



## DL-S 30-130/T plus white-EN54

- bass-reflex
- shallow installation depth
- magnetic grille

EN54

CE
25

EN 54-24:2008
**Ref. Nr.**: 024-15
**ID-Code**: SAA-LS15
1438-CPR-1089

ic audio GmbH, Boehringerstraße 14a,
68307 Mannheim, Germany

CE-Symbol gemäß Richtlinie 93/68EWG

With a low-profile design, the DL-S voice alarm loudspeaker series, certified EN 54-24, blends seamlessly into any environment.

With a powerful 2-way bass-reflex system and an impressive 30W, the DL-S 30 sets new standards for clear and powerful sound. The 130mm woofer of high-quality polypropylene and the precise 25mm tweeter guarantee excellent music reproduction.

The loudspeaker offers a wide dispersion behaviour, filling the room with exceptional sound. Connection options are convenient via the screw terminal with IN-OUT for loop connections, while power adjustments via a rotary switch enable individual sound customisation.

This speaker offers the flexibility of low-impedance operation, allowing it to be optimised for different requirements. The magnetic grille and screw mounting system simplify installation and ensure an elegant appearance.

The speaker's housing, made of high-quality ABS plastic, not only promises long-lasting performance but also blends aesthetically into any environment.

| | |
|---|---|
| Product | DL-S 30-130/T plus white-EN54 |
| Artikel Nr. | 20238243 |

## Acoustics

| | |
|---|---|
| Power | 30/15/7.5/3.75 (8) W |
| Impedance (100V) | 333/667/1333/2666 ohm |
| Speaker ø | 130 mm |
| Frequency Range | 70 - 20.500 Hz |
| Frequency Response | 60 - 21.000 Hz |
| SPL 1W/1m, peak | 92,7 dB |
| SPL 1W/4m, peak | 80,7 dB |
| SPL Pmax/4m, peak | 95,4 dB |
| SPL IEC268-5, 1W/1m | 92,3 dB |
| SPL IEC268-5, Pmax/1m | 105,5 dB |
| Sensitivity EN54-24, 1W/1m | 89,3 dB |
| Sensitivity EN54-24, 1W/4m | 77,3 dB |
| Dispersion -6dB, 500Hz | 180° h/v |
| Dispersion -6dB, 1KHz | 165° h/v |
| Dispersion -6dB, 2KHz | 145°/170° h/v |
| Dispersion -6dB, 4KHz | 75°/60° h/v |

## Connections and Housing

| | |
|---|---|
| Connector | 6-pin screw terminal |
| Temperature Range | -10 / +55 C° |
| Type A/B | A |
| Dimensions | 322x128 mm |
| Ceiling Cut-out | 291 mm |
| Weight (net) | 2,99 kg |
| Housing | ABS |
| Colour | RAL 9016 |
| Mounting | screw system |
| IP Rating | IP21 |

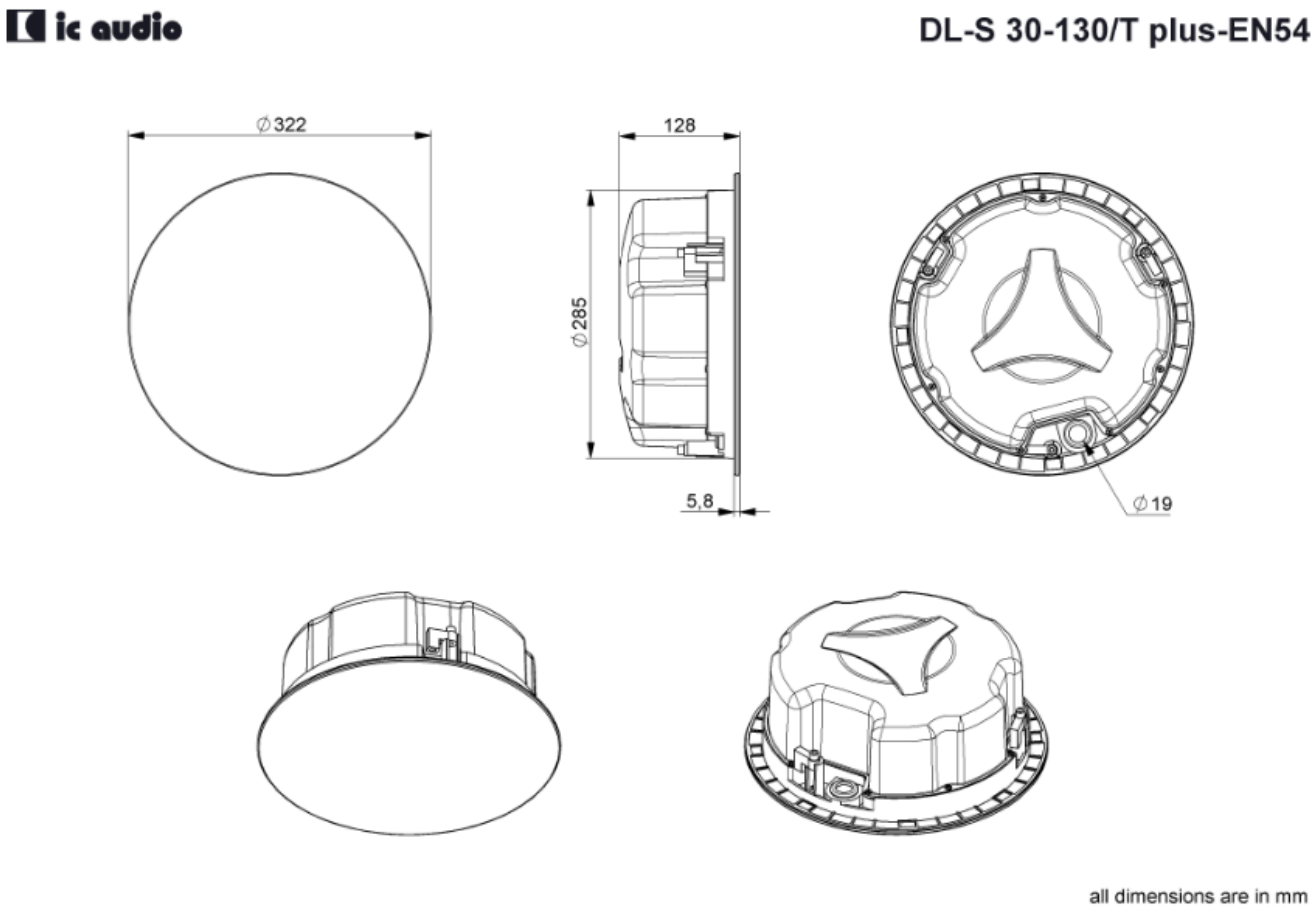
## Certification

| | |
|---|---|
| Ref. Nr. | 024-15 |
| ID-Code | SAA-LS15 |
| Certificate Number | 1438-CPR-1089 |

## Product Attributes

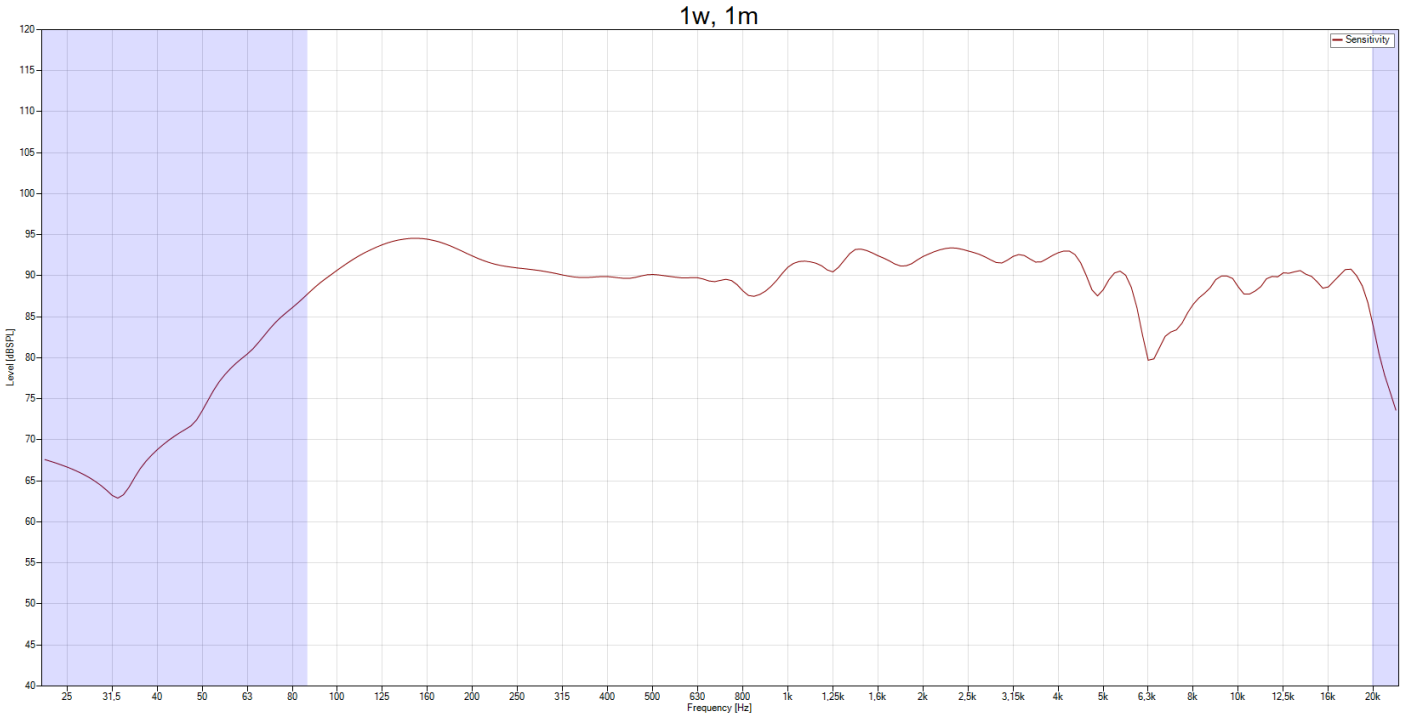


## Technical Drawing

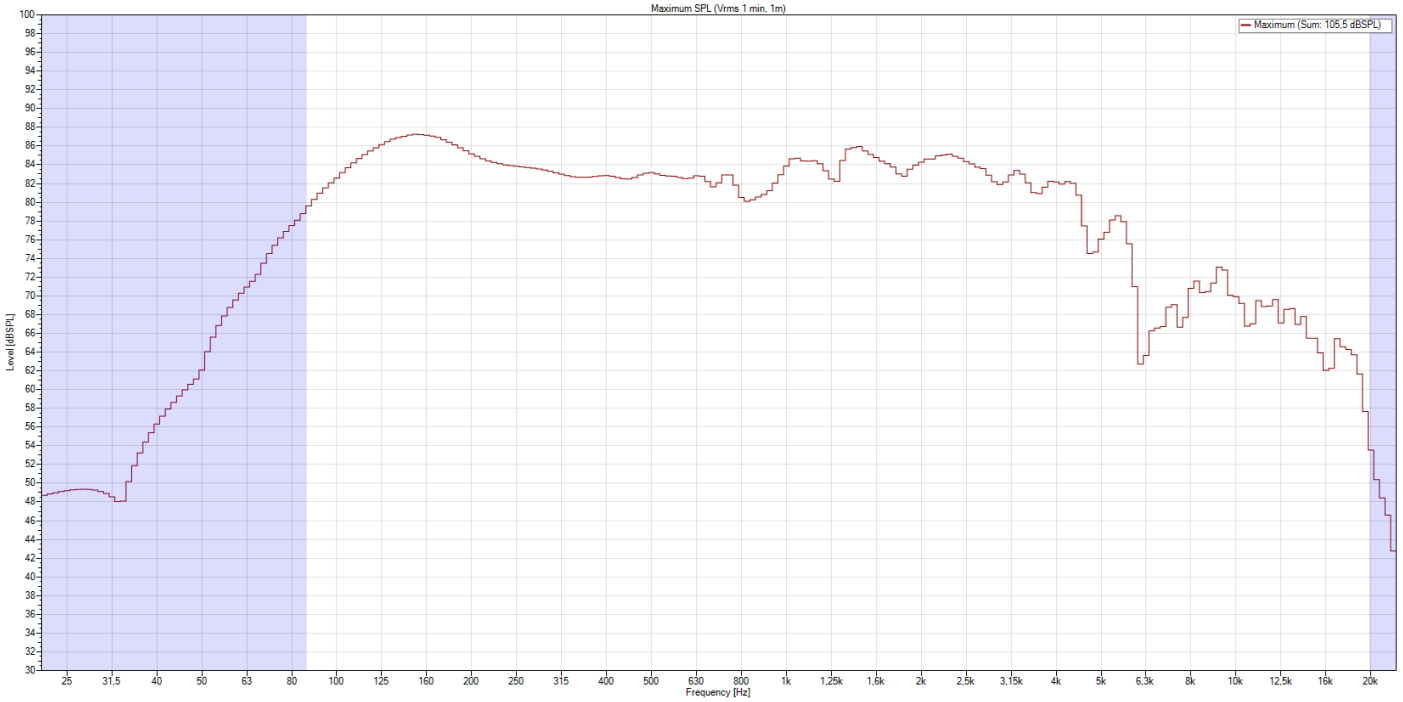


## Frequency Response Diagram

Sensitivity

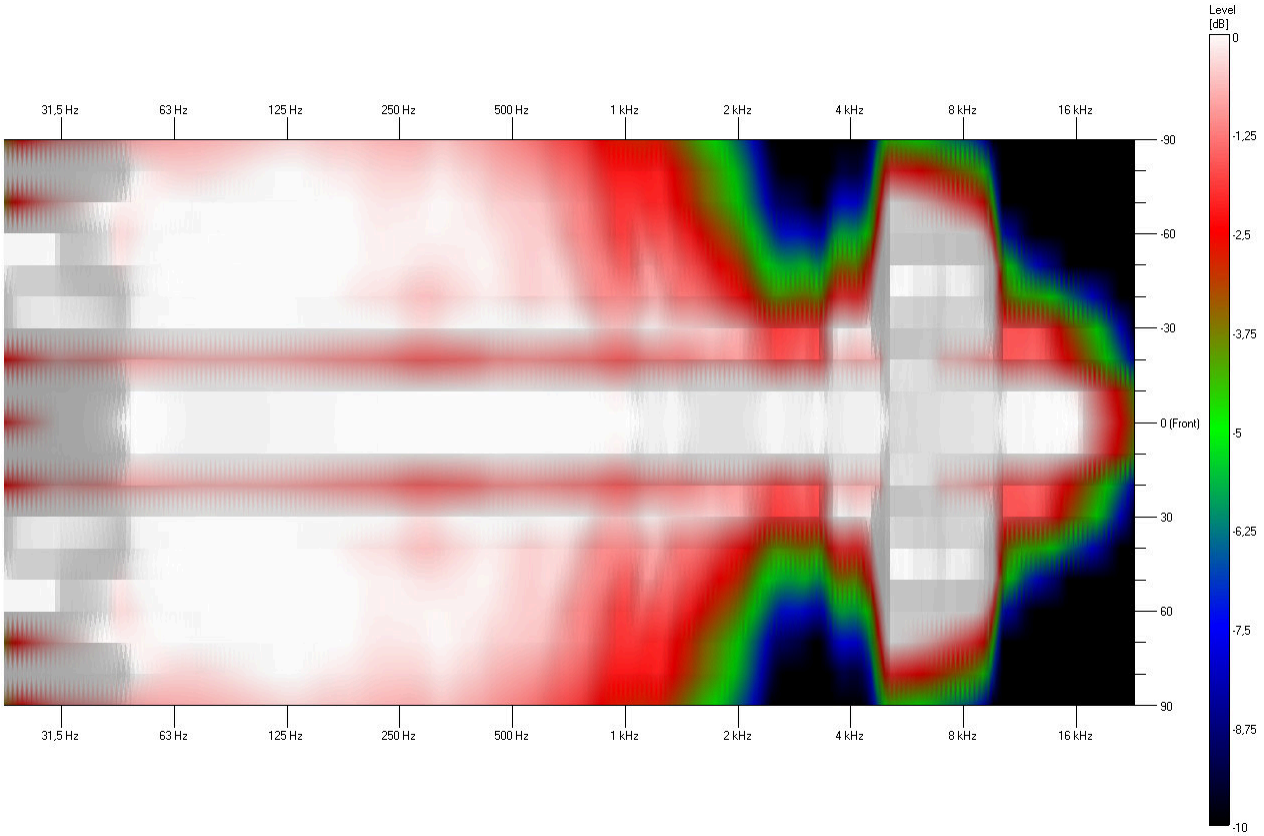



SPL Max

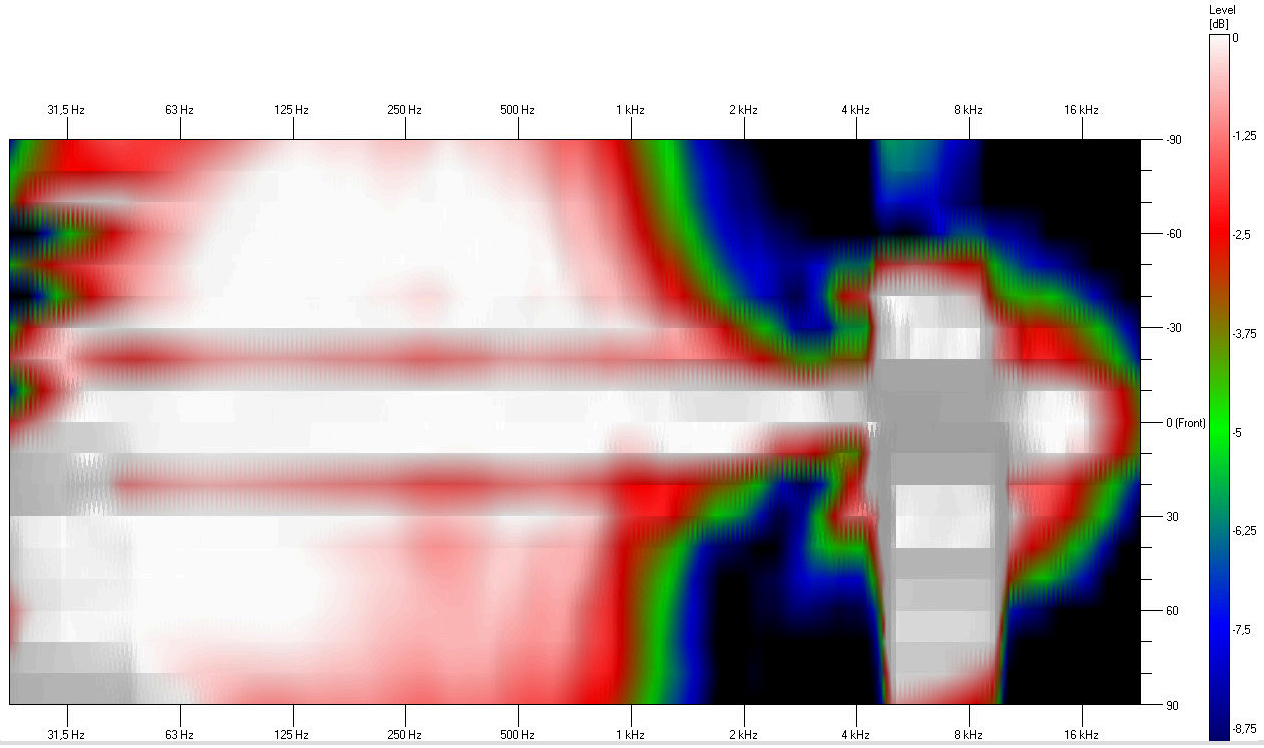


## Isobar

### Horizontal

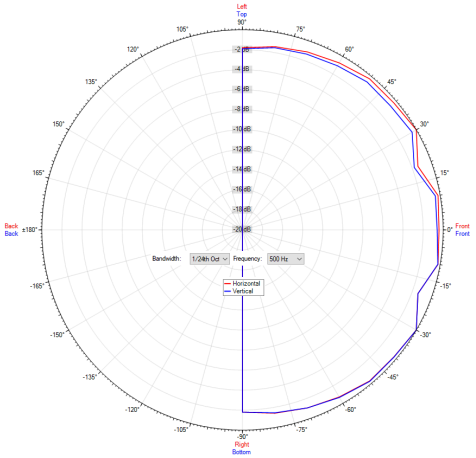



### Vertical

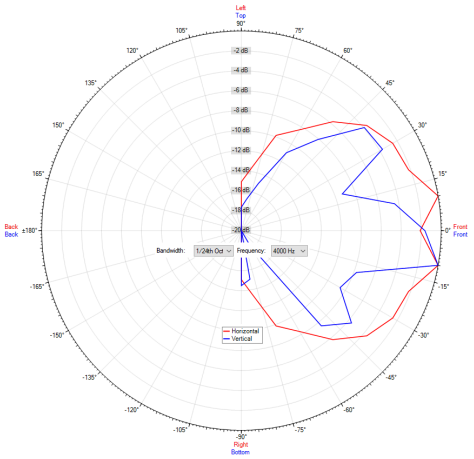


## Polar Diagram

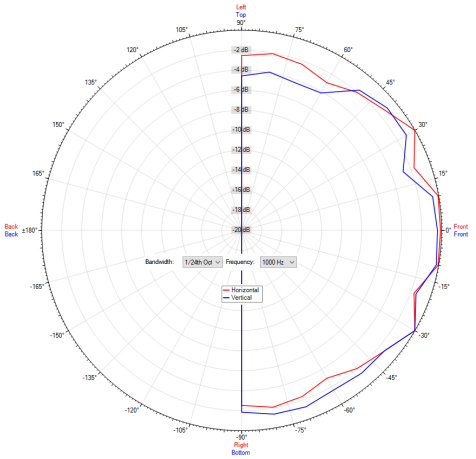
### Polar Diagram 500Hz



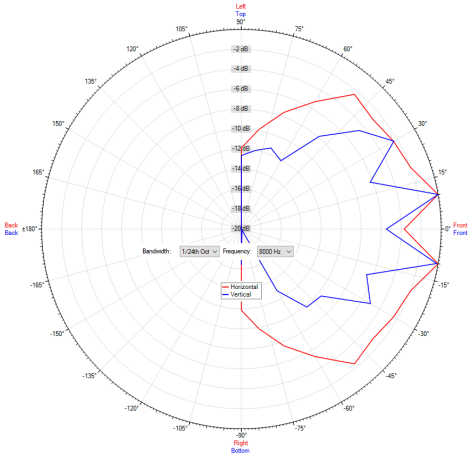

### Polar Diagram 4000Hz



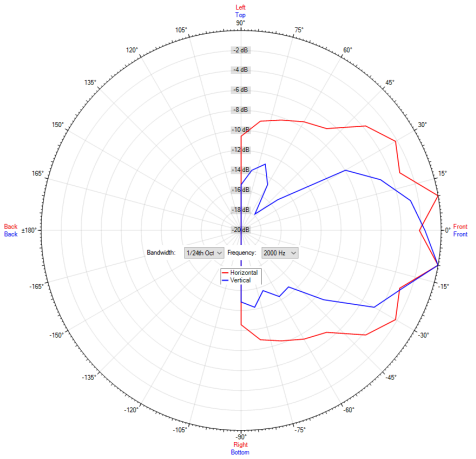

### Polar Diagram 1000Hz




### 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.

**Artikel Nr. :** 20238243
**Packing Unit:** 8