

Fire detection and evacuation solutions that save lives.

10W Horn Speaker

Features

- Tough UV stabilized fire resistant plastic
- High SPL performance
- Cable restraint plate
- Extended frequency range
- Compression glands supplied
- Quick fit bracket
- Excellent speech intelligibility
- Approved to AS7240-24

Description

The 10W Horn Speaker is designed for use in Emergency Warning and Intercom Systems to provide a high degree of speech articulation and program clarity which is essential to meet today's demanding evacuation standards. Compact yet very efficient with a high SPL output, the horn speaker is ideal for car parks, plant rooms, industrial plants, schools, train/bus stations and airports.

The quick fit wall bracket assembly together with bayonet fit termination chamber provide for easy and safe installation whilst working at heights. Cable access is provided for loop-in/loop-out wiring via two compression glands to a 4 way terminal block incorporating cable restraint clamp.

The Horn Speaker operates on a 100 volt circuit and incorporates a 22uF bi-polar capacitor making it suitable for end of line speaker circuit monitoring when used with Ampac alarm system products.

The Horn Speaker is manufactured from tough high impact fire retardant ABS plastic and is IP66 rated for outdoor use.

Note, equalisation required for frequency response compliance to AS7240-24.



Specifications

Maximum power output	10 watts
Line Voltage	100 volt
Power taps & Impedance (100V line)	1.25 (8KΩ), 2.5 (4KΩ), 5 (2KΩ), 7.5 (1.33KΩ), 10 (1KΩ)
Sensitivity	98dB (1W @ 1m), 86dB (1W @ 4m)
Maximum Sound Pressure Level	110dB (10W @ 1m), 98dB (10W @ 4m)
Frequency response	250Hz to 10KHz
Coverage Angle (-6dB)	500Hz 88°, 1000Hz 127°, 2000Hz 79°, 4000Hz 58°
Dimensions	280mm dia x 180mm D
Weight	1.8kg
Operating temperature	-20°C to +55°C
Humidity (no condensation)	0 to 95%
IP rating	IP66
Application type	Type B (outdoor applications)
Approval	AS7240-24

Item Numbers

4113-1020	Grey 10W Horn Speaker
4113-1021	Black 10W Horn Speaker