

## DK 30/T-EN54-PG



- High sound pressure level
- Weather-proof
- BS 5839



EN 54-24:2008

Ref. Nr.: 003-13

ID-Code: SAA-LS03

1438-CPR-1177

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68307 Mannheim, Germany

CE-Symbol gemäß Richtlinie 93/68EWG

The 30W powered speaker is equipped with a 100V line transformer with 4 power adjustments, also low-impedance operation (20 ohms) is possible. The impact- and UV-resistant ABS housing UL94Vo in RAL 7035 guarantees long-term stability. For additional reliability, a ceramic block and a thermal fuse are provided.

The speaker is also secured with the high protection class IP 66 against the security risks of environmental influences. The speaker is compliant with the British Standard BS 5839, Part 8.

The PG11 cable glands on the back of the speaker allow quick and easy connection.

Included is a U-shaped, stainless steel universal mount for flexible installation. Optionally available is a mast bracket (MB) for approx. 90-200 mm mast diameter.

To operate the product according to EN 54-24, an equalizer has to be used as described in the user manual.

|             |                 |
|-------------|-----------------|
| Product     | DK 30/T-EN54-PG |
| Artikel Nr. | 20205825-PG     |

## Acoustics

|                            |                       |
|----------------------------|-----------------------|
| Power                      | 30/20/10/5 (20) W     |
| Impedance (100V)           | 333/500/1000/2000 ohm |
| Frequency Range            | 592 - 6.900 Hz        |
| Frequency Response         | 250 - 15.000 Hz       |
| SPL 1W/1m, peak            | 110,1 dB              |
| SPL 1W/4m, peak            | 98,1 dB               |
| SPL Pmax/4m, peak          | 112,8 dB              |
| SPL IEC268-5, 1W/1m        | 97,0 dB               |
| SPL IEC268-5, Pmax/1m      | 111,8 dB              |
| Sensitivity EN54-24, 1W/1m | 97,9 dB               |
| Sensitivity EN54-24, 1W/4m | 85,0 dB               |
| Dispersion -6dB, 500Hz     | h/v 360°              |
| Dispersion -6dB, 1KHz      | h/v 110°              |
| Dispersion -6dB, 2KHz      | h/v 65°               |
| Dispersion -6dB, 4KHz      | h/v 35°               |

## Connections and Housing

|                               |                     |
|-------------------------------|---------------------|
| Connector                     | ceramic block       |
| Terminal Diameter             | 3,2 mm              |
| Maximum Cable Passage         | 8 mm <sup>2</sup>   |
| Max. cable cross section loop | 2x2 mm <sup>2</sup> |
| Temperature Range             | -25 / +70 C°        |
| Type A/B                      | B                   |
| Dimensions                    | 235x326 mm          |
| Weight (net)                  | 2,20 kg             |
| Housing                       | ABS                 |
| Colour                        | RAL 7035            |
| Mounting                      | Mounting bracket    |
| IP Rating                     | IP66                |

## Certification

|                    |               |
|--------------------|---------------|
| Ref. Nr.           | 003-13        |
| ID-Code            | SAA-LS03      |
| Certificate Number | 1438-CPR-1177 |

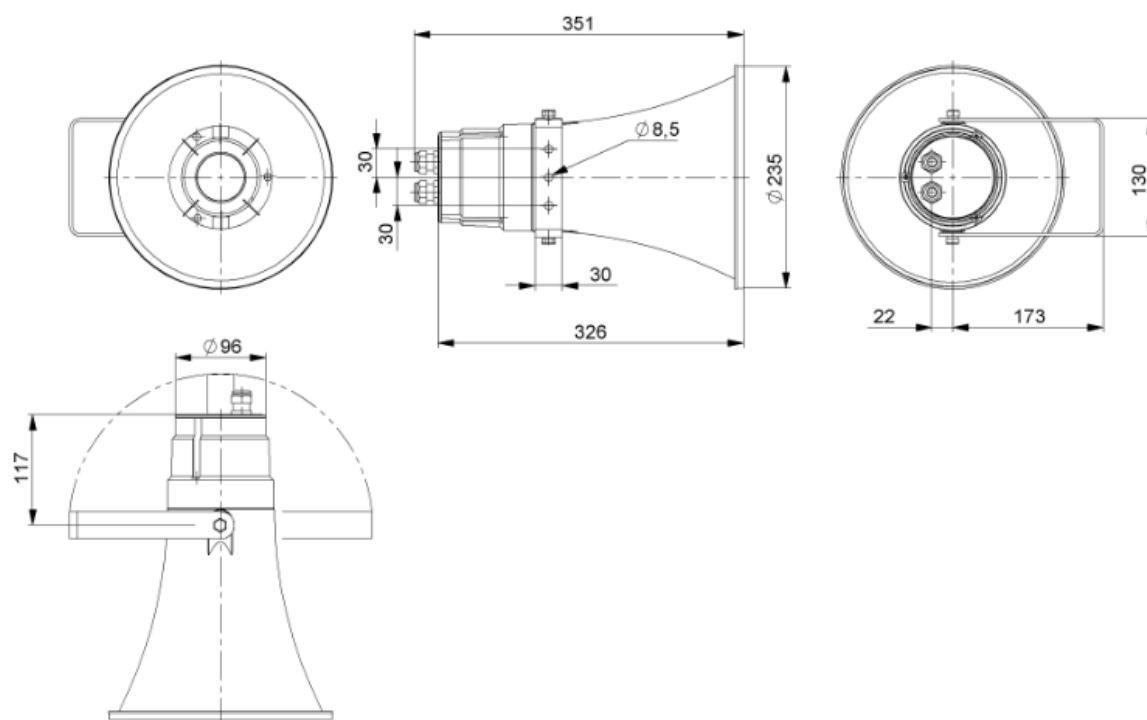
## Product Attributes



## Technical Drawing



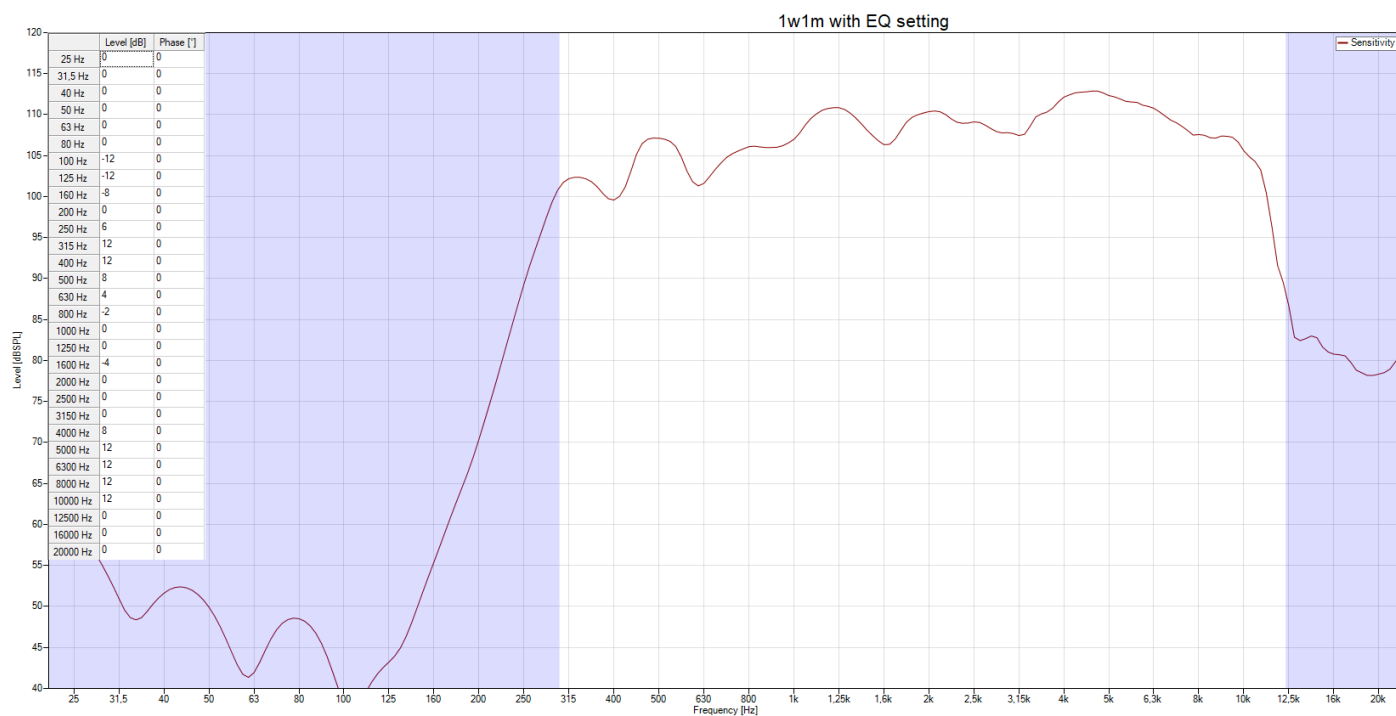
DK 30/T-EN54-PG



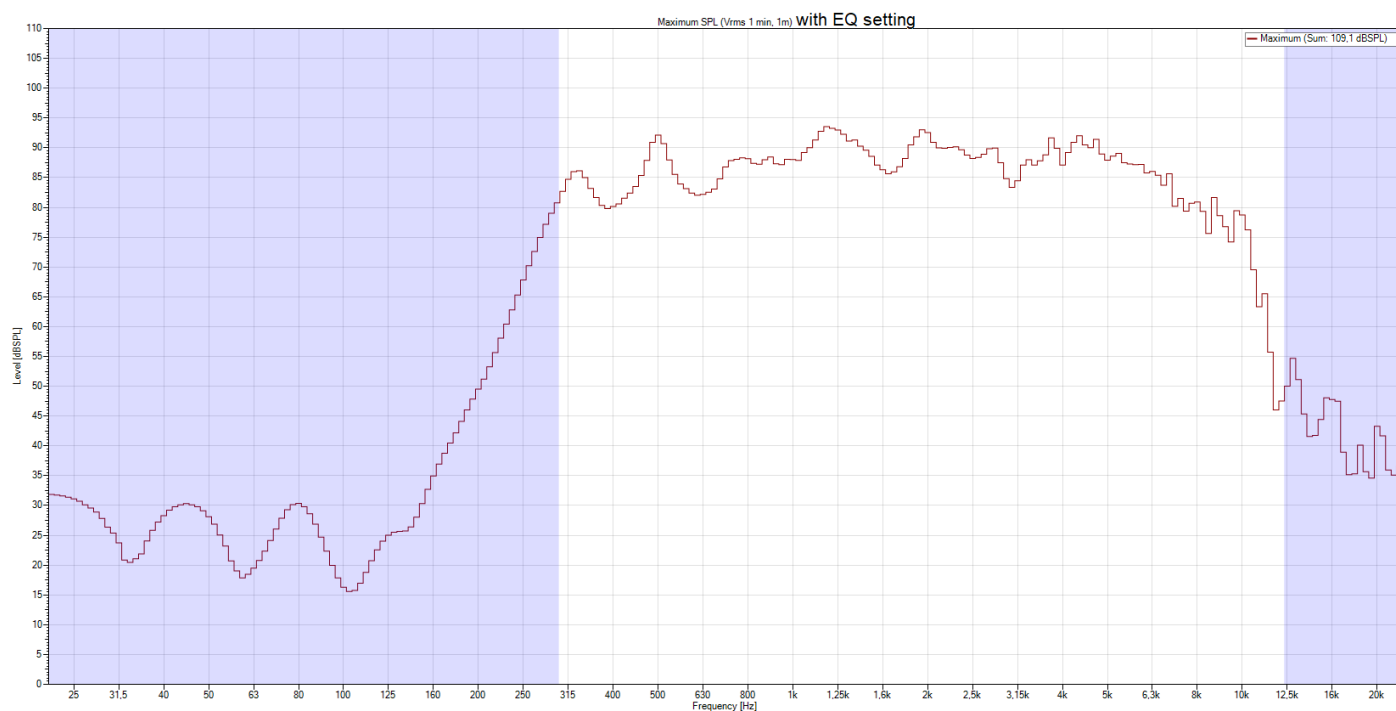
all dimensions are in mm

## Frequency Response Diagram

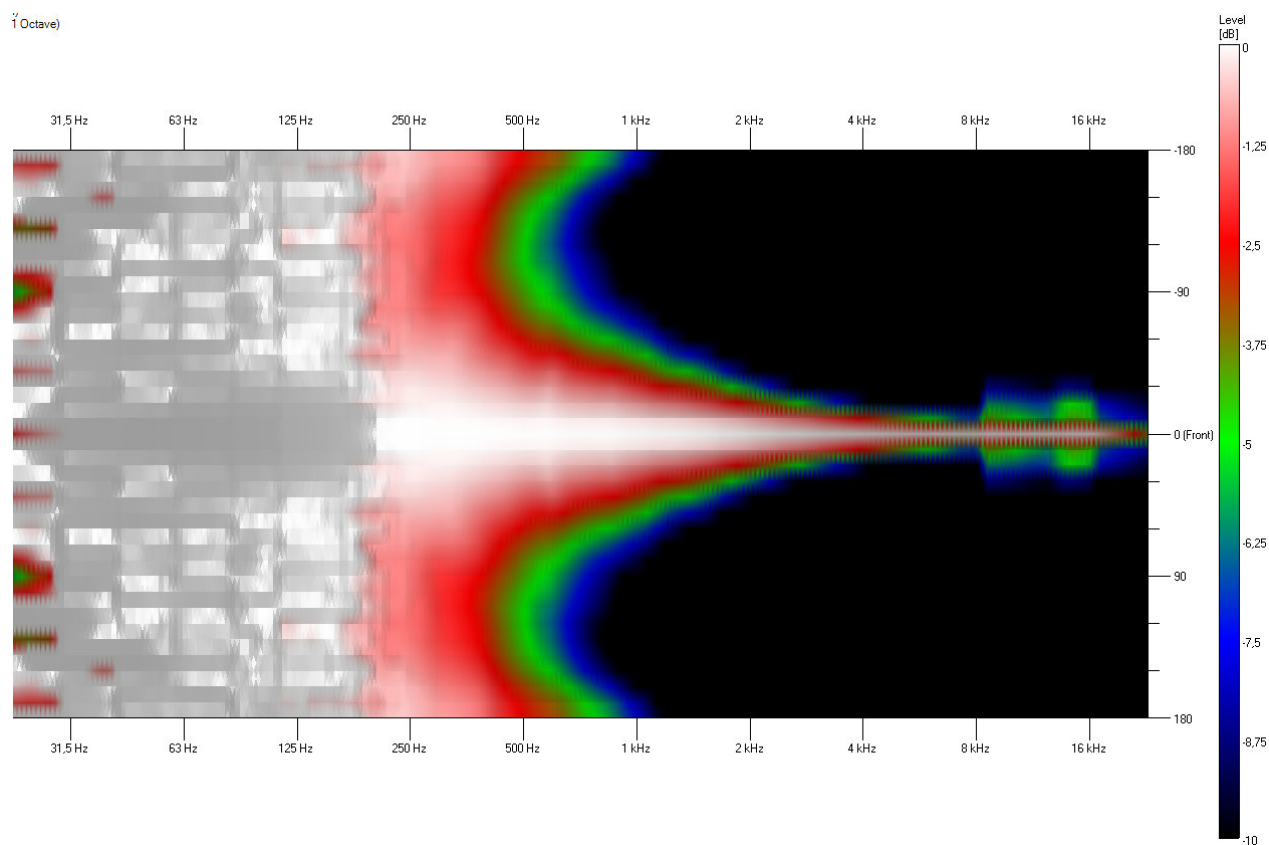
### Sensitivity



### SPL Max

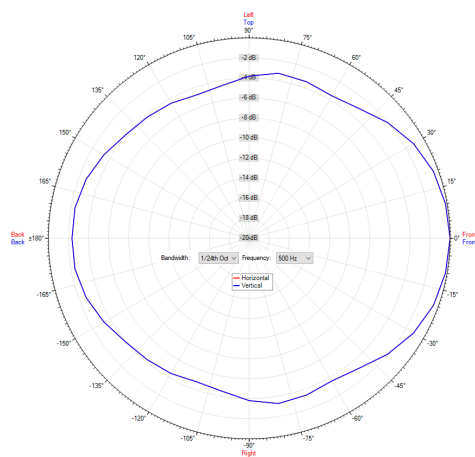


## Isobar

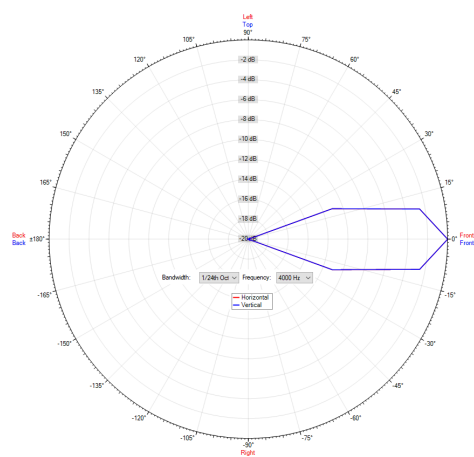


## Polar Diagram

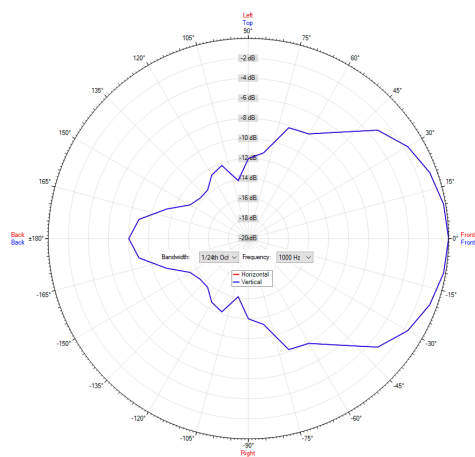
Polar Diagram 500Hz



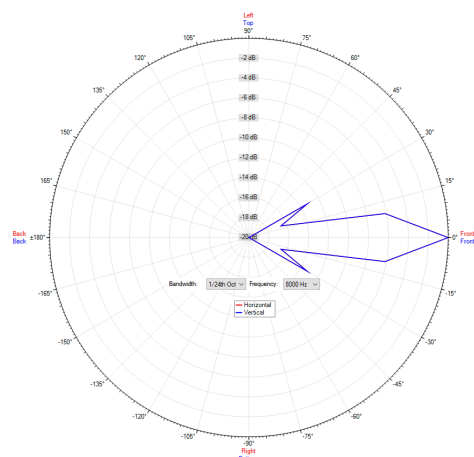
Polar Diagram 4000Hz



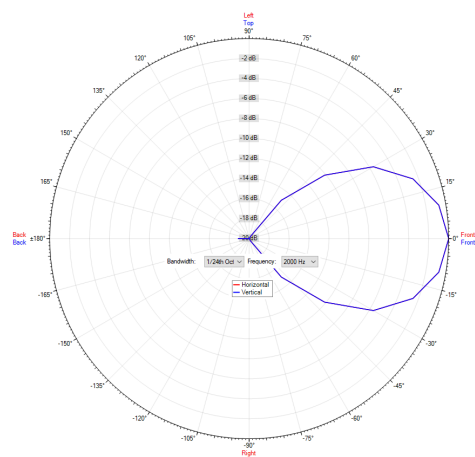
Polar Diagram 1000Hz



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. : 20205825-PG  
Packing Unit: 6

