



# 4-Inch Ceiling Speaker 6W

## Product Overview

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The **4-Inch Ceiling Speaker (L-VCP06D)** is an AS ISO 7240.24-certified 100 Volt line dual-cone speaker for Australian emergency warning, voice alarm, and public address systems.

The wide frequency response and high audio quality makes the L-VCP06D suitable for music and speech reproduction, providing accurate and intelligible broadcast of evacuation and PA messages.

A spring-lever flush-mounting system facilitates typical ceiling-mount applications. An optional surface mount box is available for mounting on solid ceilings or walls. Plastic components are made from fire-retardant ABS plastic.

Push-fit connectors facilitate power tap selection to meet project requirements such as area coverage and ambient noise level. The terminal block provides separate terminals for line in and line out cables.

To ensure compatibility with commonly-used fire evacuation systems, these speakers incorporate series blocking capacitors and 100 Vrms line transformers.



**4-Inch Ceiling Speaker, 6W, White  
(L-VCP06D-W)**

## Features

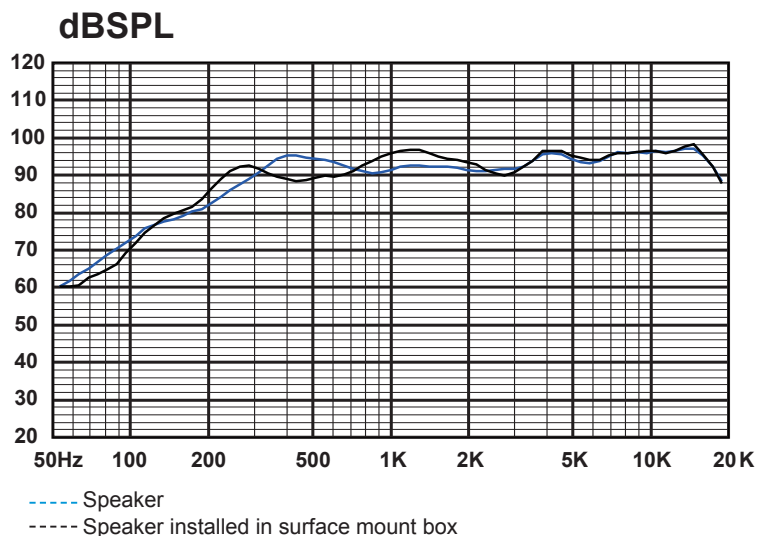
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- » Wide frequency response suitable for public address (PA) and background music
- » Excellent speech reproduction suitable for emergency warning and voice alarm
- » Dual-cone
- » Selectable power taps
- » Fitted with series blocking capacitor and 100 Vrms line transformer
- » Compatible with EWS line supervision systems
- » High-strength fire-retardant ABS plastic
- » Line In / Line Out termination system
- » Spring-Lever mounting system
- » Low profile housing
- » Optional surface mount box for wall-mount or solid-ceiling mounting
- » Independently tested and SAI Global StandardsMark certified to AS ISO 7240.24:2015, Type A

## Specifications

|                           |   |
|---------------------------|---|
| Rated Power               | 6 W (maximum power 9 W), 100 Volt line transformer  |
| Transformer Power Taps    | 0.375W, 0.75W (default), 1.5W, 3W, 6W   |
| Sound Pressure            | 91 dB $\pm$ 2 dB SPL @ 1 W, 1 m, pink noise per AS ISO 7240.24                              |
| Maximum SPL               | ~ 100 dB SPL @ 6 W  |
| Frequency Response        | 200 Hz - 15kHz (speaker installed in surface mount box)                                     |
| Speaker Driver Unit       | 4-inch dual-cone  |
| Operating Temperature     | - 25 °C to + 55 °C  |
| IP Rating                 | Type A (AS7240.24), IP21  |
| Storage Temperature       | - 40 °C to + 70 °C  |
| Humidity                  | < 95 % RH, non-condensing   |
| Recessed Mount Dimensions | 160 mm x 75 mm (Diameter x Depth) (Recess 70 mm)  |
| Surface Mount Dimensions  | 280 mm x 75 mm (Diameter x Depth)   |
| Weight                    | 0.66 kg   |
| Ceiling Cut-Out           | 140 mm (Diameter)   |
| Ceiling Thickness         | 9mm to 25 mm  |
| Colour                    | White RAL9003, Black RAL 9004   |
| Material                  | Housing, Frame, and Surface Mount Box (Flame Retardant ABS)<br>Grille (Powder Coated Steel) |

## Sound Pressure Level



## Ordering Information

| Product Code | Description                       |
|--------------|-----------------------------------|
| L-VCP06D-W   | 4-Inch Ceiling Speaker, 6W, White |
| L-VCP06D-BK  | 4-Inch Ceiling Speaker, 6W, Black |
| L-SMB-W      | Surface Mount Box, White          |
| L-SMB-BK     | Surface Mount Box, Black          |

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