

Fire detection and evacuation solutions that save lives.

# Surface Mount Speaker - One Shot

## Features

- Flame retardant housing material.
- No external frequency equalisation required.
- Reduced installation time.
- AS ISO 7240.24 certified (Activfire afp-3686)

## Description

The 5W Surface Mount Speaker features flame retardant housing material and PA driver to suit the approval requirements.

The speakers require no external equalization to meet the AS ISO 7240.24:2018 standard.

The One Shot design simply snap-fits in seconds to the surface mounting ring, reducing installation time considerably.

## Test Method

This specification data was measured in an anechoic chamber with the microphone 4m from the speaker under test, according to AS ISO 7240. Specifications at 1 meter were calculated from the measurements at 4 meters in accordance with AS ISO 7240.24.

Reference Axis: Axis is on the center of the grille surface and perpendicular to the grille surface.

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

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



## Specifications

Rated Noise Power	5 Watts (100V line)
Power Taps & Impedance (100V line)	0.33W (30kΩ), 0.66W (15kΩ), 1.25W (8kΩ), 2.5W (4kΩ), 5W (2kΩ)
Sensitivity	91dB (1W @ 1m), 79dB (1W @ 4m)
Maximum Sound Pressure Level	97dB (5W @ 1m), 85dB (5W @ 4m)
Frequency Response	100Hz - 15kHz
Coverage Angle (-6dB)	500Hz: >180°, 1000Hz: 155°, 2000Hz: 120°, 4000Hz: 80°
Environmental Type	A (for indoor applications as per standard)
Speaker Component	100mm (4") paper cone speaker
Mounting Method	Surface Attachment
Line Monitoring	Yes, 22µF bipolar capacitor
Applicable Cable	2.5mm <sup>2</sup> (14AWG) max conductor area
Connection	4 way screw terminal
Finish	White or black flame retardant ABS grille and housing Grille and housing (Taitalac 8540T) Clear Flame retardant ABS spring clips (Makrolon 6557)
IP Rating	IP 21C
Dimensions	280Ø x 80mm
Weight	0.9kg

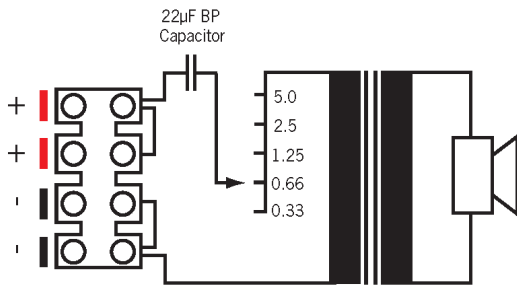
## Item Numbers

4113-1036	Surface Mount 4" Speaker White (CF0705)
4113-1037	Surface Mount 4" Speaker Black (CF0706)

Fire detection and evacuation solutions that save lives.

# 5W Surface Mount Speakers

## Circuit Diagram & Dimensions (mm)



Note: The internal mounting feet leave a small gap between the housing and the ceiling surface. This is intentional to allow the speaker performance to meet the required standard without active equalisation.

