound quality and safety. Perfect for use in a wide variety of environments such as amusement parks, hotels, sports facilities and many more.

With its powerful 2-way system and impressive 80W, the bass-reflex outdoor loudspeaker ensures outstanding music reproduction and generates a high sound pressure level. The 200mm woofer and 25mm tweeter guarantee crystal-clear audio reproduction. The 360° dispersion of the sound enables an even sound distribution over the entire range.

The power adjustments and the fine-tuning for music and voice alarms can be easily adjusted using the rotary switch.

Thanks to its weather resistance, this loudspeaker is ideal for outdoor use. The sturdy UV-resistant ABS plastic housing and high-quality materials, such as the polypropylene chassis, guarantee reliable performance in various weather conditions.

The speaker is also equipped with a cable junction box, a ceramic terminal and a thermal fuse. With flexible mounting options - whether by burying, casting in concrete or simply fixing with screws - this speaker adapts effortlessly to the individual environment.

Product	DA-SG 80-200/T plus green-EN54
Article No	20248438

Acoustics

Power	80/40/20/10 W
Impedance (100V)	125/250/500/1000 (8 ohm)
Speaker ø	200 mm
Frequency Range	49 - 19.000 Hz (music) | 70 - 20.000 Hz (voice alarm)
Frequency Response	40 - 24.000 Hz (music) | 63 - 24.000 Hz (voice alarm)
SPL 1W/1m, peak	89,0 dB (music) | 91,0 dB (voice alarm)
SPL 1W/4m, peak	77,0 dB (music) | 79,0 dB (voice alarm)
SPL Pmax/4m, peak	96,0 dB (music) | 98,0 dB (voice alarm)
SPL IEC268-5, 1W/1m	82,6 dB (music) | 80,6 dB (voice alarm)
SPL IEC268-5, Pmax/1m	104,9 dB (music) | 103,6 dB (voice alarm)
Sensitivity EN54-24, 1W/1m	86,0 dB
Sensitivity EN54-24, 1W/4m	73,3 dB (music) | 68,0 dB (voice alarm)
Dispersion -6dB, 500Hz	360° h/v
Dispersion -6dB, 1KHz	360°/235° h/v
Dispersion -6dB, 2KHz	360°/230° h/v
Dispersion -6dB, 4KHz	75°/135° h/v

Connections and Housing

Connector	5-pin ceramic block
Temperature Range	-25 / +70 C°
Type A/B	B
Dimensions	380x443 mm
Weight (net)	6,31 kg
Housing	ABS
Colour	RAL 6003
Mounting	surface mounted or set in ground
IP Rating	IP66

Certification

Certificate Number	1438-CPR-1143

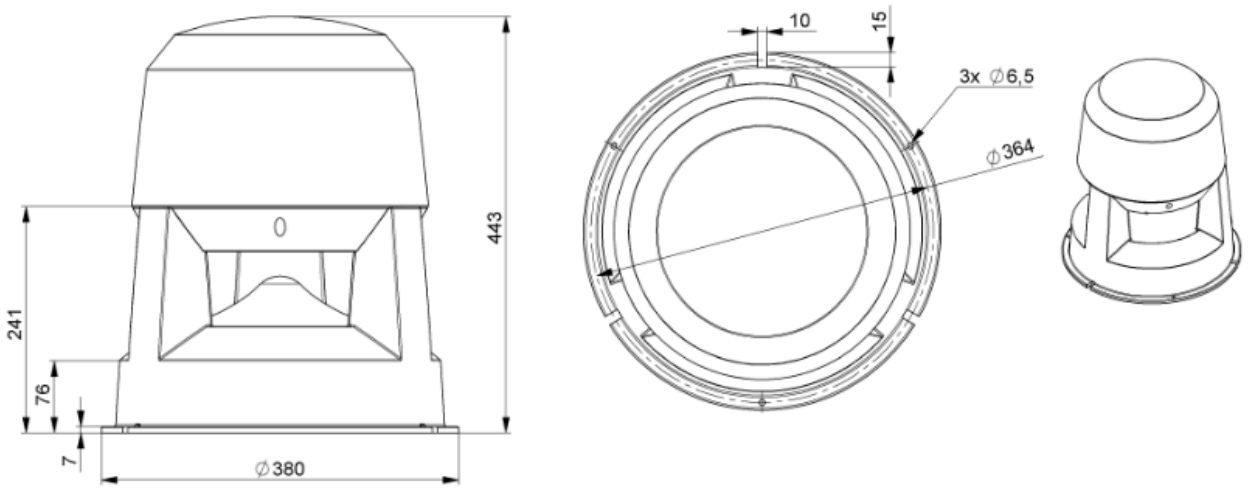
Product Attributes



Technical Drawing

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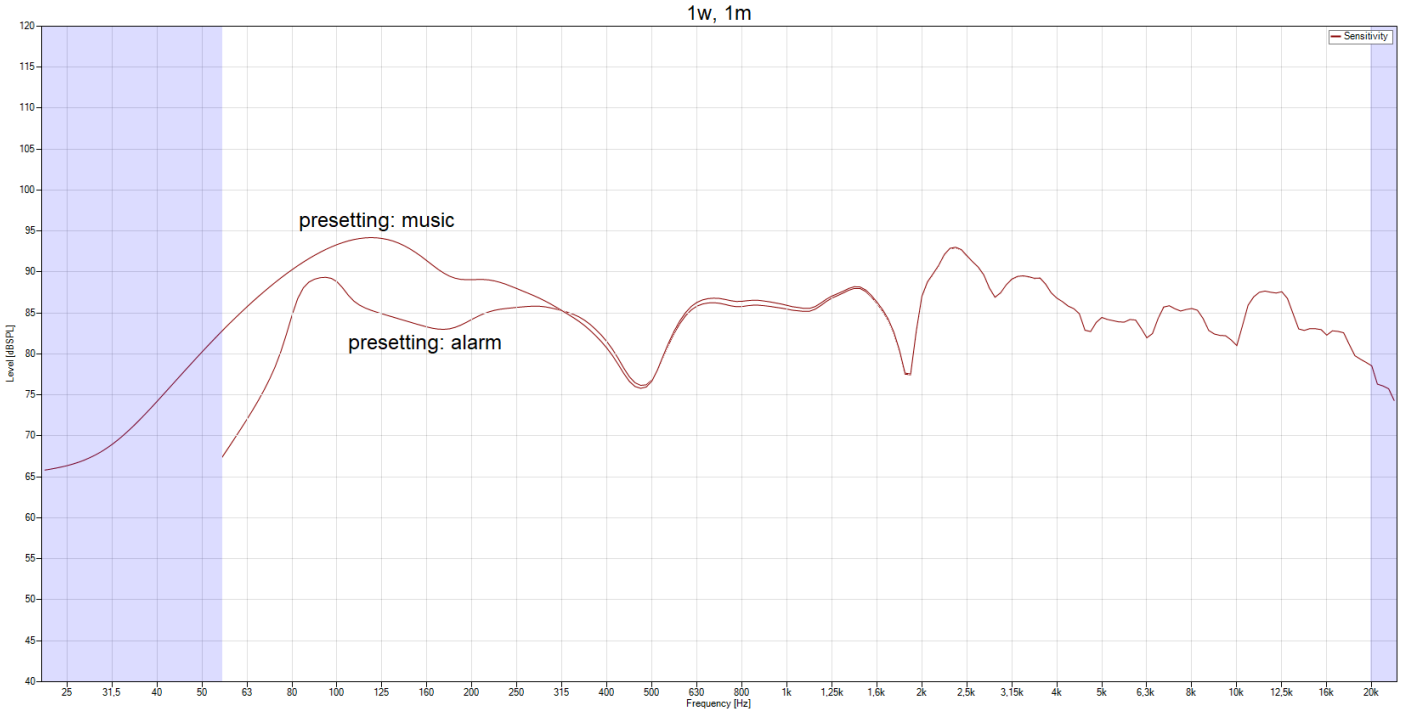
DA-SG 80-200/T plus-EN54



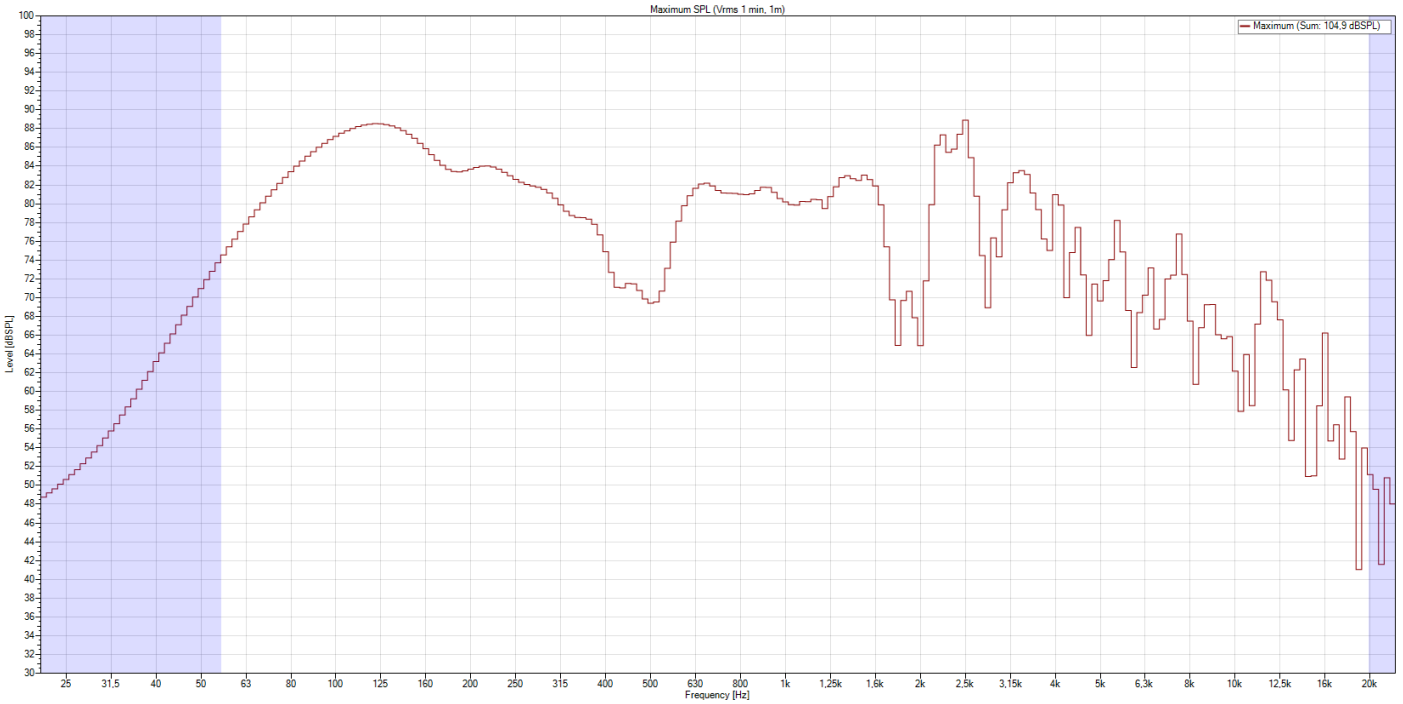
all dimensions are in mm

Frequency Response Diagram

Sensitivity

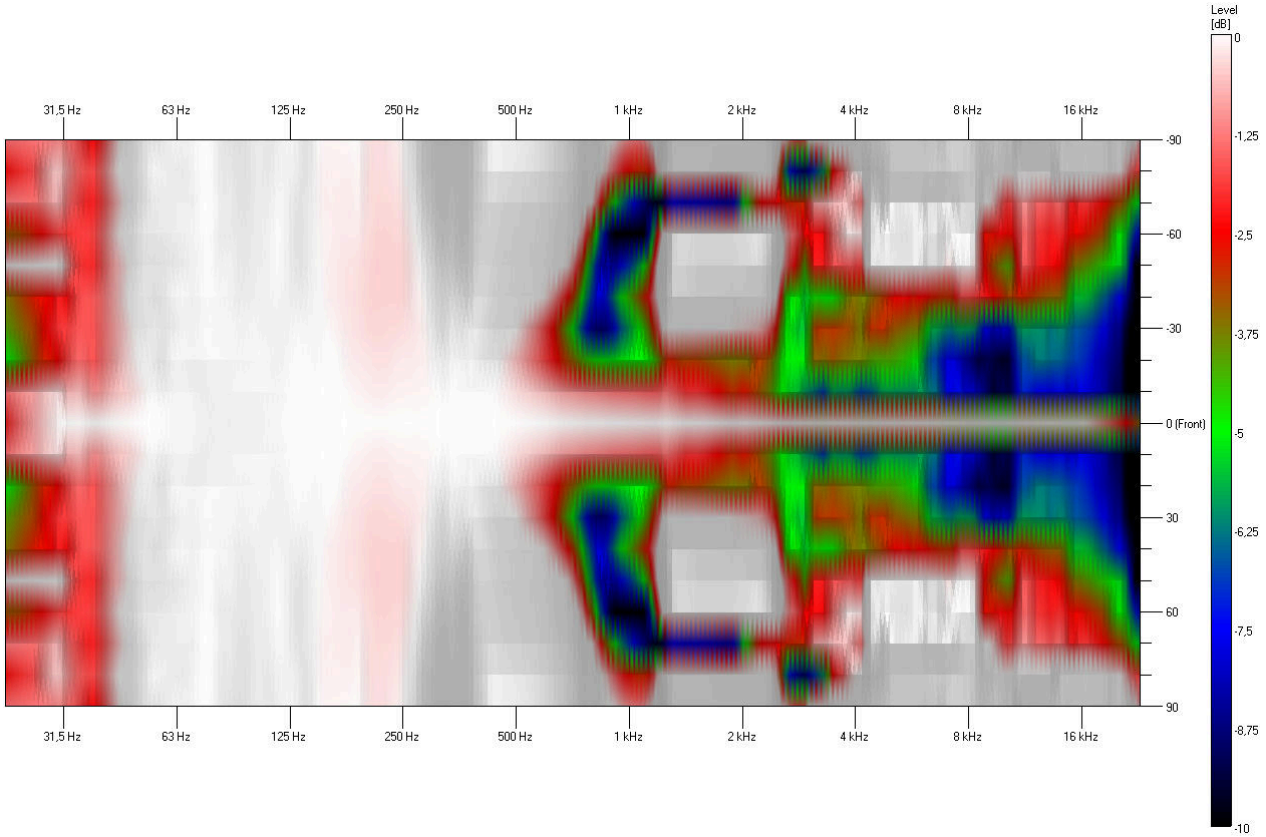


SPL Max

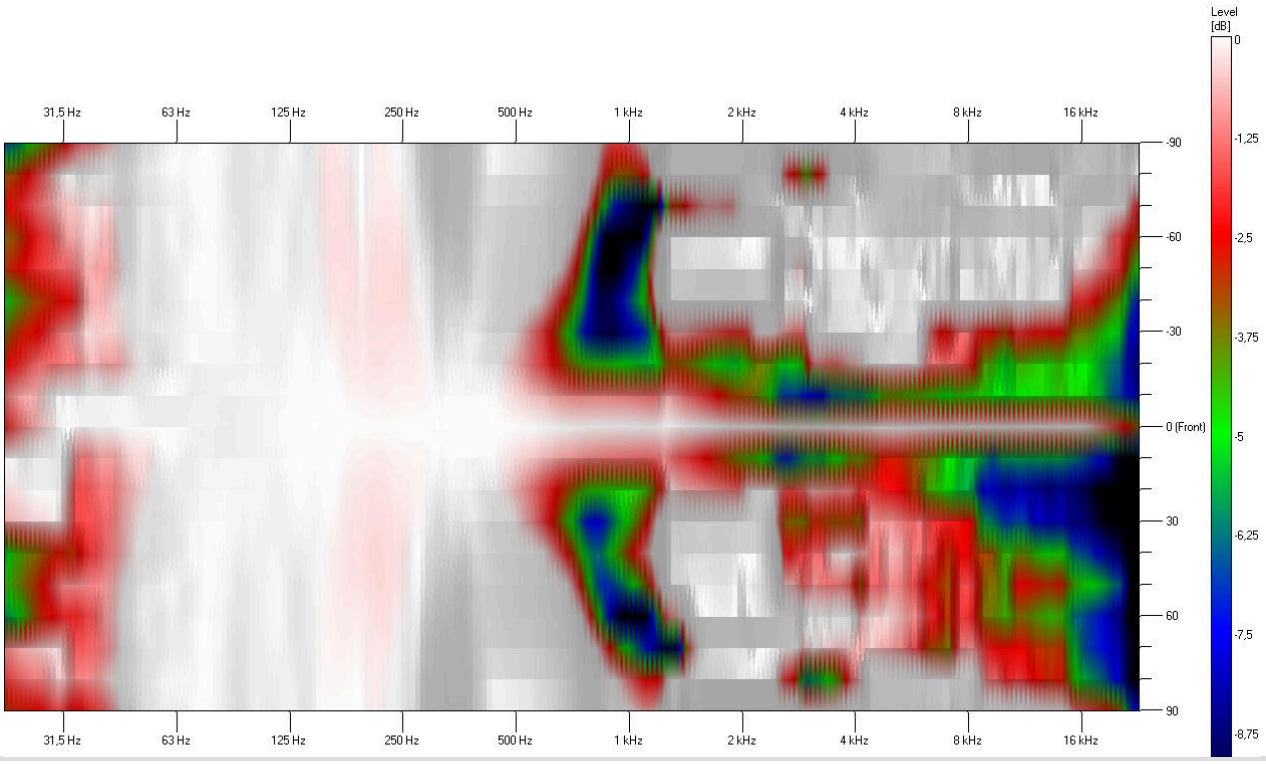


Isobar

Horizontal

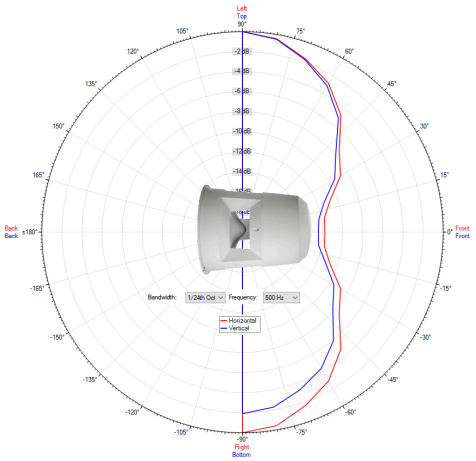


Vertical

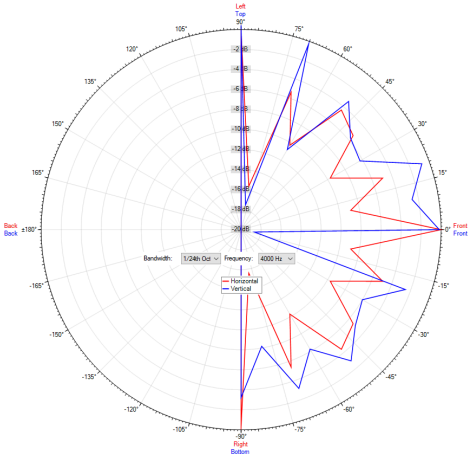


Polar Diagram

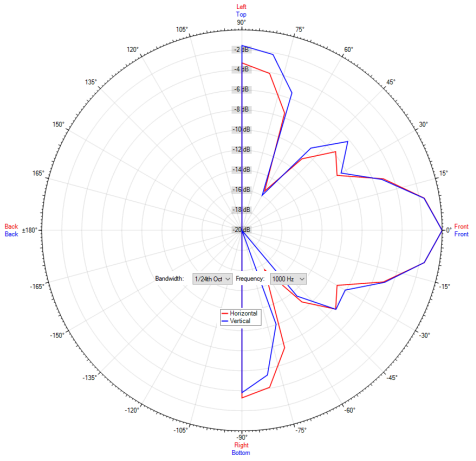
Polar Diagram 500Hz



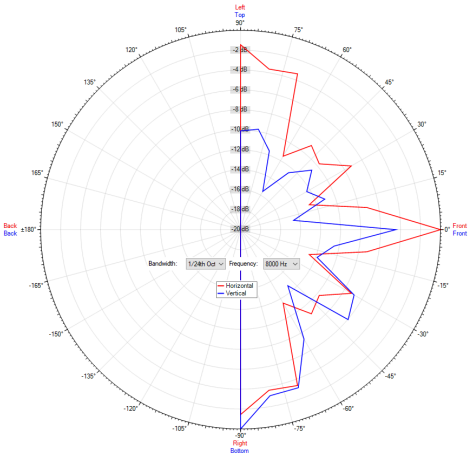
Polar Diagram 4000Hz



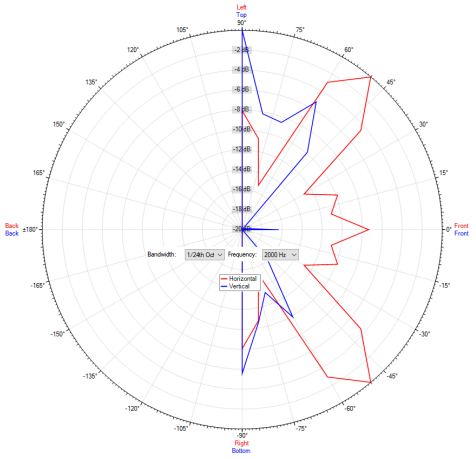
Polar Diagram 1000Hz



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: 20248438
Packing Unit: 4