

# HORN-MARINE

## Product Guide

12W 100V/8Ω Line IP67 Rated ABS Marine Horn Speaker



- ✓ IP67 dust & moisture rated
- ✓ UV stabilised
- ✓ -30°C to 70°C for harsh environments
- ✓ 8 Ohm or 100V tapings via 6 core cable
- ✓ Recessed or ceiling mount option
- ✓ Stainless steel corrosion proof hardware
- ✓ Corrosion, chemical & fire resistant
- ✓ Excellent for both marine and industrial environments

### Specifications

#### Electrical

Power taps:	1, 3, 6, 9, 12W & 8Ω
Frequency response:	600Hz - 11KHz
Dispersion angle:	185° @ 1KHz
SPL 1W @ 1m:	102dB
Max SPL (Full power @ 1m):	112dB
Dispersion 1KHz/4KHz:	185° / 45°
Power tap selection:	7-core cable

#### Mechanical

Driver construction:	Aluminium voice coil former
Dimensions (mm):	143Ø x 110D
Weight:	1.05kg
Material:	Nylon+Fiber with UL94V-0 & UV protection
Colour:	Light Grey

#### Environmental

Operating temperature:	-30°C to +70°C
Relative humidity:	< 95%

### Application

The Horn-Marine engineered specifically for use in extremely harsh industrial and marine applications.

The UV stabilised IP67 rated enclosure is impervious to corrosion and chemicals. All fixing hardware is stainless steel preventing rust and corrosion.

Power selection for both 100V and 8Ω taps is via multicore cable.

The compact robust design is suitable for use on drilling rigs, ships, industrial sites, mining sites and other marine applications. The low operating temperature, down to -30°C, also makes them suitable for use in cold rooms and freezers.

Removing the mounting bracket enables the horn to be flush ceiling mounted for a discrete installation.

The Horn-Marine offers high performance in terms of SPL and frequency response ensuring crystal clear speech intelligibility and is suited to general PA or emergency evacuation systems.

### Installation Guidelines

The Horn-Marine is a 100V line horn speaker designed for direct connection to a commercial amplifier with 100V output. It is fitted with a 7 core cable for power tap selection and loop through connection. Supplied with stainless steel mounting hardware.

The neutral grey RAL colour provides an architecturally unobtrusive finish to virtually any installation.