



# DNH

HEAD OFFICE, NORWAY  
**DNH AS**

Phone..... + 47 35 98 56 00  
E-mail..... dnh@dnh.no  
Web-Site..... www.dnh.no

ENGLAND  
**DNH WW Ltd**

Phone..... + 44 1908 275 000  
Fax..... + 44 1908 275 100  
E-mail..... dnh@dnh.co.uk

GERMANY  
**DNH GmbH**

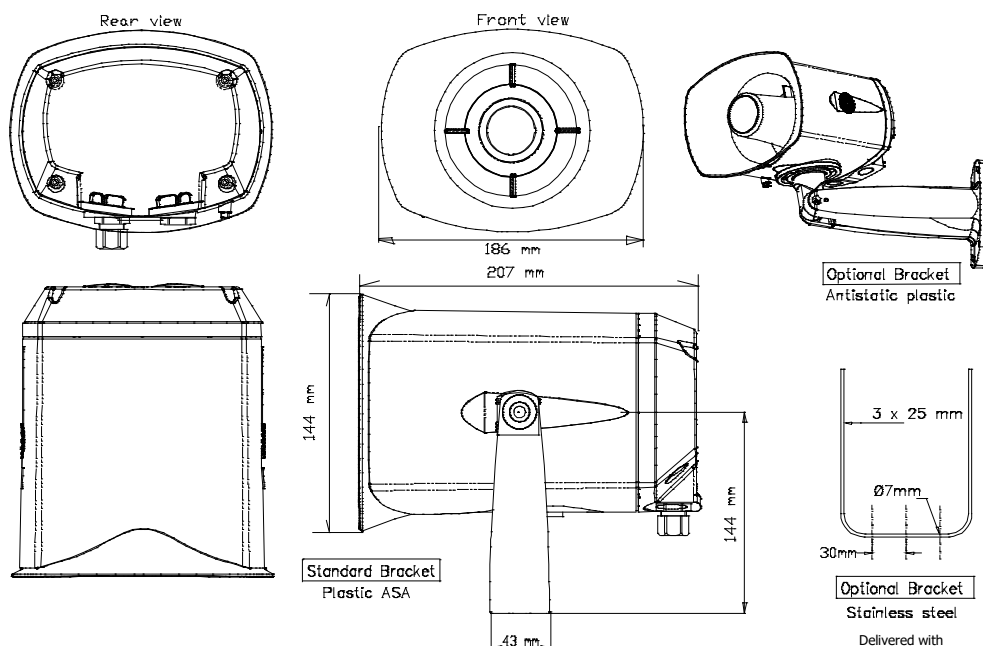
Phone... + 49 040 6569 30-0  
Fax..... + 49 040 6569 30-30  
E-mail..... dnh@dnh.de

USA  
**DNH Speakers Inc**

Phone..... + 1 484 494 5790  
Fax..... + 1 484 494 5793  
E-mail..dnh@dnhspeakers.com

ISO 9001 CERTIFIED

## DSP-15-54 (T)



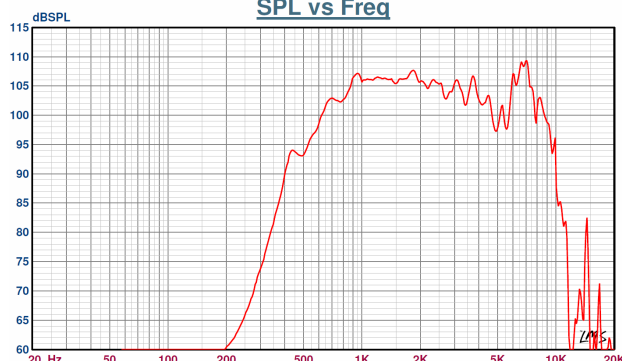
**Tested acc.  
To EN54-24  
Type: B**   
**Manufactured by  
DNH A/S  
Kragerø, Norway  
25 1438-CPR-1097**

### 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

### 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 acc. testing CNBOP / DNH

Material / Color	Ronfalin / RAL 7035
Mounting	Bracket
Termination	Spring clamp
Weight w/transformer	1,8 kg
IP-rating	33C / 67
Max. / min. amb. temp	70°C to -25°C / 90°C to -40°C
Rated / max. power	15 W
Sensitivity 1W/4m	88 dB
SPL 15W/4m	97 dB
Freq. range	100 Hz – 11000Hz
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.
- Select required tapping on the transformer.
- Screw lid back into place by four screws with a torque of 1,0 to 1,5Nm 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(T) 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 two years warranty against defective workmanship.

DNH reserves the right to alter specifications without notice.

