

WA 06-165/T Metal-EN54 STR

- All-metal construction
- Vandal-proof
- LED strobe flashlight

EN54

CE 17

EN 54-24:2008
Ref. Nr.: 007-13
ID-Code: SAA-LS07
1438-CPR-0231

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68307 Mannheim, Germany

CE-Symbol gemäß Richtlinie 93/68EWG

This loudspeaker is the ideal choice for sensitive application areas such as prisons and industrial environments where plastics or wood cannot be used.

The 6W speaker is equipped with a 165 mm full-range driver and a 100V transformer with three power taps. In addition, the unit features a high-performance strobe light with impressive specifications:

The new ultra–cold white 3W LED delivers extremely bright and highly visible strobe signalling, offering a colour temperature of 20,000 K and up to 200 lumens of light output. Thanks to its wide 140° beam angle, the illumination remains uniform and easily perceptible even under demanding conditions. The strobe LED operates at a supply voltage of 24V DC.

The extremely robust metal housing in RAL 9010 with corrosion-resistant powder coating provides exceptional durability while maintaining a discreet appearance. Additional operational safety is ensured by the integrated 2-pin ceramic terminal block, a thermal fuse, and the moisture impregnation of the loudspeaker chassis.

The speaker is also protected against environmental influences with an IP21C rating and complies with British Standard BS 5839, Part 8.

Product	WA 06-165/T Metal-EN54 STR
Article No	20206749

Acoustics

Power	6/3/1,5 W
Impedance (100V)	1667/ 3333/6667 ohm
Speaker ø	165 mm
Frequency Range	170 - 18.500 Hz
Frequency Response	70 - 23.500 Hz
Light intensity	14 cd
SPL 1W/1m, peak	98,3 dB
SPL 1W/4m, peak	86,3 dB
SPL Pmax/4m, peak	94,0 dB
SPL IEC268-5, 1W/1m	94,0 dB
Sensitivity EN54-24, 1W/1m	94,0 dB
Sensitivity EN54-24, 1W/4m	82,0 dB
Dispersion -6dB, 500Hz	180° h/v
Dispersion -6dB, 1KHz	160° h/v
Dispersion -6dB, 2KHz	120° h/v
Dispersion -6dB, 4KHz	76° h/v

Connections and Housing

Connector	2-pin ceramic block
Terminal Diameter	3,2 mm
Maximum Cable Passage	8 mm²
Max. cable cross section loop	2x2 mm²
Temperature Range	-10 / +55 C°
Type A/B	A
Dimensions	253x193x82 mm
Weight (net)	1,95 kg
Housing	metal
Colour	RAL 9010
Mounting	Screws
IP Rating	IP21

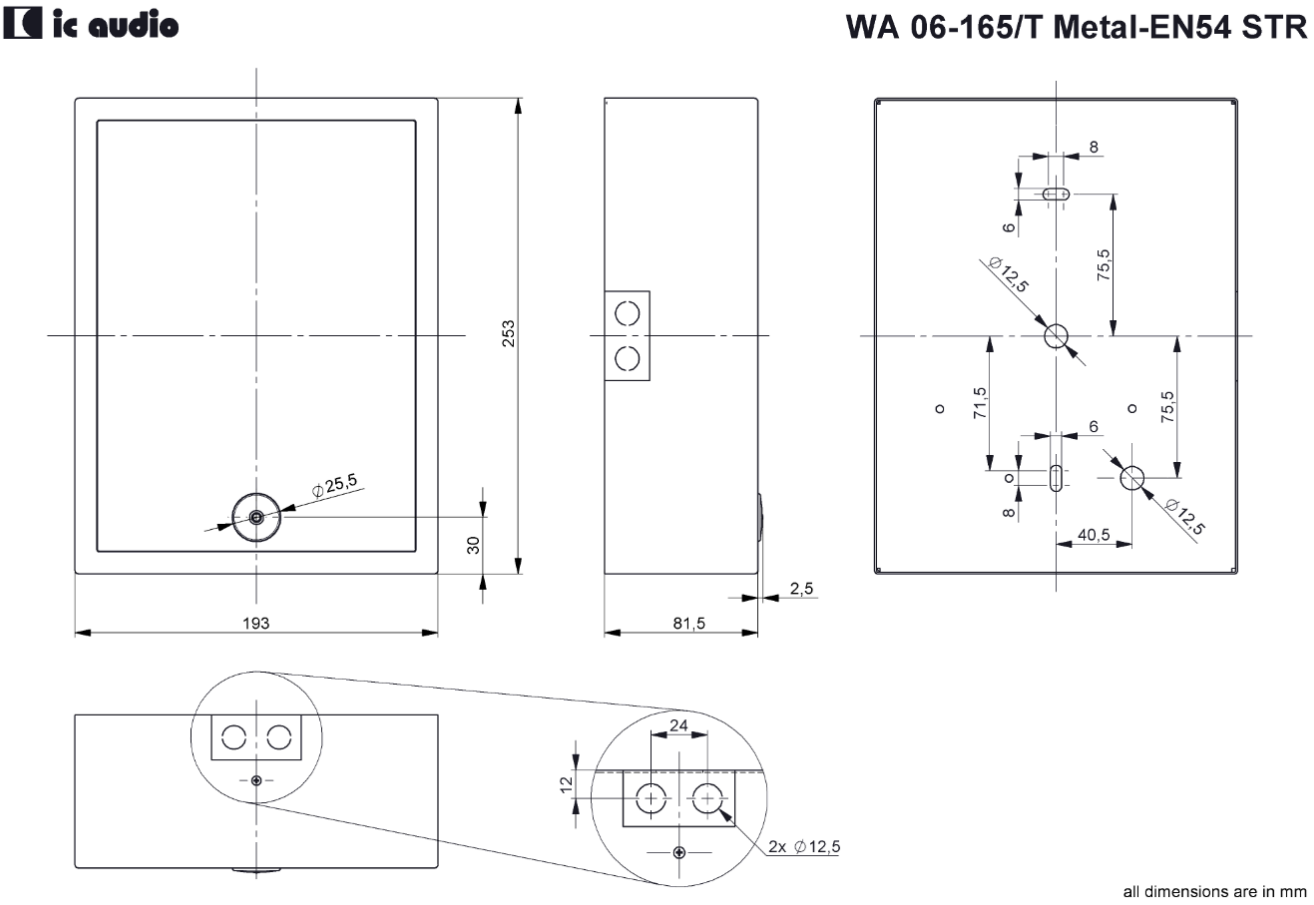
Certification

Ref. Nr.	007-13
ID-Code	SAA-LS07
Certificate Number	1438-CPR-0231

Product Attributes

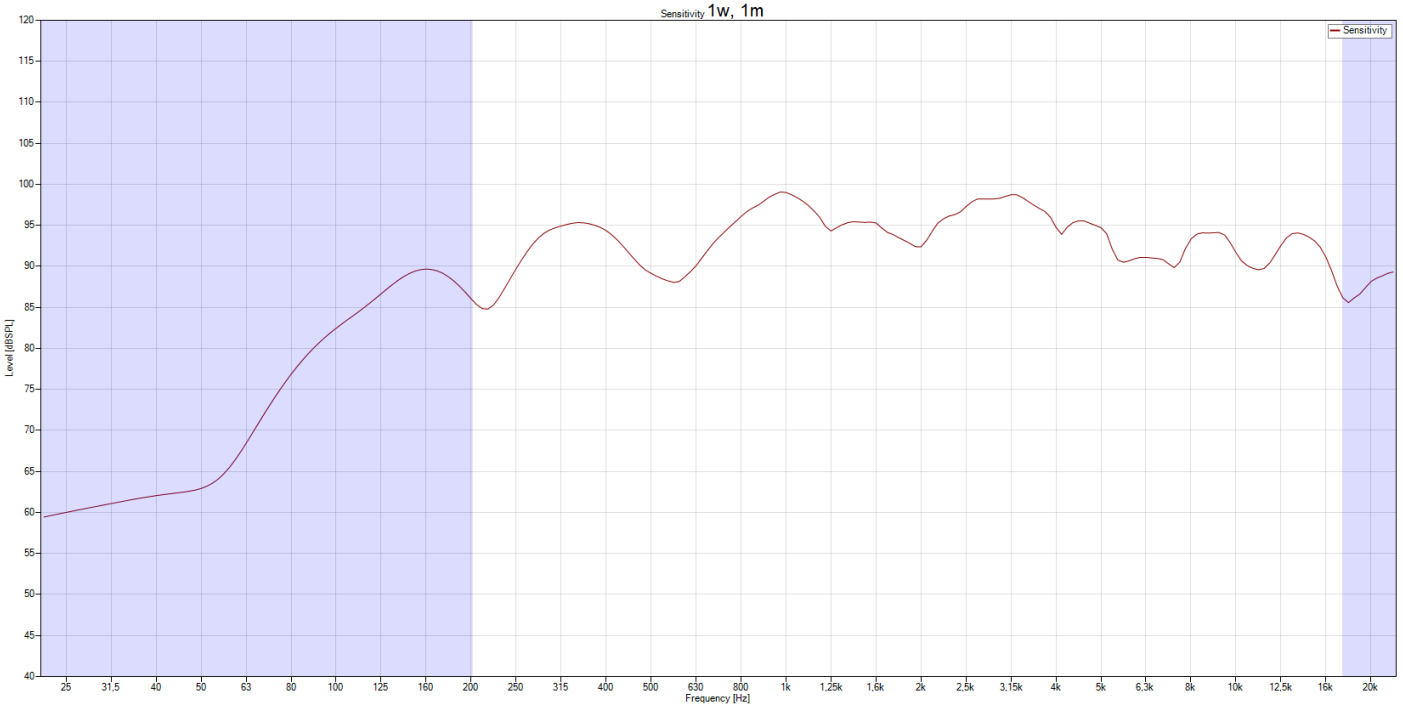


Technical Drawing

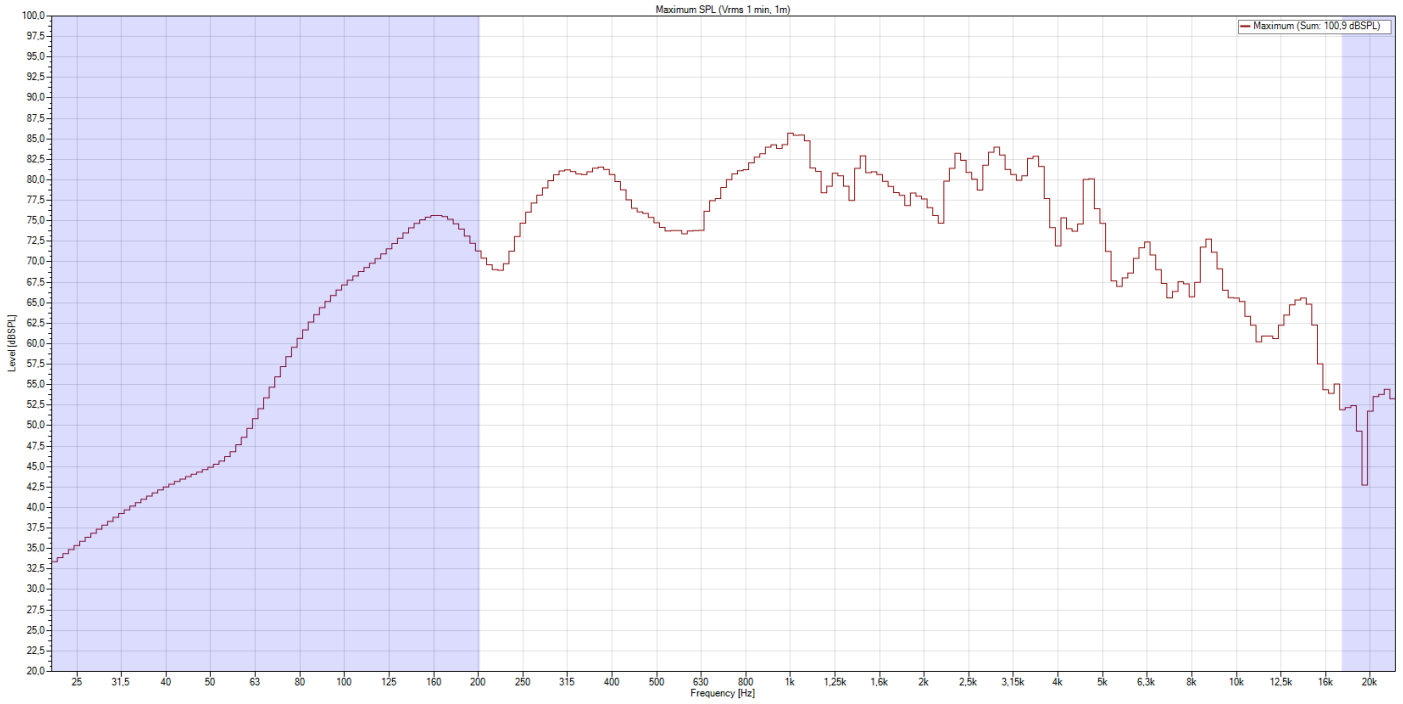


Frequency Response Diagram

Sensitivity

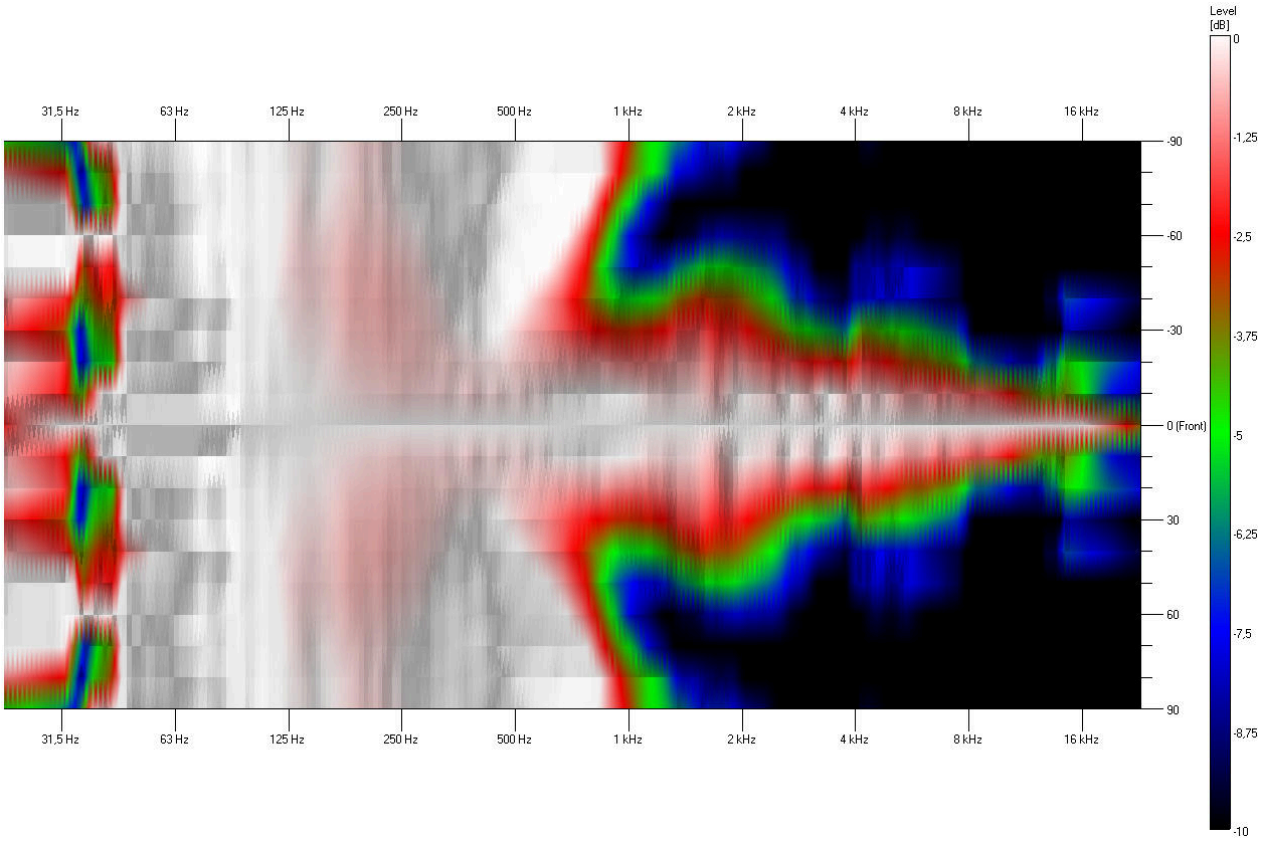


SPL Max

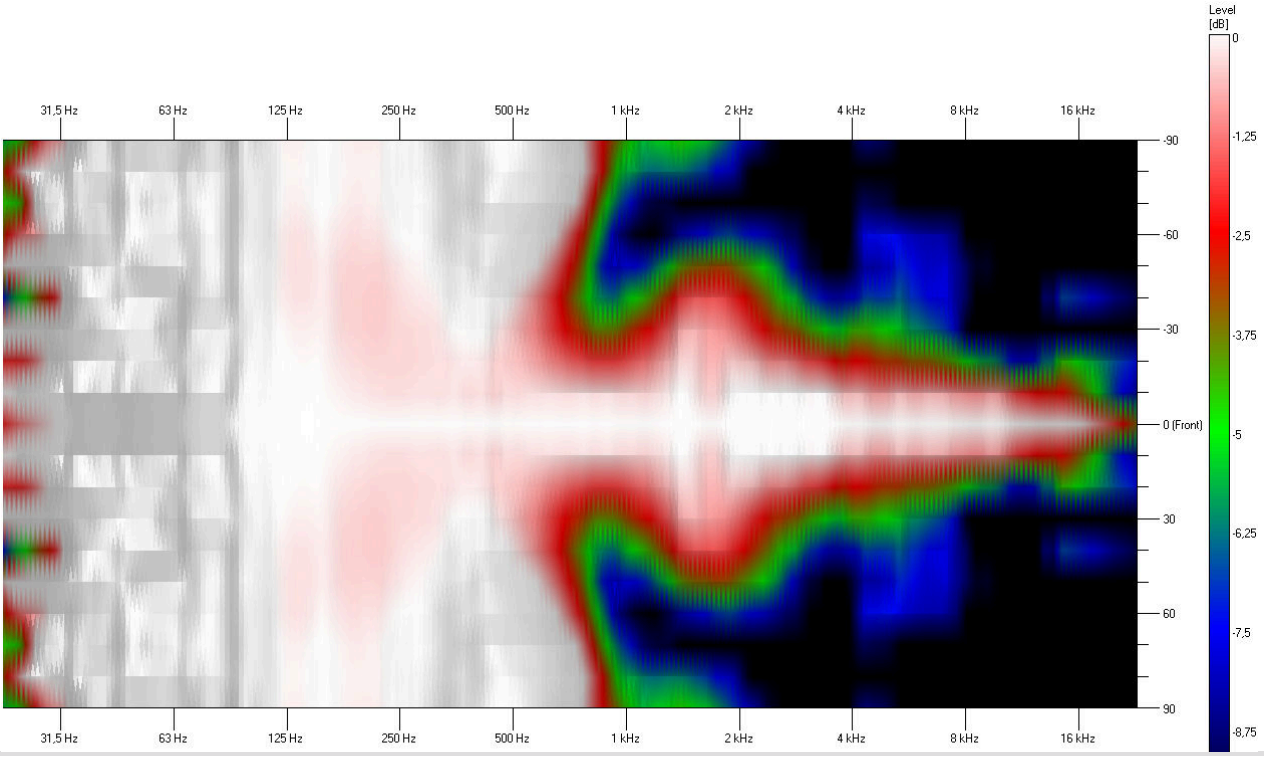


Isobar

Horizontal

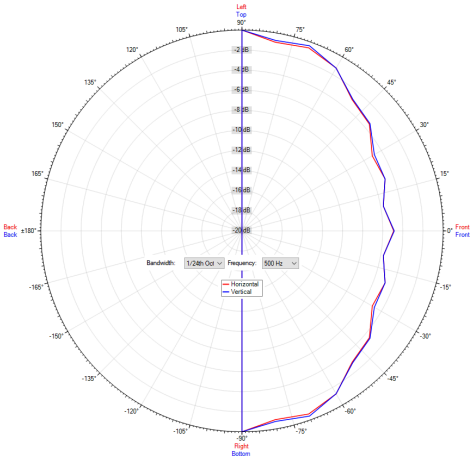


Vertical

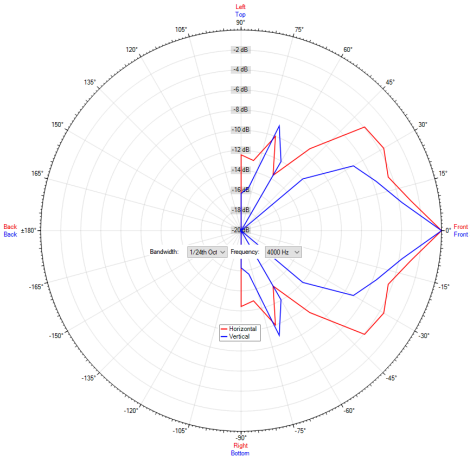


Polar Diagram

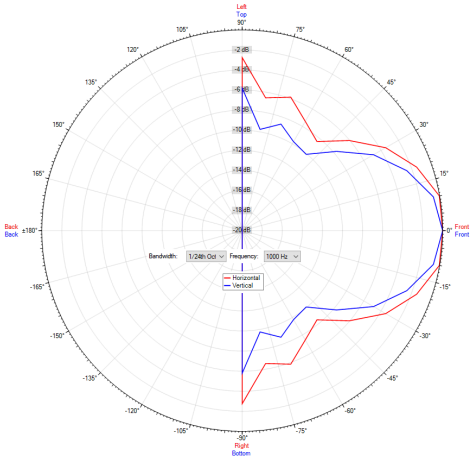
Polar Diagram 500Hz



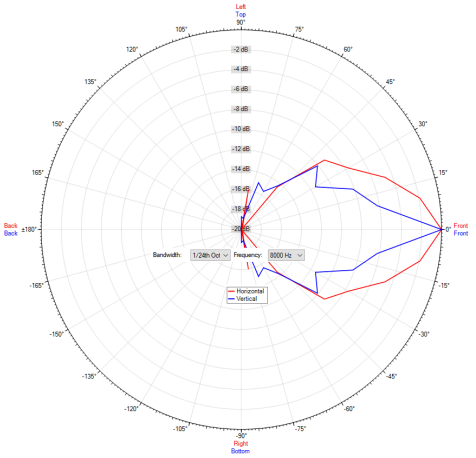
Polar Diagram 4000Hz



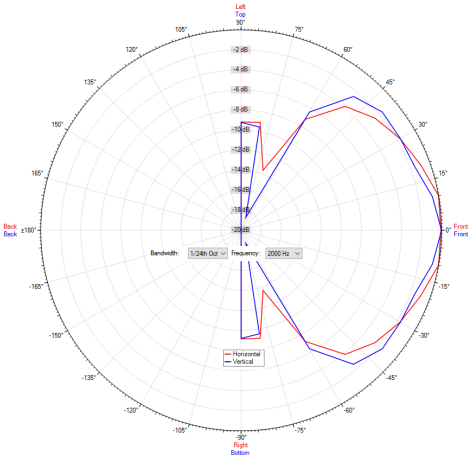
Polar Diagram 1000Hz



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: 20206749
Packing Unit: 8