



ISO 9001 CERTIFIED

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DPD-10-54(T)

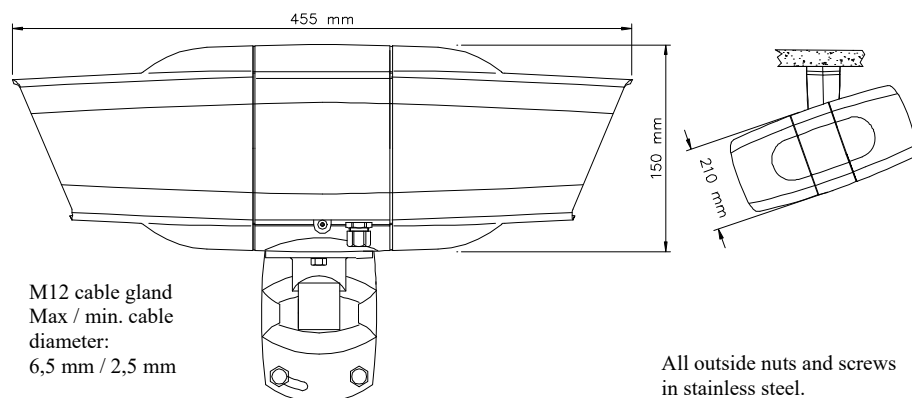
Tested acc. To EN54-24

Type: B

Manufactured by DNH A/S

Kragerø, Norway

11 1438/CPD/0225



M12 cable gland
Max / min. cable
diameter:
6,5 mm / 2,5 mm

All outside nuts and screws
in stainless steel.

Loudspeaker for voice alarm systems for fire detection and fire alarm systems for buildings

Sound pressure levels at 1W/1m P-5/15 PS counter phase



Horizontal / vertical coverage angles (÷6dB)

		HCA	VCA
1 Oct. Pink noise	500Hz	150°+150°	155°+155°
1 Oct. Pink noise	1KHz	150°+150°	160°+160°
1 Oct. Pink noise	2KHz	70°+70°	105°+105°
1 Oct. Pink noise	4KHz	45°+45°	60°+60°

Specifications

Material / Color	Ronfalin 5VA /RAL 7035
Mounting	P.A-6 Swivel Bracket
Termination	Screw terminal
Weight w/transformer	3,3 kg
IP-rating	55
Max. / min. amb. temp	90°C / -40°C
Rated / max. power	6 W / 6W
SPL 1W/1m	90 dB
Freq. range	110 Hz – 16000Hz

Maximum SPL at 6W/4M are the SPL values at 1W/4M increased with 7dB for every 1/3 octave pink noise level.

Sensitivity 100Hz-10KHz 1/3 Oct. Pink noise 1W/4 Meters

100Hz : 48dB	125Hz : 53dB	160Hz : 58dB
200Hz : 60dB	250Hz : 60dB	315Hz : 60dB
400Hz : 61dB	500Hz : 61dB	630Hz : 64dB
800Hz : 68dB	1KHz : 64dB	1250Hz : 61dB
1600Hz : 64dB	2KHz : 63dB	2500Hz : 65dB
3150Hz : 67dB	4KHz : 69dB	5KHz : 65dB
6300Hz : 64 dB	8KHz : 64dB	10KHz : 59dB

DPD-10-54(T) has been tested in 100 hours max power (6W). The model does not deviate more than ± 3 dB from the original test value. The freq. response curve and impedance complies with the original one. All SPL tests are performed in an anechoic chamber ($<70\text{m}^3$).

Installation, Operation and Maintenance Procedures

- Plastic enclosure acc. to min, class 5VB
- Unscrew lid by two screws, lead cable trough cable gland and connect to terminal. Choose tap value on transformer. Fasten lid with app. 1 Nm.
- Screw Swivel bracket onto wanted position with steel plate
- 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 years warranty against defective materials and workmanship.



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DNH reserves the right to alter specifications without notice