



WA 06-77/T-EN54

- UL94 V0
- Impact-resistant housing
- Low distortion sound

EN54

CE
19

EN 54-24:2008
Ref. Nr.: 007-19
ID-Code: SAA-LS07
1438-CPR-0683

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CE-Symbol gemäß Richtlinie 93/68EWG

The 6W powered speaker is equipped with a 77mm full-range loudspeaker chassis and a 100V transformer with 3 power adjustments. The high-density, shock-resistant ABS plastic housing in RAL9016 offers low-distortion sound.

The speaker is secured with the high protection class IP 54 against the risks of environmental influences. The loudspeaker is optimally protected against moisture penetration even after installation by the circumferential rear rubber gasket in the back plate.

For the cable entry, cut-outs on the top and back of the housing can be used. To fix the cabling, you can use commercially available PG 11 or rubber grommets with a diameter of 20 mm. The connection is made via a ceramic clamp.

Product	WA 06-77/T-EN54
Article No	20194238

Acoustics

Power	6/3/1,5 W
Speaker ø	77 mm
Frequency Range	125 - 21.000 Hz
Frequency Response	112 - 24.000 Hz
SPL 1W/1m, peak	90,8 dB
SPL IEC268-5, 1W/1m	84,9 dB
SPL IEC268-5, Pmax/1m	92,5 dB
Sensitivity EN54-24, 1W/4m	72,9 dB
Dispersion -6dB, 500Hz	360° h/v
Dispersion -6dB, 1KHz	210° h/v
Dispersion -6dB, 2KHz	130° h/v
Dispersion -6dB, 4KHz	110° h/v

Connections and Housing

Connector	4-pin ceramic block
Temperature Range	-25 / +70 °C
Type A/B	B
Dimensions	133x133x72 mm
Weight (net)	0,7 kg
Housing	ABS
Colour	RAL 9016
IP Rating	IP54

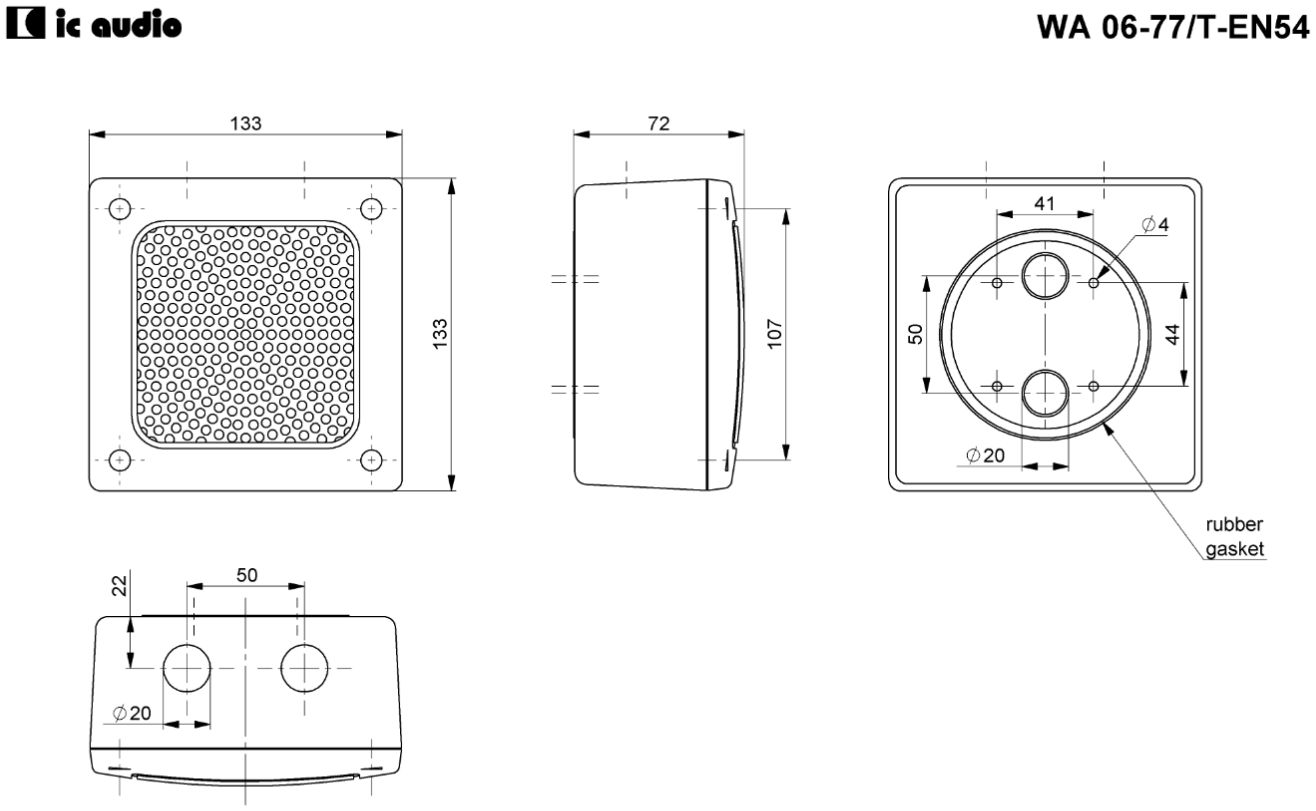
Certification

Ref. Nr.	007-19
ID-Code	SAA-LS07
Certificate Number	1438-CPR-0683

Product Attributes

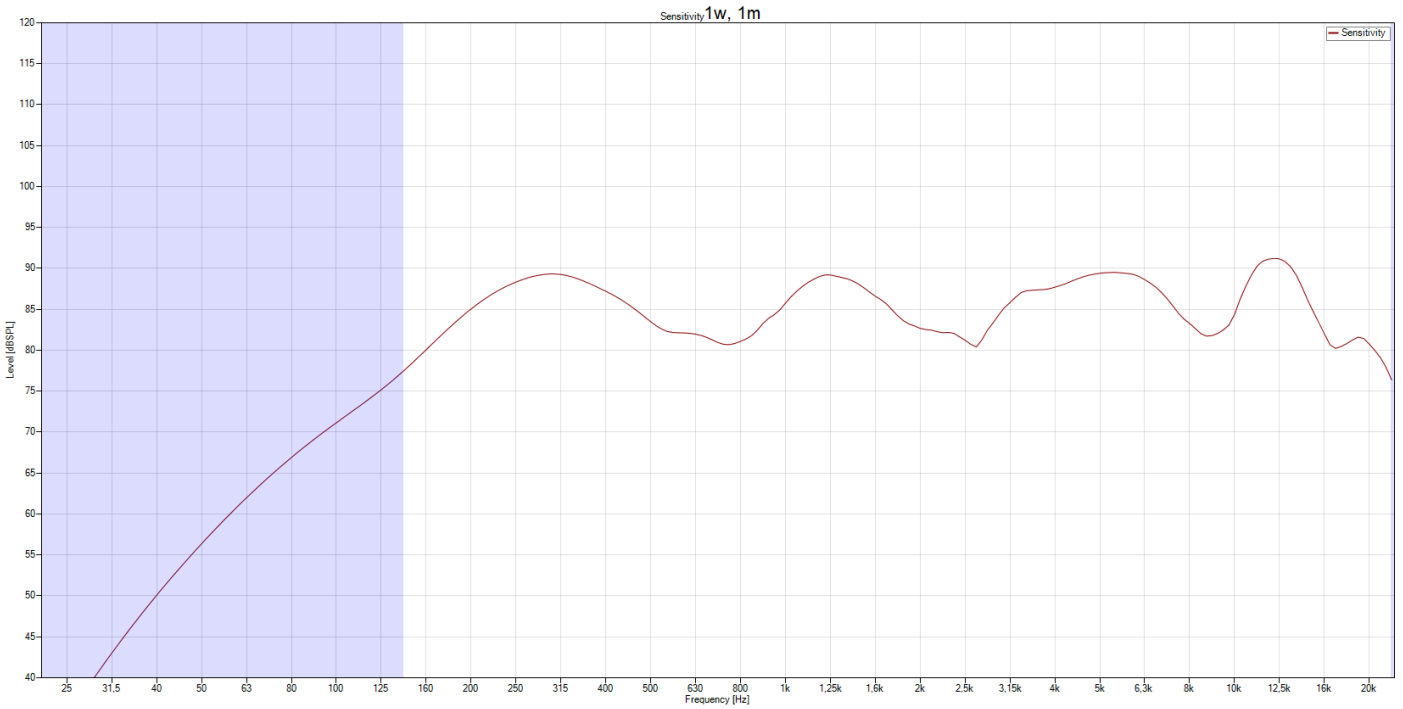


Technical Drawing

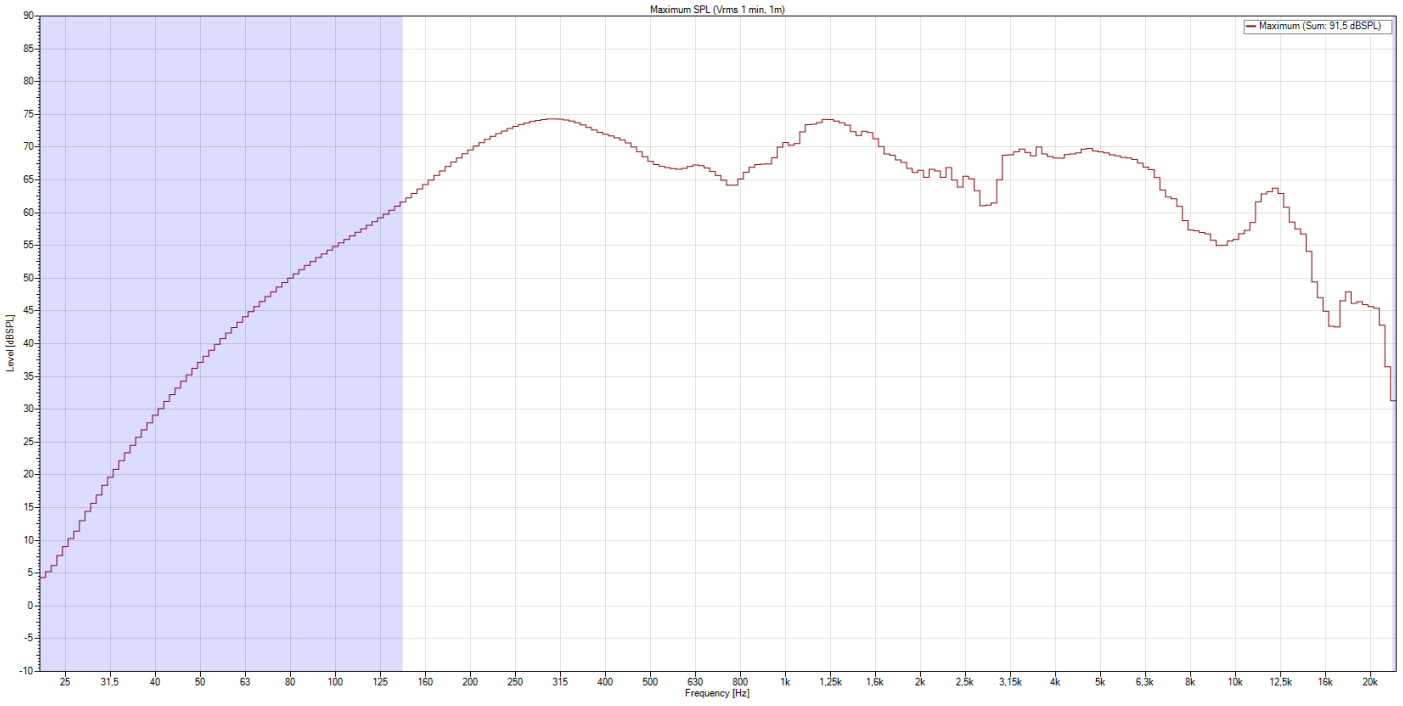


Frequency Response Diagram

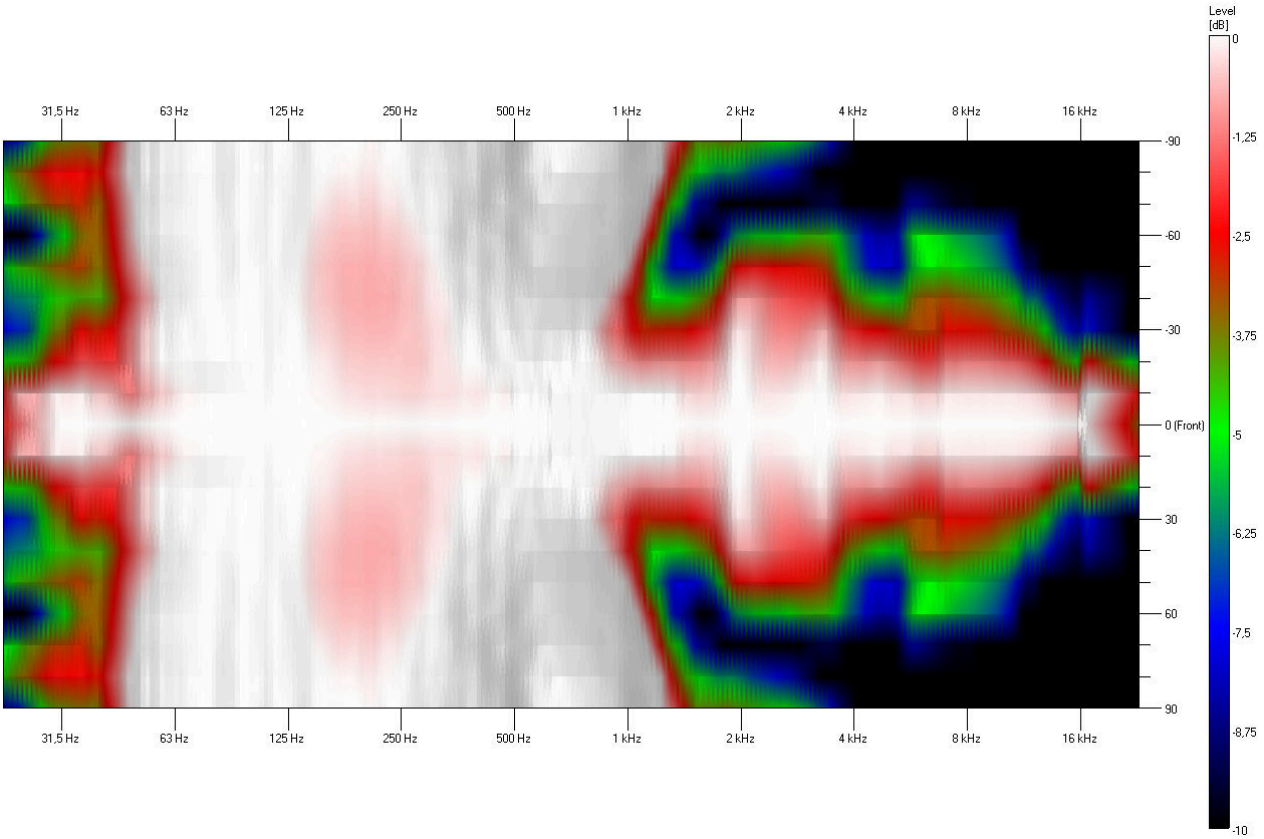
Sensitivity



SPL Max

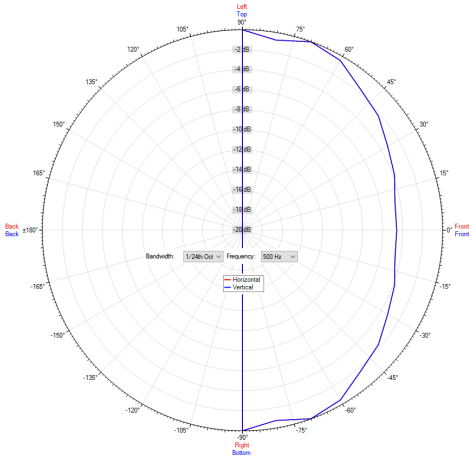


Isobar

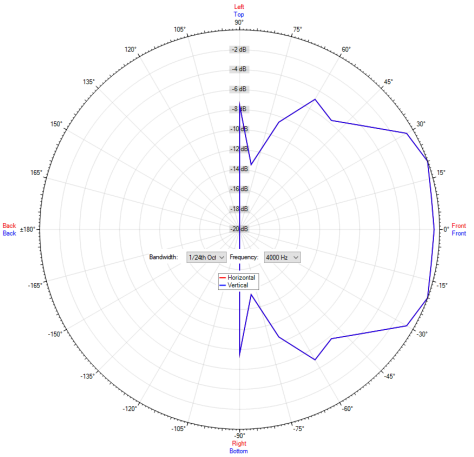

Level [dB]
0
-1,25
-2,5
-3,75
-5
-6,25
-7,5
-8,75
-10
31,5 Hz
63 Hz
125 Hz
250 Hz
500 Hz
1 kHz
2 kHz
4 kHz
8 kHz
16 kHz
-90
-60
-30
0 (Front)
30
60
90

Polar Diagram

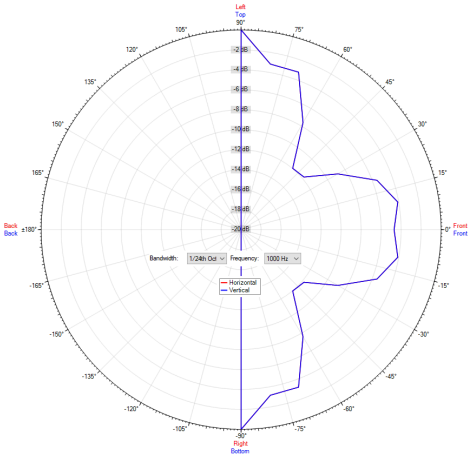
Polar Diagram 500Hz



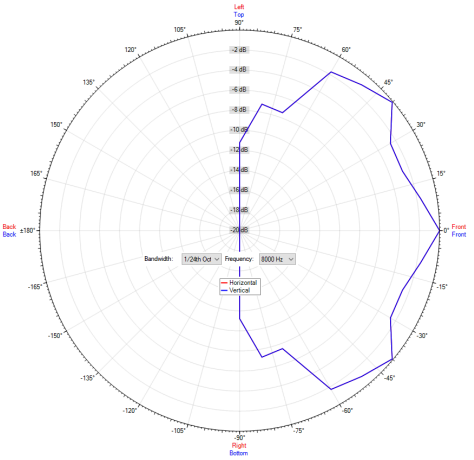
Polar Diagram 4000Hz



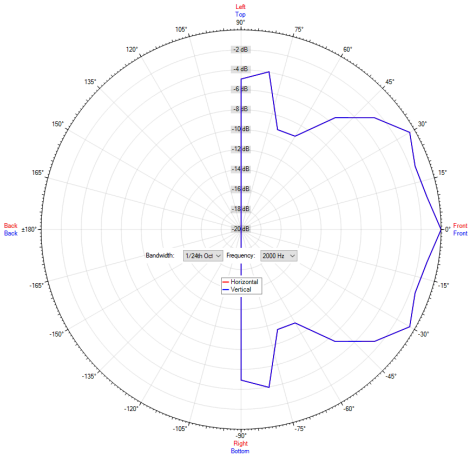
Polar Diagram 1000Hz



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: 20194238
Packing Unit: 12