

DL-K16-130/T-EN54

- UV-resistant
- elegant design
- BS 5839

EN54

CE
13

EN 54-24:2008
Ref. Nr.: 005-13
ID-Code: SAA-LS05
1438-CPD-0325

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CE-Symbol gemäß Richtlinie 93/68EWG

The 16W powered speaker is equipped with a 130mm full-range loudspeaker chassis and a 100V transformer with 3 power adjustments. The sturdy, UV-resistant ABS housing (UL 94 V-2) in RAL 9010 guarantees long-term stability. For additional reliability, a ceramic block, and a thermal fuse are provided and the speaker chassis is impregnated against wetness.

The speaker is also secured with protection class IP 35 against the security risks of environmental influences.

The speaker is also compliant with the British Standard BS 5839, Part 8.

The connection will be done with a 4,5 m long, 4-pin cable. Quick and easy mounting with a mounting hook.

Product	DL-K 16-130/T-EN54
Artikel Nr.	20122605

Acoustics

Power	16/8/4 W
Impedance (100V)	625/1250/2500 ohm
Speaker ø	130 mm
Frequency Range	130 - 13.300 Hz
Frequency Response	130 - 23.500 Hz
SPL 1W/1m, peak	89,9 dB
SPL 1W/4m, peak	77,9 dB
SPL Pmax/4m, peak	89,9 dB
SPL IEC268-5, 1W/1m	85,0 dB
SPL IEC268-5, Pmax/1m	97,0 dB
Sensitivity EN54-24, 1W/1m	85,0 dB
Sensitivity EN54-24, 1W/4m	73,0 dB
Dispersion -6dB, 500Hz	h/v 360°
Dispersion -6dB, 1KHz	h/v 196°
Dispersion -6dB, 2KHz	h/v 132°
Dispersion -6dB, 4KHz	h/v 171°

Connections and Housing

Connector	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	185x157 mm
Weight (net)	1,64 kg
Housing	ABS
Colour	RAL 9010
Mounting	Mounting hook
IP Rating	IP35

Certification

Ref. Nr.	005-13
ID-Code	SAA-LS05
Certificate Number	1438-CPD-0325

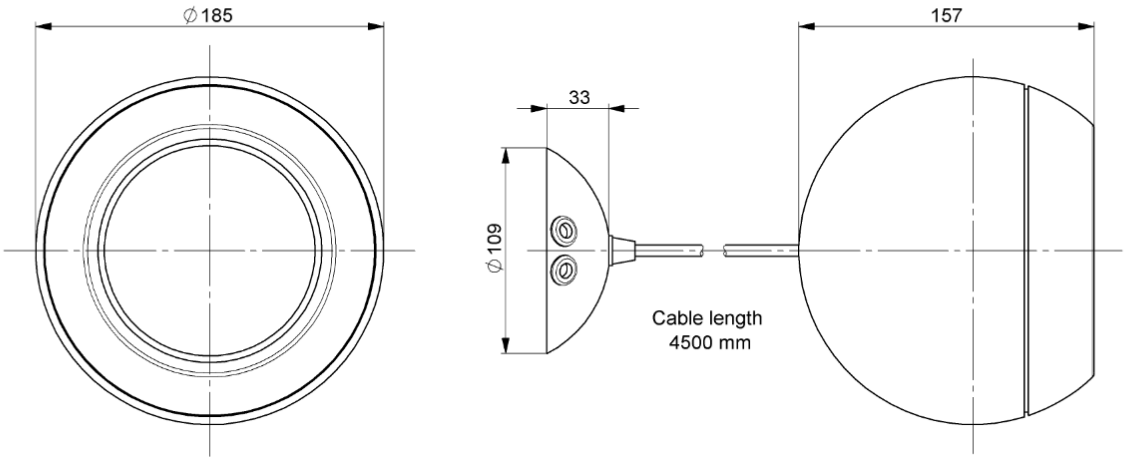
Product Attributes



Technical Drawing

ic audio

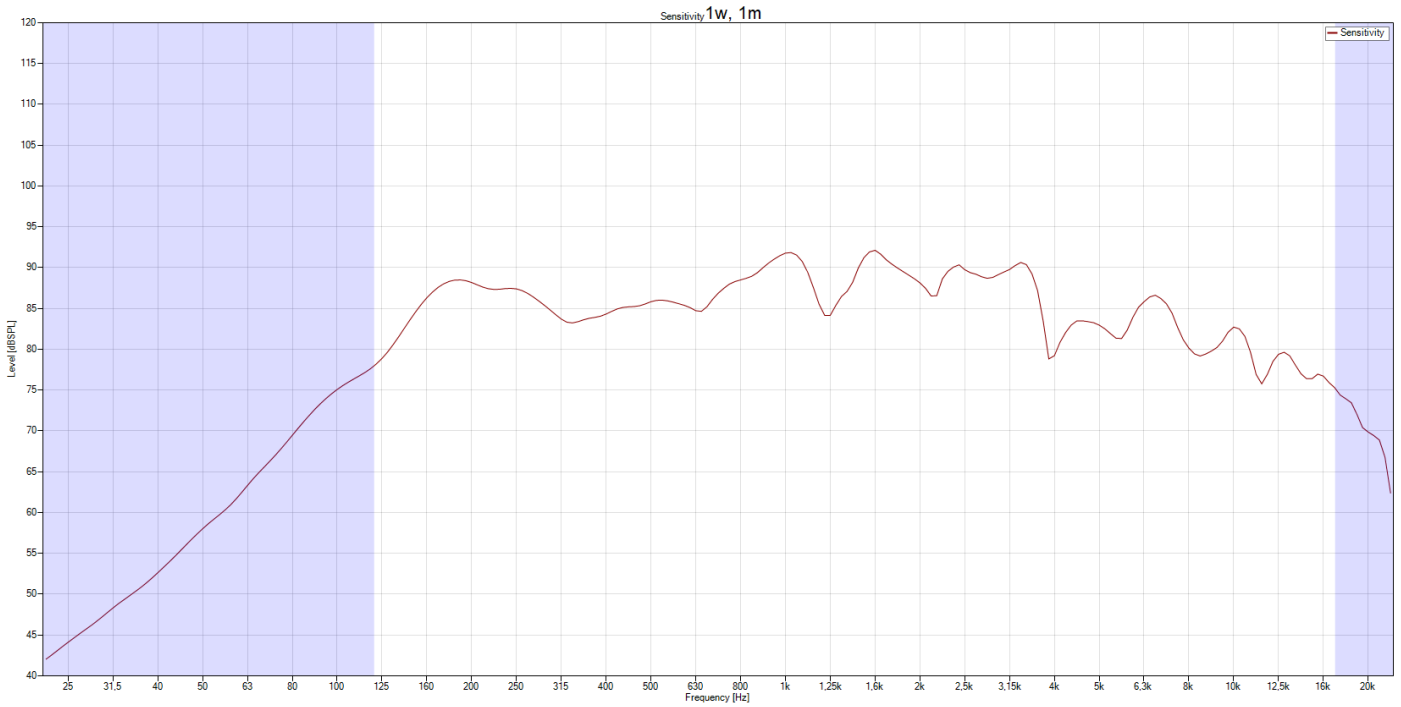
DL-K 16-130/T-EN54



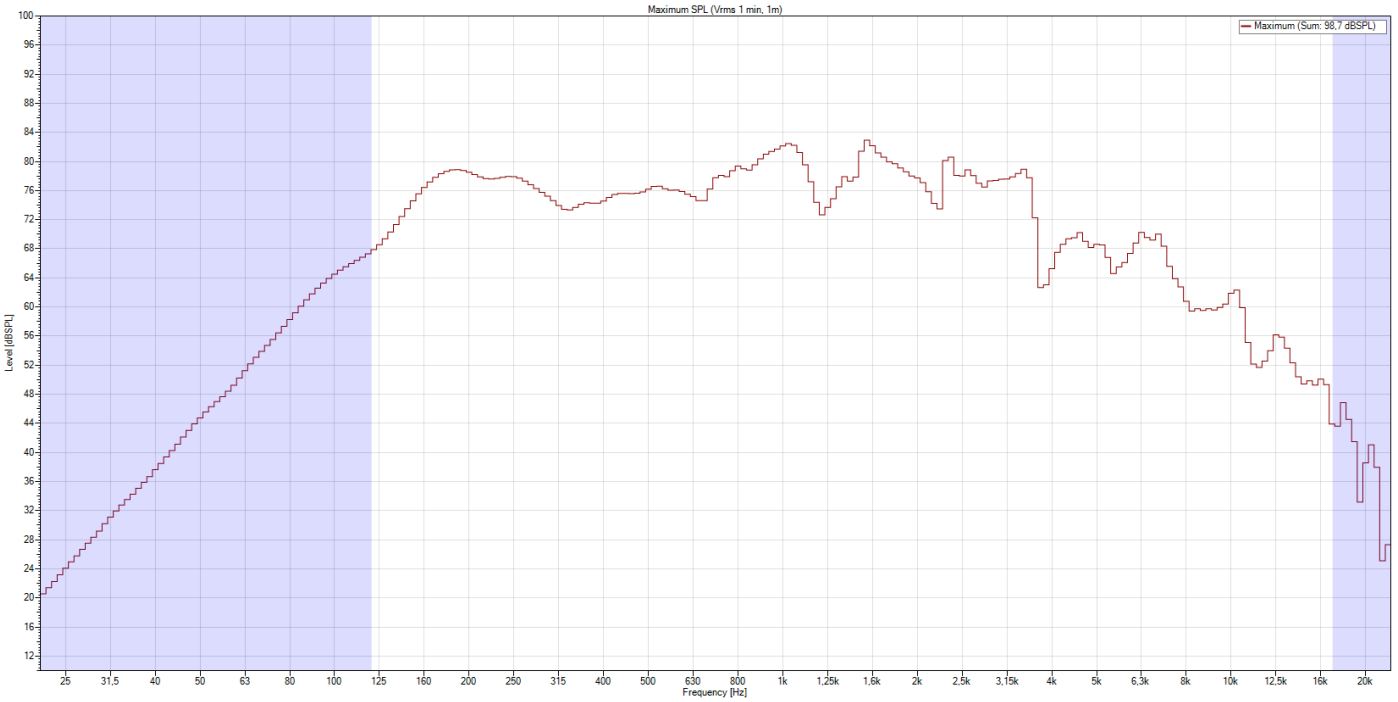
all dimensions are in mm

Frequency Response Diagram

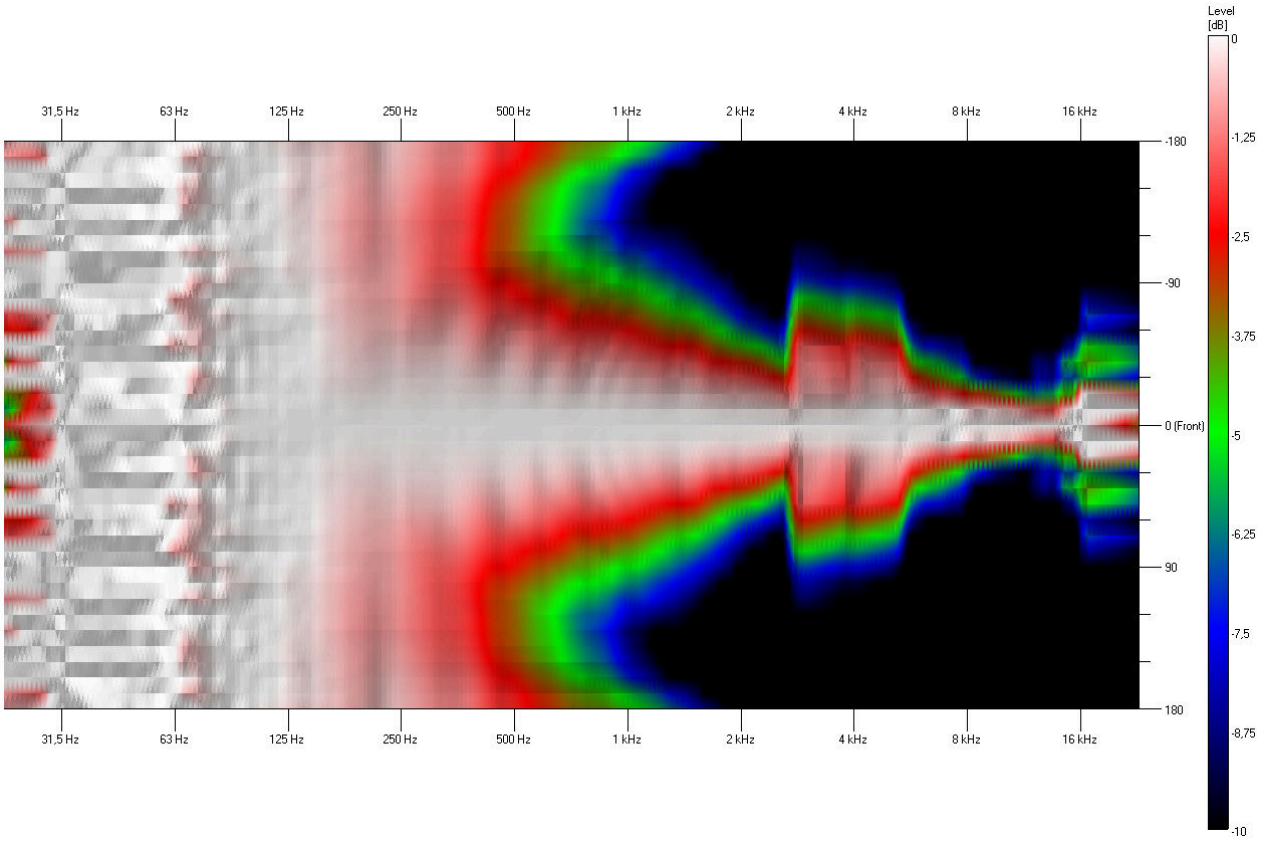
Sensitivity



SPL Max

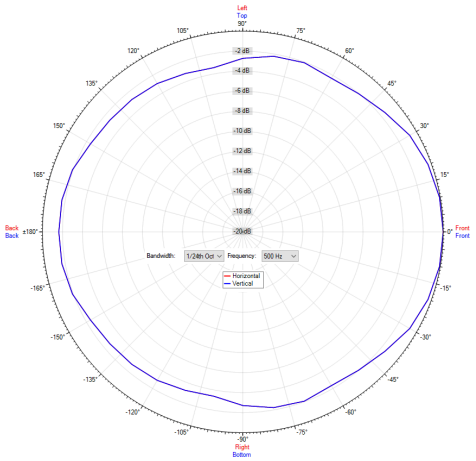


Isobar

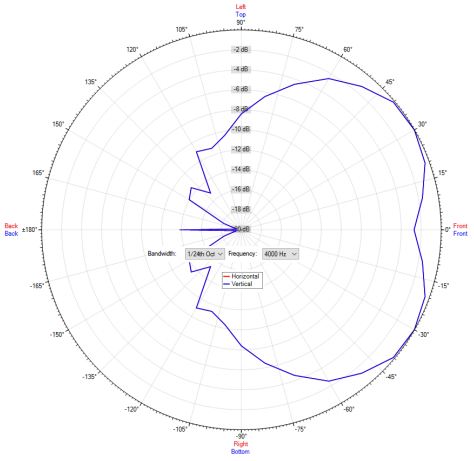

Level
[dB]
0
-1,25
-2,5
-3,75
-5
-6,25
-7,5
-8,75
-10
31,5 Hz
63 Hz
125 Hz
250 Hz
500 Hz
1 kHz
2 kHz
4 kHz
8 kHz
16 kHz
-180
-90
0 (Front)
90
180

Polar Diagram

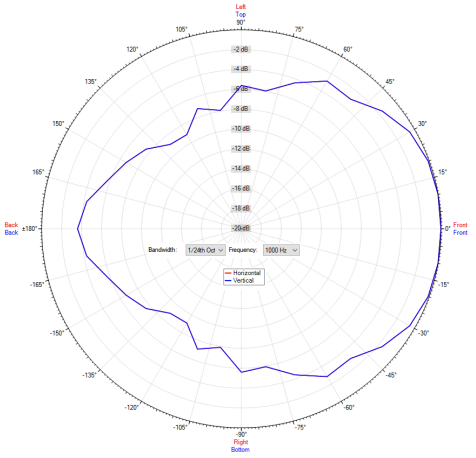
Polar Diagram 500Hz



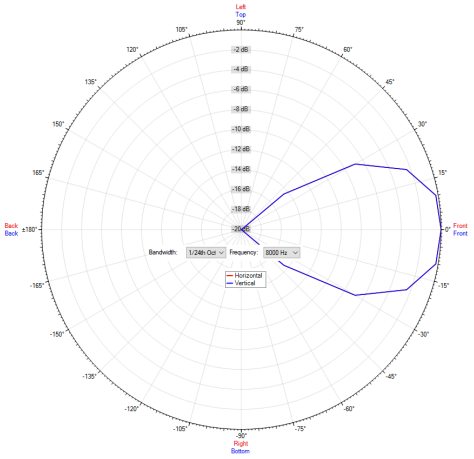
Polar Diagram 4000Hz



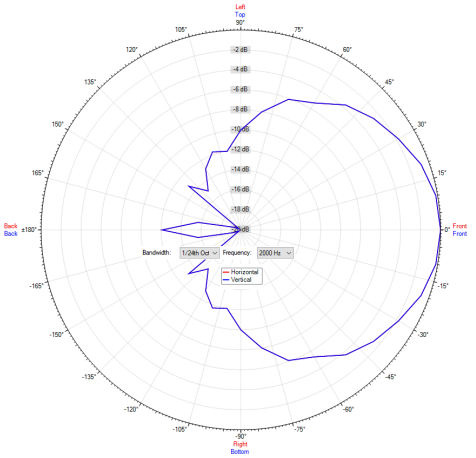
Polar Diagram 1000Hz



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.

Artikel Nr. : 20122605
Packing Unit: 6