



# 100mm Ceiling Speaker 5W

## Product Overview

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The **100mm Ceiling Speaker (C2170)** is an AS ISO 7240.24-certified 100 Volt Line speaker for Australian emergency warning, voice alarm, and public address systems.

This speaker has a rat-trap mounting system and is easily removed if necessary. At 117 mm high it will fit into most ceiling spaces.

The C2170 has a wide frequency response and high audio quality, suitable for fire evacuation, public address (PA) and background music.

To ensure compatibility with commonly-used fire evacuation systems, the C2170 incorporates a series blocking capacitors and 100 Vrms line transformer.



**100mm Ceiling Speaker, 5W, White  
(C2170)**

## Features

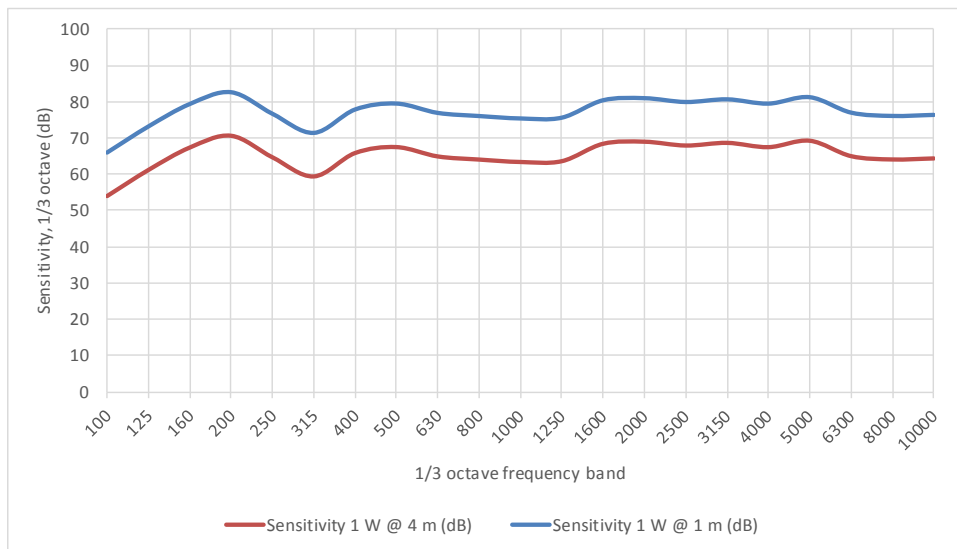
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- » Wide frequency response suitable for public address (PA) and background music
- » High audio quality suitable for emergency warning and voice alarm
- » Selectable power taps
- » Fitted with series blocking capacitor and 100 Vrms line transformer
- » Compatible with EWS line supervision systems
- » High-strength fire-retardant ABS plastic
- » Line In / Line Out termination system
- » Removable “rat-trap” mounting system
- » Independently evaluated and Activfire listed to AS ISO 7240.24:2015, Type A

## Specifications

Rated Power	5 Watts	(100 Volt Line)
Power Taps	0.33 W, 0.66 W, 1.25 W, 2.5 W, 5 W	(100 Volt Line)
Sensitivity	90 dB (1 W @ 1 m), 78 dB (1 W @ 4 m)	
Maximum Sound Pressure Level	97 dB (5 W @ 1 m), 85 dB (5 W @ 4 m)	
Frequency Response	100 Hz - 15 kHz	
Coverage Angle (-6 dB)	500 Hz: > 180°, 1000 Hz: > 180°, 2000 Hz: 163°, 4000 Hz: 77°	
Environmental Type	Type A (for indoor applications)	
Speaker Component	100 mm paper cone speaker	
Mounting Hole	140 mm Ø	
Mounting Method	3 x plastic spring loaded clip	
Line Supervision	Yes, 22 µF bipolar capacitor	
Applicable Cable	2.5 mm <sup>2</sup> (14 AWG) max conductor area	
Connection	4 way screw terminal	
Finish	Flame retardant ABS grille (Taitalace 8540T) Black flame retardant ABS spring clip (Cycloy C2950HF) Red flame retardant ABS transformer dome cover (Starex VH-0800)	
IP Rating	IP21C	
Operating Temperature	-20 °C to 55 °C	
Humidity	< 95 % RH, non-condensing	
Dimensions	159 x 122 mm (Diameter x Depth)	
Weight	700 g	

## Sound Pressure Level



## Ordering Information

Product Code	Description
C2170	100 mm Ceiling Speaker, 5 W, White

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