

# Data Sheet



**CF0703** 100mm (4") 100V 5W Surface Mount Speaker White AS ISO7240.24

**CF0704** 100mm (4") 100V 5W Surface Mount Speaker Black AS ISO7240.24

## Description

Fire versions of our popular One-Shot C 0703 speaker. It features flame retardant housing material and PA driver to suit the new approval requirements. One-Shot design simply snap-fits in seconds to the surface mounting ring, reducing installation time considerably. Note: Active equalisation is required for compliance to AS ISO 7240.24 as outlined in Table 1.



## Test Method

This specification data was measured in an anechoic chamber, according to the 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.

## 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	88dB (1W @ 1m), 76dB (1W @ 4m)
Maximum Sound Pressure Level	95dB (5W @ 1m), 83dB (5W @ 4m)
Frequency Response	100Hz - 15kHz
Coverage Angle (-6dB)	1000Hz: 140°, 2000Hz: 105°, 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 (CF0703) flame retardant ABS grille and housing or black (CF0704) grille and housing (Taitalac 8540T) Clear Flame retardant ABS spring clips (Makrolon 6557)
IP Rating	IP 21C
Dimensions	210Ø x 67mm
Weight	0.81kg

**Table 1**

Active Equalisation

1/3rd Octave Band Centre (Hz)	Equalisation (dB)
500	9
630	11
800	9
1000	4

## Circuit Diagram & Dimensions (mm)

