

Fire detection and evacuation solutions that save lives.

## Sound Projector Speaker

#### **Features**

- AS ISO 7240.24 certified (Activfire afp-3748)
- · High degree of speech articulation.
- Reduced installation time.
- No external frequency equalisation required.
- Available in three colours.



These sound projector speakers are certified to the AS ISO7240.24 standard for fire & evacuation announcements in buildings.

Used for fire and evacuation systems where a high degree of speech articulation and program clarity is paramount.

Typical applications include schools, train and bus stations, airports, car parks and plant rooms.

Utilises a twist lock cap mechanism to reduce installation time during cable termination.

#### **Test Method**

This specification data was measured in an anechoic chamber with the microphone 4m from the speaker under test, according to the AS ISO7240.24. Specifications at 1m were calculated from the measurements at 4m in accordance with AS ISO7240.24.

**Reference axis:** Axis is on the centre of the grille surface and perpendicular to the grille surface.

**Reference plane:** Plane is on the grille surface and perpendicular to the reference axis.

Horizontal plane: Plane is containing the reference axis and perpendicular to the reference plane.



| Item Numbers |                           |
|--------------|---------------------------|
| 4113-1040    | Sound Projector 10W Grey  |
| 4113-1041    | Sound Projector 10W Black |
| 4113-1042    | Sound Projector 10W White |

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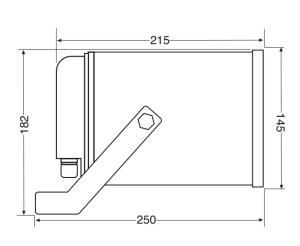


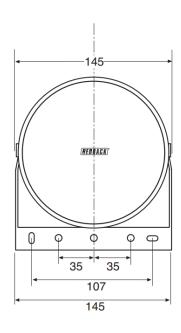
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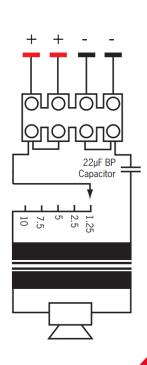
# **Sound Projector Speaker**

| Specifications                     |  |
|------------------------------------|--|
| Rated Noise Power                  | 10 Watts (100V line)   |
| Power Taps & Impedance (100V line) | 1.25W (8k $\Omega$ ), 2.5W (4k $\Omega$ ), 5W (2k $\Omega$ ), 7.5W (1.33k $\Omega$ ), 10W (1k $\Omega$ ) |
| Sensitivity                        | 93dB (1W @ 1m), 81dB (1W @ 4m)   |
| Maximum Sound Pressure Level       | 100dB (10W @ 1m), 88dB (10W @ 4m)  |
| Frequency Response                 | 100Hz - 15kHz, 100Hz - 8kHz ±5dB   |
| Coverage Angle (6dB)               | (-6dB) 500Hz: >180°, 1000Hz: 125°, 2000Hz: 100°, 4000Hz: 65°   |
| Environmental Type                 | B (for outdoor applications as per standard)   |
| Speaker Component                  | Aluminium voice coil former  |
| Mounting Depth                     | 250mm max  |
| Mounting Method                    | Wall bracket with mounting holes   |
| Line Monitoring                    | Yes, 22µF bipolar capacitor  |
| Application Cable                  | 2.5mm2 (14AWG) max conductor area  |
| Connection                         | 4 way screw terminal   |
| Finish                             | Flame retardant ABS (Absolac 300 MFR)  |
| IP Rating                          | IP66   |
| Dimensions                         | 145Ø x 250Dmm  |
| Weight                             | 1.4kg  |
| Quantities                         | 6 per carton, 144 per pallet   |

### **Dimensions (mm)**







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