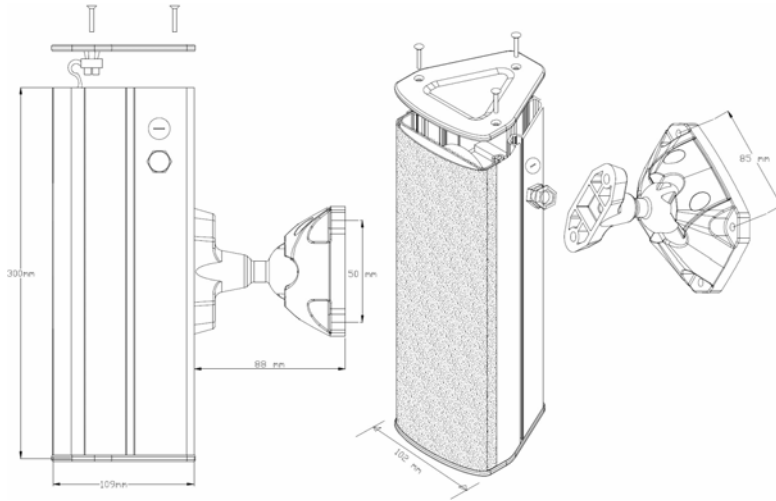





DNH

CAS-15-54 (T)

ISO 9001 CERTIFIED



Tested acc. To EN54-24
Type: B 
 Manufactured by DNH A/S
 Kragerø, Norway
 14 1438-CPR-0371

100 Volt transformer		
T-48/S/8/1000(490)CE		
Alt. 70V/50V		
Secondary nominal tapings		
Common : 1	15 W	735 Ω
Common : 2	7,5 W	1330Ω
Common : 3	4 W	2500Ω
Common : 4	2 W	5800Ω

SPL vs Freq



Sensitivity 100Hz-10KHz 1/3 Oct. Pink noise 1W/4 Meters		
100Hz:	37 dB	125Hz: 45 dB
200Hz:	59 dB	250Hz: 67 dB
400Hz:	62 dB	500Hz: 62 dB
800Hz:	62 dB	1KHz: 63 dB
1600Hz:	64 dB	2KHz: 66 dB
3150Hz:	67 dB	4KHz: 64 dB
6300Hz:	63 dB	8KHz: 63 dB
160Hz:	54 dB	315Hz: 67 dB
630Hz:	62 dB	1250Hz: 64 dB
2500Hz:	67 dB	5KHz: 64 dB
10KHz:	65 dB	

Horizontal coverage angles (HCA) / Vertical coverage angles (VCA) (-6dB)			
1 Oct. Pink noise	500Hz	360°	360°
1 Oct. Pink noise	1KHz	75°	150°
1 Oct. Pink noise	2KHz	40°	130°
1 Oct. Pink noise	4KHz	22°	90°

Specifications

Material / Color	Aluminum / RAL 9006
Mounting	Aluminum Bracket
Termination	Ceramic screw terminal
Weight w/transformer	1,9 kg
IP-rating	55
Max. / min. amb. temp	90°C / -40°C
Rated / max. power	15 W
SPL 1W/1m	93 dB
Effective freq. range	140 – 20000 Hz

CAS-15-54 (T) has been tested in 100 hours max power (15W). The model does not deviate more than ± 3 dB from the original test value. The frequency response curve and impedance comply with the original one. All SPL tests are performed in an anechoic chamber ($<70\text{m}^3$).

Installation, Operation and Maintenance Procedures

- Unscrew lid and connect to terminal.
- Select power on transformer.
- Fasten lid with approximately 1,5 Nm to assure IP rating.
- Screw bracket onto wanted position.
- 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 2 year warranty against defective workmanship.

