

**MED**  
Certified

DNH horns range in size from small, discreet miniatures to high-power, high-output alarm horns. Regardless of your application, whether outside a factory, or on a naval vessel.

DNH manufactures a product that is designed to withstand harsh environments with exceptional performance.

Now also with MED certification.



**MAKES THE WORLD SOUND**



## HP-6C(T)-MED

This 6W plastic miniature loudspeaker is marine grade IP67 weatherproof rated. Suitable for outdoor installations. Complete with termination chamber. EN 45545-2 compliant. Can be delivered as a molded model to withstand high pressure jetting IP.

### SPECIFICATIONS

Material / Color	Polyamide UL94 V0 / RAL 7035
Mounting	Bracket
Termination	Screw terminal
Weight w/transformer	0,62 kg
IP-rating	67
Max. / min. amb. temp	110°C / -40°C
Rated power	6 W
SPL 1W/1m	100 dB
SPL rated power	107 dB
Effective freq. range	300 – 20000 Hz
Dispersion (-6dB) 1kHz / 4kHz	178° / 62°
Directivity factor, Q 1kHz/4kHz	2,0 / 5,8
Safe Compass Distance	5 m
Options	colors, labels



## HPS-6C(T)

This 6W plastic miniature loudspeaker is marine grade IP67 weatherproof rated with a square front for recessed surface mounting. Complete with termination chamber. Can be delivered as a molded model to withstand high pressure jetting IP 69K.

### SPECIFICATIONS

Material / Color	Polyamide V0 halogen free/RAL 7035
Mounting	Insertion
Termination	Screw terminal
Weight w/transformer	0,6 kg
IP-rating	67
Max. / min. amb. temp	110°C / -40°C
Rated power	6 W
SPL 1W/1m	100 dB
SPL rated power	107 dB
Effective freq. range	300 – 20000 Hz
Dispersion (-6dB) 1kHz / 4kHz	155° / 70°(Baffel)
Directivity factor, Q 1kHz/4kHz	2,0 / 5,8
Safe Compass Distance	5 m
Options	Impedance, colors, labels





## HP-10(T)-MED

10W plastic loudspeaker. Small and light. Suitable for outdoor installations. Plastic or stainless-steel bracket. Delivered with M20 glands. 70/100 V transformer with variable power adaptation.



## HP-15(T)-MED

15W plastic IP67 weatherproof loudspeaker. Small and Light. Suitable for outdoor installations. Plastic bracket as standard but also available with stainless steel bracket.

### SPECIFICATIONS

Material / Color	Ronfalin C110 (PC+ABS) / RAL 7035
Mounting	Bracket
Termination	Screw terminal
Weight w/transformer	1,1 kg
IP-rating	66/67
Max. / min. amb. temp	90°C / -50°C
Rated power	10 W
SPL 1W/1m	107 dB
SPL rated power	117 dB
Effective freq. range	370 – 12000 Hz
Dispersion (-6dB) 1kHz / 4kHz	155° / 52°
Safe Compass distance	5 m
Options	Impedance, colors, labels

### SPECIFICATIONS

Material / Color	ASA / RAL 7035
Mounting	Bracket
Termination	Screw terminal
Weight w/transformer	1,4 kg
IP-rating	66 / 67
Max. / min. amb. temp	90°C / -50°C
Rated power	15W
SPL 1W/1m	108 dB
SPL rated power	118 dB
Effective freq. range	330 – 8000 Hz
Dispersion (-6dB) 1kHz / 4kHz	130° / 33°
Directivity factor, Q 1kHz/4kHz	3,2 / 11
Safe Compass Distance	5 m
Options	colors, labels





## HP-20(T)-MED

20W plastic IP67 marine grade weatherproof horn speaker.  
Manufactured for extreme weather conditions and thus very suitable for outdoor use.



## HP-30(T)-MED

30W plastic IP67 marine grade weatherproof horn speaker.  
Manufactured for extreme weather conditions and thus very suitable for outdoor use.

### SPECIFICATIONS

Material / Color	Polyamide / RAL 7035
Mounting	Bracket
Termination	Screw terminal
Weight w/transformer	2,1 kg
IP-rating	67
Max. / min. amb. temp	110°C / -50°C
Rated power	20W
SPL 1W/1m	110 dB
SPL rated power	122 dB
Effective freq. range	310 – 8000 Hz
Dispersion (-6dB) 1kHz / 4kHz	110° / 32°
Safe Compass Distance	5 m
Options	Impedance, colors, labels

### SPECIFICATIONS

Material / Color	Polyamide / RAL 7035
Mounting	Bracket
Termination	Screw terminal
Weight w/transformer	2,2 kg
IP-rating	67
Max. / min. amb. temp	110°C / -50°C
Rated power	30W
SPL 1W/1m	110 dB
SPL rated power	124 dB
Effective freq. range	310 – 8000 Hz
Dispersion (-6dB) 1kHz / 4kHz	110° / 32°
Safe Compass Distance	5 m
Options	Impedance, colors, labels





## MH-30(T)-MED

30W music horn. Superb long throw music reproduction with extra bass. This range has been engineered to provide the highest quality public address for both indoor and outdoor applications. High sound quality combined with high sensitivity. The extended frequency range of MH-30(T) makes it suitable for all kinds of music.

### SPECIFICATIONS

Material / Color	ABS, Polypropylene / RAL 7035
Mounting	Aluminum bracket
Termination	Screw terminal
Weight w/transformer	3,9 kg
IP-rating	55
Max. / min. amb. temp	90°C / -40°C
Rated power	30W
SPL 1W/1m	102 dB
SPL rated power	116 dB
Effective freq. range	140 – 16000 Hz
Dispersion (-6dB) 1kHz / 4kHz	65° / 30°
Safe Compass Distance	5 m
Options	Impedances, colors, labels



## DSP-15(T)-MED

15W plastic IP67 marine grade weatherproof horn speaker with an extra-large termination chamber, allowing for easier installation and reducing the requirements for additional junction boxes.

### SPECIFICATIONS

Material / Color	ASA / RAL 7035
Mounting	Bracket
Termination	screw terminals
Weight w/transformer	1,8 kg
IP-rating	67
Max. / min. amb. temp	90°C / -50°C
Rated / max. power	15 W / 20 W
SPL 1W/1m	106 dB
SPL rated power	117 dB
Effective freq. range	350 – 11000 Hz
Dispersion (-6dB) 1kHz / 4kHz	200° / 47°
Directivity factor, Q1kHz/4kHz	1,8 / 7,6
Safe Compass distance	1,25 m
Options	Impedances, colors, labels





## SAFE-15(T)-MED

This 15W aluminum horn speaker is contained within a vandal proof cabinet. It is designed for use in alarm systems, providing horn sound pressure levels for industrial environments as well as applications where size or appearance are a priority.

### SPECIFICATIONS

Material / Color	Aluminum / White /Red
Mounting	4 screws
Termination	Ceramic terminal
Weight w/transformer	1,7 kg
IP-rating	67
Max. / min. amb. temp	110°C / -50°C
Rated power	15 W
SPL 1W/1m	101 dB
SPL rated power	113 dB
Effective freq. range	500 – 6000 Hz
Dispersion (-6dB) 1kHz / 4kHz	175° / 110°
Safe Compass distance	5 m
Options	Impedances, colors, labels



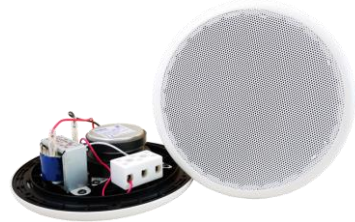
## DST-100-MED

High powered driver in aluminum. Suitable for alarms that are to cover large areas. The audio specifications listed are for the driver in combination with DNH's DH-50 flare

### SPECIFICATIONS

Material / Color	Aluminum alloy / RAL 7035
Mounting	Threaded UNEF 1 3/8 - 18
Termination	Inside screw terminals
Weight	2,4 kg
IP-rating	67
Max. / min. amb. temp	150°C / -50°C
Rated power	100 W
SPL 1W/1m	112 dB
SPL rated power	132 dB
Effective freq. range	200 – 5500 Hz
Dispersion (-6dB) 1kHz / 4kHz	42° / 25°
Directivity factor, Q1kHz/4kHz	8,5 / 14,2
Safe Compass Distance	5 m
Options	50 V or 70 V line, colors





## BP-361(T)-MED

6W ceiling-speaker with secure screw mounting. The ceiling speaker is versatile, being used in most installations for public address announcements.

### SPECIFICATIONS

Material / Color	Steel, aluminum, ABS / RAL9010
Mounting	Screws
Termination	Ceramic terminal
Weight w/transformer	0,52 kg
IP-rating	20
Max. / min. amb. temp	90°C / -20°C
Rated / max. power	6 W
SPL 1W/1m	90 dB
SPL rated power	97 dB
Effective freq. range	150 - 20000 Hz
Safe compass distance	5 m



## BP-361S(T)-MED

6W ceiling-speaker with secure screw mounting. The ceiling speaker is versatile, being used in most installations for public address announcements.

### SPECIFICATIONS

Material / Color	Steel, aluminum, ABS / RAL9010
Mounting	Screws
Termination	Ceramic terminal
Weight w/transformer	0,52 kg
IP-rating	20
Max. / min. amb. temp	90°C / -20°C
Rated / max. power	6 W
SPL 1W/1m	90 dB
SPL rated power	97 dB
Effective freq. range	150 - 20000 Hz
Safe compass distance	5 m
<b>IP-rating</b>	<b>44 (when installed in a flat horizontal roof)</b>





## BPF-660(T)-MED

Our new improved mounting system makes this the most flexible 6" ceiling speaker DNH A/S has made. The hooks are changeable to set upside down, allowing up to 55 mm on the ceiling thickness. The easy mounted dust box has a M20 gland and a M20 blanking plug on the side as standard.

### SPECIFICATIONS

Material / Color	PA-6 V0/ ABS / RAL9010
Mounting	Hooks
Termination	Spring clamps
Weight w/transformer	1,3 kg
IP-rating	54
Max. / min. amb. temp	90°C / -20°C
Rated power	6 W
SPL 1W/1m	93 dB
SPL rated power	100 dB
Effective freq. range	170 – 20000 Hz
Dispersion (-6dB) 1kHz / 4kHz	155° / 125° (baffle)
Safe compass distance	2,2 m
Options	Impedances, colors, labels



## BS-560(T)-MED

5" 6W ceiling-speaker. Secure screw fit alu. speaker mostly used in installations for speech, alarm and music because of its wide frequency range. No visible screws.

### SPECIFICATIONS

Material / Color	Aluminum/RAL9010
Mounting	2 screws
Termination	Spring clamps
Weight w/transformer	0,66 kg
Max. / min. amb. temp	90°C / -20°C
Rated power	6 W
SPL 1W/1m	90 dB
SPL rated power	97 dB
Effective freq. range	130 – 20000 Hz
Dispersion (-6dB) 1kHz / 4kHz	170° / 60° (baffle)
Safe Compass Distance	5 m
Options	Impedances, colors, labels





## CEILING SPEAKER



### VES-561(T)-MED

5" 6W BS5839 Part8 VA compliant, metal ceiling speaker with steel fire dome, ceramic terminal block and thermal fuse. Dual M20 top or side cable entry options, 7 step ratchet secure fitting, fold away terminal block, and a 3-legged cam variable ceiling thickness mounting make this the most popular selling low-cost VA/PA speaker in the range.

#### SPECIFICATIONS

Material / Color	Steel / White
Mounting	3 screws
Termination	Ceramic terminal
Weight	1,1 kg
IP-rating	32C
Max. / min. amb. temp	90°C / -20°C
Standard version	100 V transformer
Rated power	6 W
SPL 1W/1m	90 dB
SPL rated power	97 dB
Effective freq. range	100 – 13000 Hz
Dispersion (-6dB) 1kHz / 4kHz	160° / 60° (baffle)
Safe Compass distance	5 m
Options	colors



## Music Masters



### MC-50(T)

MC-50 is weatherproofed to IP 54 for mounting in e.g. pub gardens and exposed eating areas. The stylish curved cabinet is delivered with a bracket. The loudspeaker is also ballproof and is well suited for use in different sporting arenas.

#### SPECIFICATIONS

Material / Color	ASA / RAL 7035
Mounting	Bracket
Termination	Screw terminal in termination chamber
Weight w/transformer	6,2 Kg
IP-rating	54
Max. / min. amb. temp	90°C / -40°C
Rated power	50 W
SPL 1W/1m	98 dB
SPL rated power	115 dB
Effective freq. range	90 – 20000 Hz
Dispersion (-6dB) 1kHz / 4kHz	Horizontal 84°/105° Vertical 127°/105°
Directivity factor, Q	Horizontal 4,3 Vertical 2,8
Safe Compass distance	2,3 m
Options	colors, labels





## SAFE-10P(T)-MED

10W plastic IP55 rated cabinet speaker fitted with separate internal compartment for electronic components. Often used in indoor applications and bathrooms on ships.

### SPECIFICATIONS

Material / Color	ABS / RAL 9010
Mounting	4 screws
Termination	Screw terminal
Weight w/transformer	0,8 kg
IP-rating	55
Max. / min. amb. temp	90°C / -40°C
Rated power	10 W
SPL 1W/1m	87 dB
SPL rated power	97 dB
Effective freq. range	160 – 17000 Hz
Dispersion (-6dB) 1kHz / 4kHz	115° / 70°
Options	Impedances, colors, labels
Safe Compass distance	5 m



## SAFE-561(T)-MED

5" 6W BS5839 Part 8 VA compliant metal cabinet speaker complete with ceramic terminal block and thermal fuse. 1st fit 2nd fit mounting arrangement, to allow full circuit test before final connection. Can be glanded for side entry or into the rear of the unit for discreet cabling. The speaker also has low profile for wall mounting safety.

### SPECIFICATIONS

Material / Color	Steel / White
Mounting	Four screws
Termination	Ceramic terminals
Weight	1,3 kg
IP-rating	55
Max. / min. amb. temp	90°C / -20°C
Rated power	6W
SPL 1W/1m	90 dB
SPL rated power	97 dB
Effective freq. range	180 – 13000 Hz
Dispersion (-6dB) 1kHz / 4kHz	187° / 77°
Safe Compass distance	5 m
Options	Impedances, colors, labels





### CP-6(T)-MED

6W plastic office speaker. Simple to install and suitable for many applications. The speaker is ideal for public address and background music systems.

#### SPECIFICATIONS

Material / Color	ABS / RAL 9010
Mounting	3 Screws
Termination	Internal screw connections
Weight w/transformer	0,6 kg
Max. / min. amb. temp	90°C / -20°C
Rated power	6 W
SPL 1W/1m	86 dB
SPL rated power	94 dB
Effective freq. range	170 – 20000 Hz
Dispersion (-6dB) 1kHz / 4kHz	130° / 175°
Safe Compass Distance	1,6 m
Options	colors, labels



### CP-66(T)-MED

6W plastic bidirectional corridor speaker. Simple to install and suitable for many applications. The speaker is ideal for public address and background music systems.

#### SPECIFICATIONS

Material / Color	ABS / RAL 9010
Mounting	4 screws
Termination	Internal screw terminals
Weight w/transformer	0,77 kg
Max. / min. amb. temp	90°C / -20°C
Rated power	6 W
SPL 1W/1m	86 dB
SPL rated power	94 dB
Effective freq. range	140 – 20000 Hz
Dispersion (-6dB) 1kHz / 4kHz	250° / 195°(horizontal)
Safe Compass distance	1,6 m
Options	Impedance, colors, labels





## HP-10-54(T)-MED

If the speaker is used for fire and emergency announcement, it must comply with EN54-24. The DNH loudspeaker HP-10-54T is tested and certified according to EN54-24.



## DSP-15-54T-MED

If the speaker is used for fire and emergency announcement, it must comply with EN54-24. The DNH loudspeaker DSP-15-54T is tested and certified according to EN54-24.

### SPECIFICATIONS

Material / Color	Ronfalin / RAL 7035
Mounting	Bracket
Termination	Screw terminal
Weight w/transformer	1,1 kg
IP-rating	33C / 66 and 67
Max. / min. amb. temp	70°C to -25°C / 90°C to -50°C
Rated / max. power	10 W
Sensitivity 1W/4m	87 dB
SPL 10W/4m	96 dB
Freq. range	100 Hz – 11000Hz
Safe Compass distance	5 m
Measurement environment	Free-field

Active equalization of +3dB required at 5000 1/3 octave band



IP66

IP67

### SPECIFICATIONS

Material / Color	PC-ABS / RAL 7035
Mounting	Bracket
Termination	screw or push terminals
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



IP67



### VES-561-54(T)-MED

If the speaker is used for fire and emergency announcement, it must comply with EN 54-24. The DNH loudspeaker VES-561-54(T) is tested and certified according to EN 54-24.

#### SPECIFICATIONS

Material / Color	Steel /Alu or Ral 9010
Mounting	3 screws
Termination	Ceramic terminal
Weight w/transformer	1,1 kg
IP-rating	32C
Max. / min. amb. temp	55°C to -10°C / 90°C to -20°C
Rated / max. power	6 W
Sensitivity 1W/4m	77 dB
SPL 6W/4m	84 dB
Freq. range	100 Hz – 13000Hz
Safe Compass Distance	5 m
Measurement environment	Standard baffle



### SAFE-10P-54T-MED

10W plastic IP55 rated cabinet speaker fitted with separate internal compartment for electronic components. Often used in indoor applications and bathrooms on ships. Safe10P-54(T) is tested and certified according EN54-24

#### SPECIFICATIONS

Material / Color	ABS, RAL 9010
Mounting	4 screws
Termination	Ceramic terminal
Weight w/transformer	0,8 kg
IP-rating	21C / 55
Working temp	55°C to -10°C / 90°C to -40°C
Rated power	10W
Sensitivity 1W/4m	72 dB
SPL 10W/4m	81 dB
Freq. range	100Hz – 17000Hz
Safe Compass distance	5 m
Measurement environment	Free-field

Maximum SPL at 10W/4M are the SPL values at 1W/4M increased with 10dB for every 1/3 octave pink noise level.





### SAFE-561-54(T)-MED

If the speaker is used for fire and emergency announcement, it must comply with EN54-24. The DNH loudspeaker SAFE-561-54(T) is tested and certified according to EN54-24.

#### SPECIFICATIONS

Material / Color	Steel /Alu/ Ral 9010
Mounting	4 screws
Termination	Ceramic terminal
Weight w/transformer	1,2 kg
IP-rating	32C
Max. / min. amb. temp	55°C to -10°C / 90°C to -20°C
Rated / max. power	6W
Sensitivity 1W/4m	77 dB
SPL 6W/4m	84 dB
Freq. range	100 Hz – 13000Hz
Safe Compass Distance	5 m
Measurement environment	Free-field



IP32C



### CAS-15-54(T)-MED

Cabinet loudspeaker totally constructed in aluminum, suitable for use in fire alarm and emergency systems. CAS-15-54(T) is tested and certified according EN54-24

#### SPECIFICATIONS

Material / Color	Aluminum / RAL 9006
Mounting	Aluminum Bracket
Termination	Ceramic terminal
Weight w/transformer	1,9 kg
IP-rating	33 / 55
Max. / min. amb. temp	70°C to -25°C / 90°C to -40°C
Rated / max. power	15 W
Sensitivity 1W/4m	75 dB
SPL 15W/4m	86 dB
Effective freq. range	100 – 20000 Hz
Measurement environment	Free-field
Safe Compass Distance	5 m



IP55



## DSP-15EExmN(T)-MED

25W Ex plastic horn speaker. This versatile model can be ordered with different transformers for more tapings and power ratings. DSP-15 EExmN(T) is light and has M20 entries in the back lid for easy cable mounting. Extra termination space for loop in loop out purpose as standard.

### SPECIFICATIONS

Material / Color	Anti-static PA / Black	
Mounting	Bracket	
Termination	e-chamber, push terminals	
Weight w/transformer	2,2 kg	
IP-rating	66 / 67	
Max. / min. amb. temp	60°C / -50°C	
Rated / max. power	25 W / 30 W	
SPL 1W/1m	106 dB	102 dB
SPL rated power	118 dB	114 dB
Effective freq. range	380 – 8000 Hz	450-7000
Dispersion (-6dB) 1kHz / 4kHz	120° / 37°	105° / 35°
Directivity factor, Q 1kHz/4kHz	4,5 / 9,6	
Safe Compass Distance	1,25 m	
Options	labels, transformers, monitoring(M), maintenance free (MF), cables, bracket	



## DSP-15EExmNL(T)

Are you in need for an ATEX horn speaker that is light in weight but heavy on sound coverage? Our new long flare version of DSP-15 EExmNT is an excellent choice when required SPL needs to be high.

### SPECIFICATIONS

Material / Color	Anti-static PA / Black	
Mounting	Bracket	
Termination	e-chamber, push terminals	
Weight w/transformer	2,8 kg	
IP-rating	66 / 67	
Max. / min. amb. temp	60°C / -50°C	
Rated / max. power	25 W / 30 W	
SPL 1W/1m	109 dB	105 dB
SPL rated power	122 dB	118 dB
Effective freq. range	380 – 7000 Hz	400-7000
Dispersion (-6dB) 1kHz / 4kHz	100° / 30° horizontal	73° / 33°
Safe Compass Distance	1,25 m	
Options	Labels, transformers, monitoring (M), maintenance free (MF), cables, bracket	





## BA-56EExeN(T)

Ex certified ceiling speaker for flush mounting. An IP-rating of 54, makes the loudspeaker very flexible regarding placement and the sound characteristics ensure high quality sound in any situation. Please be aware that this speaker can have different transformers in order to get the dB lower than with a 6W transformer.

### SPECIFICATIONS

Material / Color	Aluminum / RAL 9010
Mounting	3 screws
Termination	e-chamber, push terminal
Weight w/transformer	3,0
IP-rating	54
Max. / min. amb. temp	50°C / -20°C
Rated / max. power	6 W / 6 W
SPL 1W/1m	88 dB
SPL rated power	95 dB
Effective freq. range	160 – 15000 Hz
Dispersion (-6dB) 1kHz / 4kHz	113° / 25°
Directivity factor, Q1kHz/4kHz	3,2 / 14,1
Safe Compass Distance	2,1 m
Options	colors, labels

