



## DL-S 25-130/T plus-EN54

- 2-way system
- thermal fuse
- magnetic fastening of grille



EN 54-24:2008  
**Ref. Nr.:** 018-15  
**ID-Code:** SAA-LS18  
 1438-CPR-0431

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CE-Symbol gemäß Richtlinie 93/68EWG

2-Way ceiling speaker with fire dome for voice alarm applications certified EN 54-24, suitable for voice announcements and background music with excellent sound quality in buildings. The 25W powered speaker is equipped with a 130mm 2-way system featuring a high-quality tweeter and a 100V transformer with 4 power adjustments. Low-impedance operation is also possible. The impact-resistant plastic housing in RAL 9016 guarantees long-term durability.

Thanks to an innovative magnetic fastening, the finely perforated speaker grille can be removed quickly and e.g. replaced by a grille with a different colour, even after the installation.

A thermal fuse provides additional safety. The speaker chassis is impregnated against dampness. Protection class IP 21C secures the speaker against the risks of environmental influences.

Fast and easy installation via a screw mounting system.

|             |                         |
|-------------|-------------------------|
| Product     | DL-S 25-130/T plus-EN54 |
| Artikel Nr. | 20183626                |

### Acoustics

|                            |                    |
|----------------------------|--------------------|
| Power                      | 25/12.5/6.25 (8) W |
| Impedance (100V)           | 400/800/1600 ohm   |
| Speaker ø                  | 130 mm             |
| Frequency Range            | 104 - 22.700 Hz    |
| Frequency Response         | 111 - 21.600 Hz    |
| SPL 1W/1m, peak            | 92,1 dB            |
| SPL 1W/4m, peak            | 80,1 dB            |
| SPL Pmax/4m, peak          | 90,2 dB            |
| SPL IEC268-5, 1W/1m        | 87,0 dB            |
| Sensitivity EN54-24, 1W/1m | 87,8 dB            |
| Sensitivity EN54-24, 1W/4m | 75,8 dB            |
| Dispersion -6dB, 500Hz     | h/v 180°           |
| Dispersion -6dB, 1KHz      | h/v 180°           |
| Dispersion -6dB, 2KHz      | h/v 110°           |
| Dispersion -6dB, 4KHz      | h/v 72°            |

## Connections and Housing

|                               |                       |
|-------------------------------|-----------------------|
| Connector                     | 5-pin screw terminal  |
| Terminal Diameter             | 2,5 mm                |
| Maximum Cable Passage         | 4,9 mm <sup>2</sup>   |
| Max. cable cross section loop | 2x4,9 mm <sup>2</sup> |
| Temperature Range             | -10 / +55 °C          |
| Type A/B                      | A                     |
| Dimensions                    | 216,5 x 141 mm        |
| Ceiling Cut-out               | 186 mm                |
| Weight (net)                  | 1,80 kg               |
| Housing                       | ABS                   |
| Colour                        | RAL 9016              |
| Mounting                      | Screw system          |
| IP Rating                     | IP21                  |

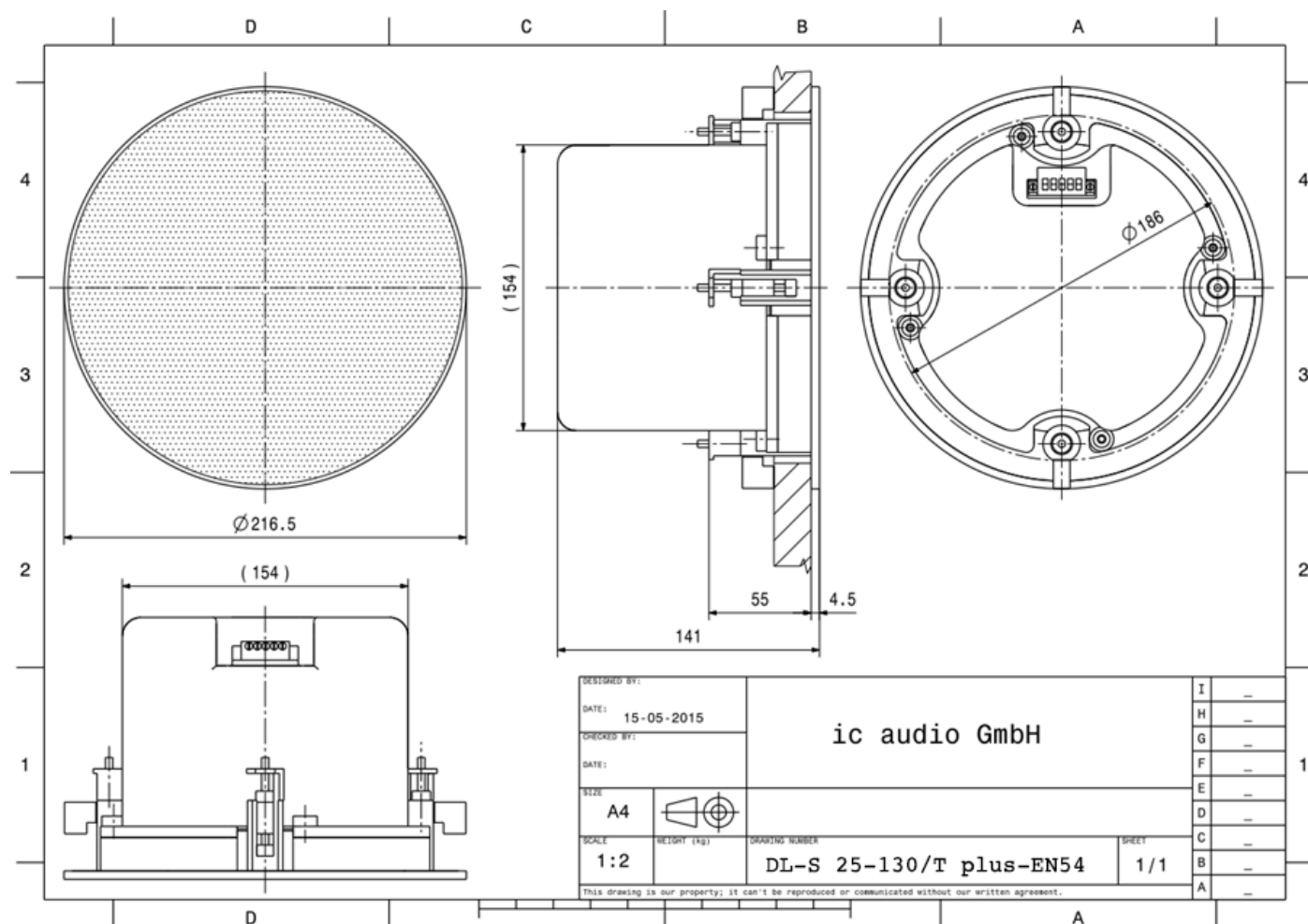
## Certification

|                    |               |
|--------------------|---------------|
| Ref. Nr.           | 018-15        |
| ID-Code            | SAA-LS18      |
| Certificate Number | 1438-CPR-0431 |

## Product Attributes

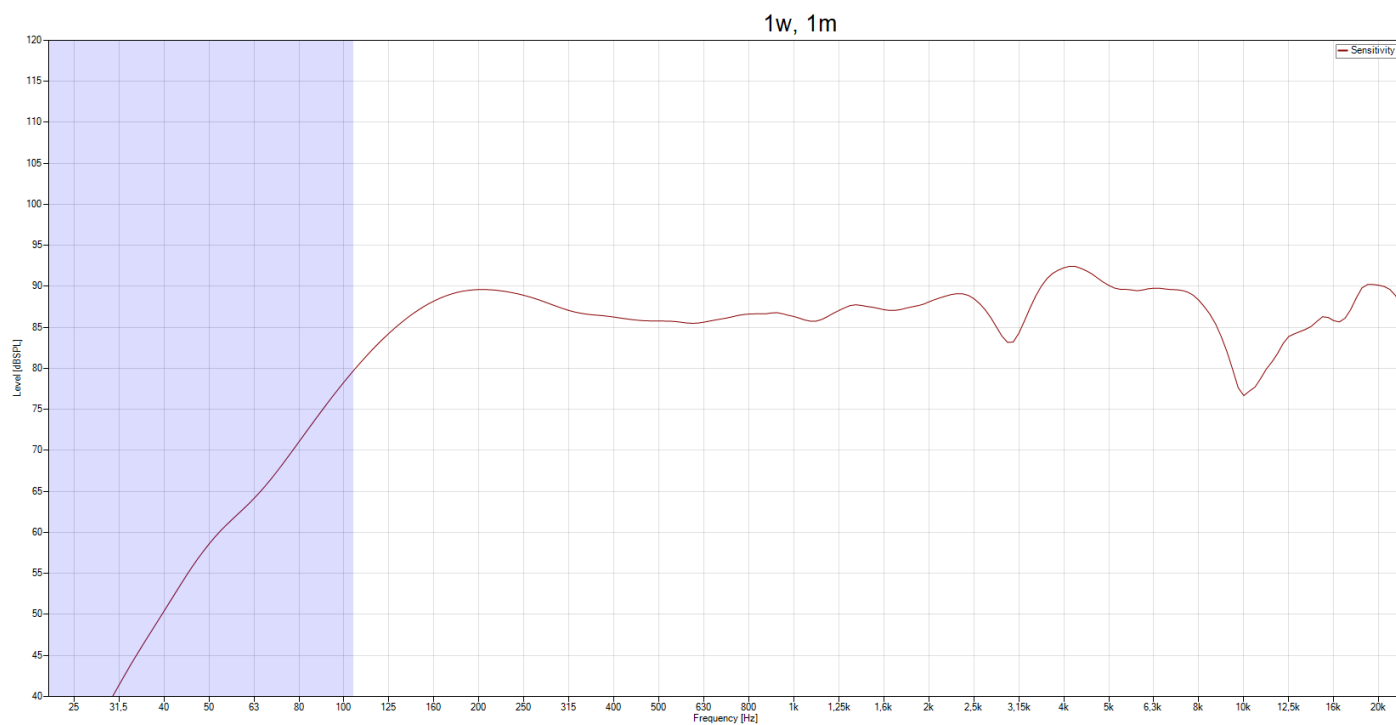


## Technical Drawing

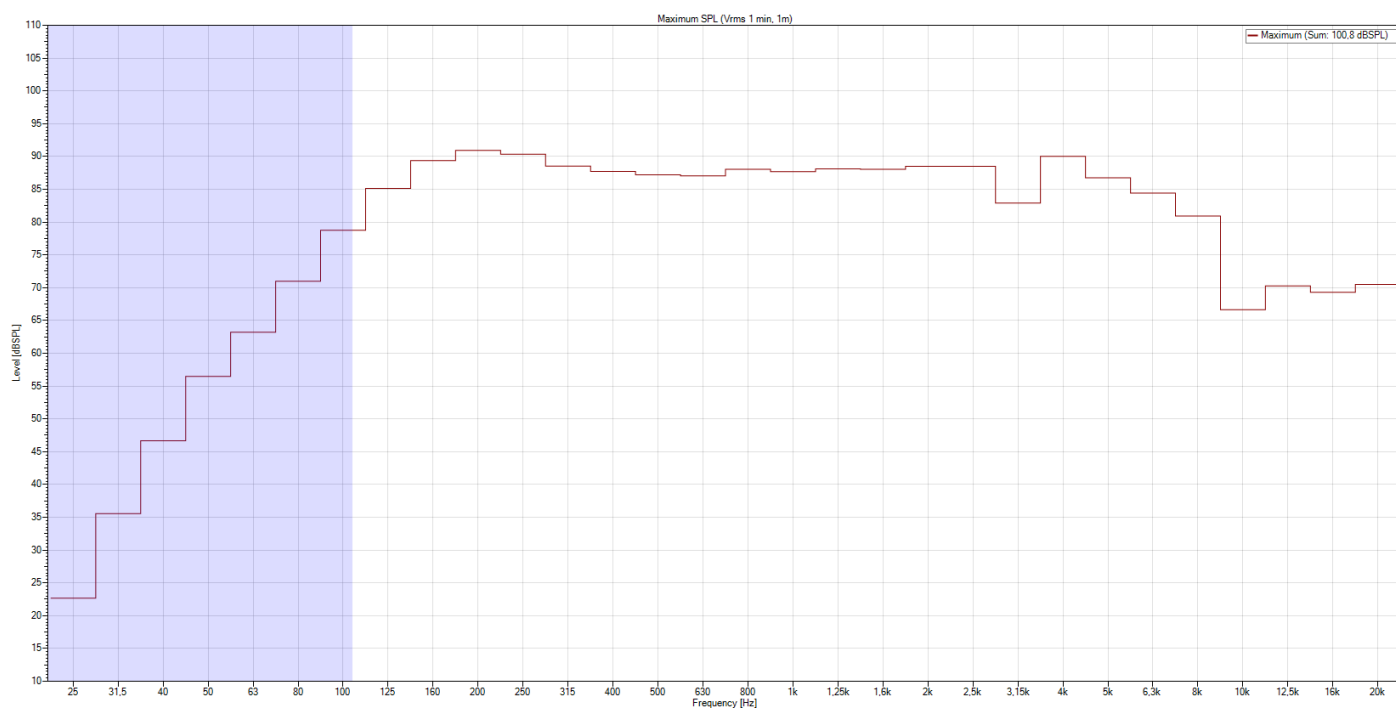


## Frequency Response Diagram

### Sensitivity

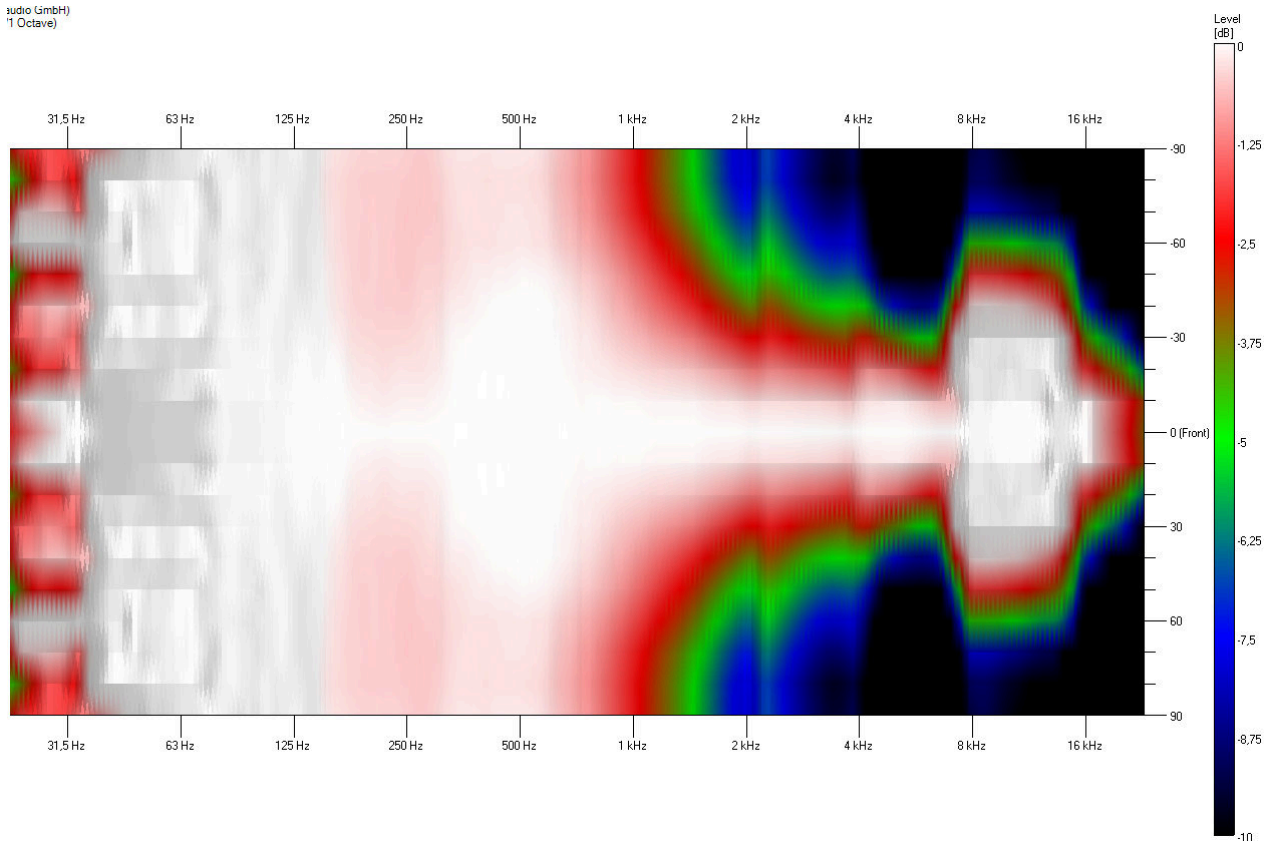


### SPL Max



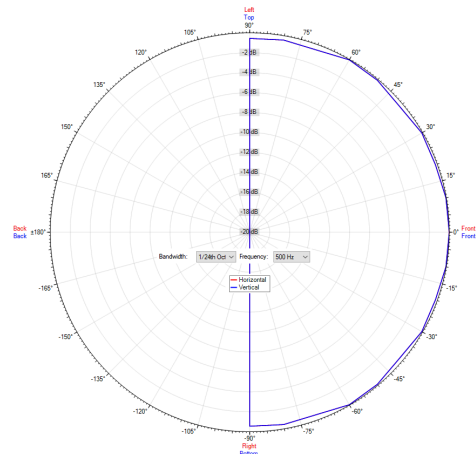
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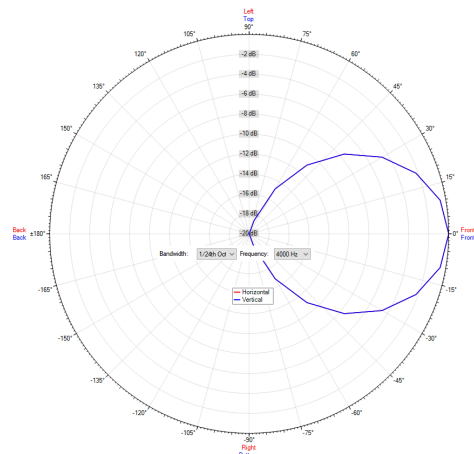


## Polar Diagram

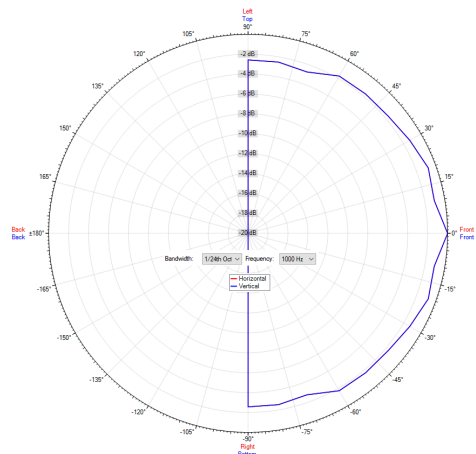
Polar Diagram 500Hz



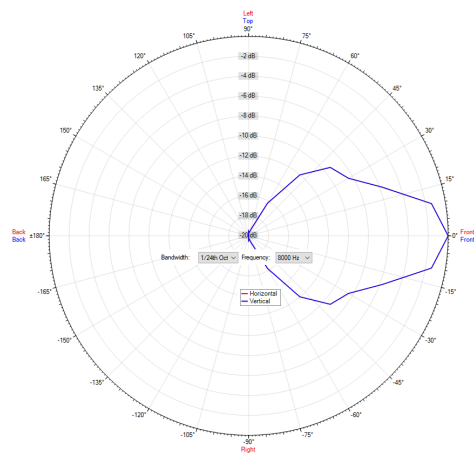
Polar Diagram 4000Hz



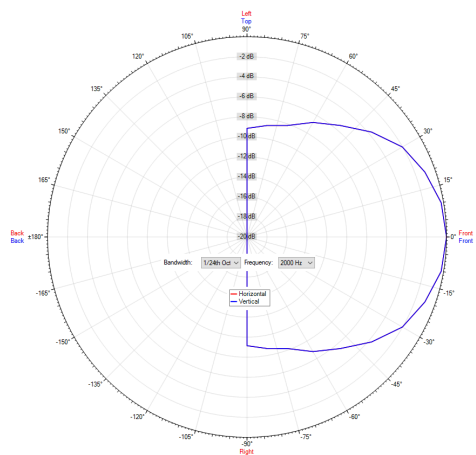
Polar Diagram 1000Hz



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. : 20183626  
Packing Unit: 8

