



# DNH

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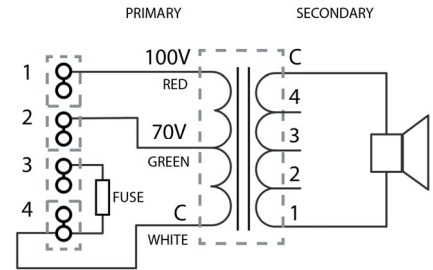
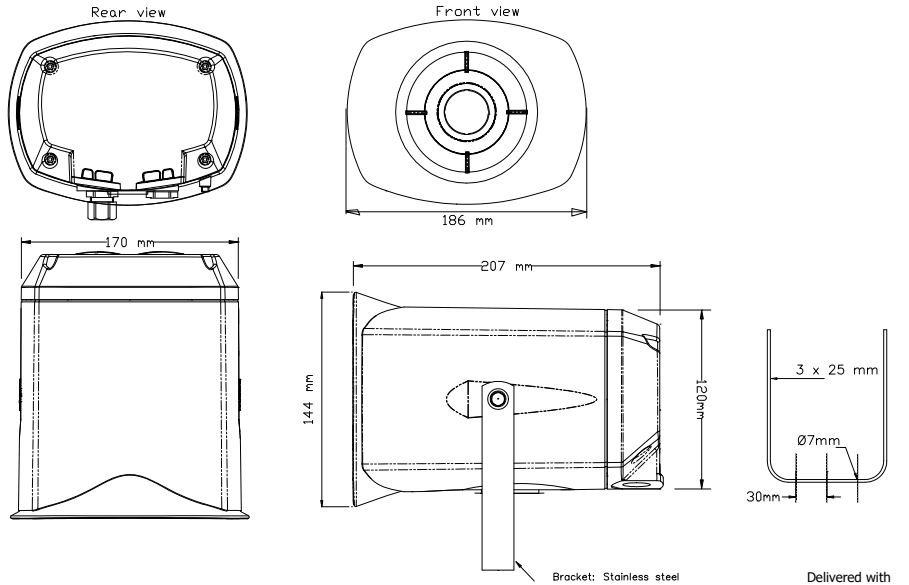
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## DSP-15-54T-MED

ISO 9001 CERTIFIED



**Tested acc. To EN54-24Type: B**  
**Manufactured by DNH A/S**  
**Kragerø, Norway**  
**15 1438-CPR-0407**

### T-48 transformer max 15W

|       |                    |
|-------|--------------------|
| C : 1 | 15,0 W, Imp. 770 Ω |
| C : 2 | 7,5 W, Imp. 1250 Ω |
| C : 3 | 4,0 W, Imp. 1667 Ω |
| C : 4 | 2,0 W, Imp. 2500 Ω |

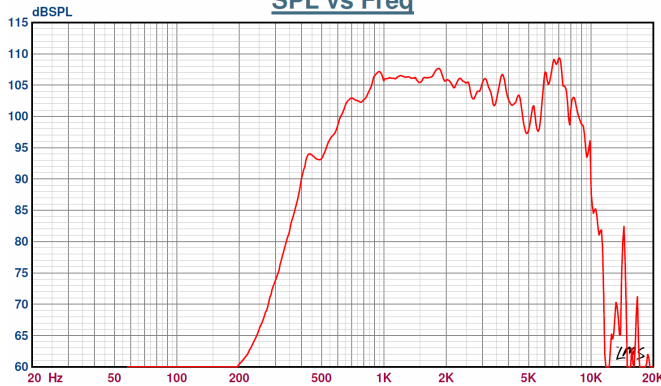
### Certified:

MED B, EN-54-24.

Contact Sales for requested certificates and marking for product

### Sound pressure levels at 1W/1m (MP-28-54)

#### SPL vs Freq



### Horizontal / vertical coverage angles

|                   |       |      |
|-------------------|-------|------|
| 1 Oct. Pink noise | 500Hz | 190° |
| 1 Oct. Pink noise | 1KHz  | 125° |
| 1 Oct. Pink noise | 2KHz  | 67°  |
| 1 Oct. Pink noise | 4KHz  | 44°  |

### Specifications

|                         |                   |
|-------------------------|-------------------|
| Material / Color        | PC-ABS / RAL 7035 |
| Mounting                | Bracket           |
| Termination             | Spring clamp      |
| Weight w/transformer    | 1,8 kg            |
| IP-rating               | 67                |
| Max. / min. amb. temp   | 90°C / -40°C      |
| Rated / max. power      | 15 W              |
| SPL 1W/1m               | 106 dB            |
| Freq. range             | 350 – 11000 Hz    |
| Safe Compass distance   | 1,25 m            |
| Measurement environment | Free field        |

### Sensitivity 315Hz-10KHz 1/3 Oct. Pink noise 1W/4 Meters

|               |               |              |
|---------------|---------------|--------------|
| 315Hz: 50 dB  | 400Hz: 61 dB  | 500Hz: 67 dB |
| 630Hz: 72 dB  | 800Hz: 76 dB  | 1KHz: 78 dB  |
| 1250Hz: 78 dB | 1600Hz: 78 dB | 2KHz: 79 dB  |
| 2500Hz: 79 dB | 3150Hz: 79 dB | 4KHz: 76 dB  |
| 5KHz: 73 dB   | 6300Hz: 77 dB | 8KHz: 76 dB  |
| 10KHz: 70 dB  |               |              |

## Installation, Operation and Maintenance Procedures

- Remove lid by four screws, lead cable through the cable gland and connect to terminal. (White: Green 70V or White: Red 100V)
- Select required tapping on the transformer.
- Screw lid back into place by four screws with a torque of 1.3 – 1.8 Nm to assure the IP rating.
- To change the position of the loudspeaker, please adjust the standard U- bracket (by loosening / tightening the screws) as required.
- DSP-15-54-MED can be supplied with three different bracket systems, according to customer requirements.
- For optimum performance, always use the correct voltage / power and operate within the frequency limits as stated.
- Do not open loudspeaker when energized.
- This loudspeaker is supplied with a two year warranty against defective workmanship.

DNH reserves the right to alter specifications without notice.

