

Ceiling Loudspeaker

L-VCP06D

The L-VCP06D is a compact recessed ceiling loudspeaker designed specifically for the Australian Public Address and Voice Alarm (PA-VA) market.

It's dynamic frequency response and high audio quality makes the L-VCP06D suitable for music and speech reproduction. The L-VCP06D has a broad frequency response range, low harmonic distortion and excellent sustention of high sound pressure level at all tap settings. This allows the loudspeaker to provide accurate and intelligible broadcast of evacuation and PA messages.

The loudspeaker's modern and unobtrusive design makes it easily fit in many applications. It is an ideal loudspeaker for indoor use such as in offices, shopping centers, schools, hospitals, hotels and restaurants.

The L-VCP06D is certified to the latest National Construction Code (NCC) requirements and is compliant to ISO AS 7240.24. It meets the SPL requirements of the NCC for residential applications. This level of sound quality means higher end-user satisfaction and project compliance.

Easy to use power tapping settings and an enclosed terminal block facilitate installation. The custom spring fit system of the L-VCP06D allows for removal without damage to sensitive ceilings, if required. The low profile of the loudspeaker makes it easy to fit, even in challenging and very constricted ceiling areas with little ceiling space.



L-VCP06D - Recessed Ceiling Loudspeaker &
L-SMB - Surface mount mounting box

FEATURES AND BENEFITS

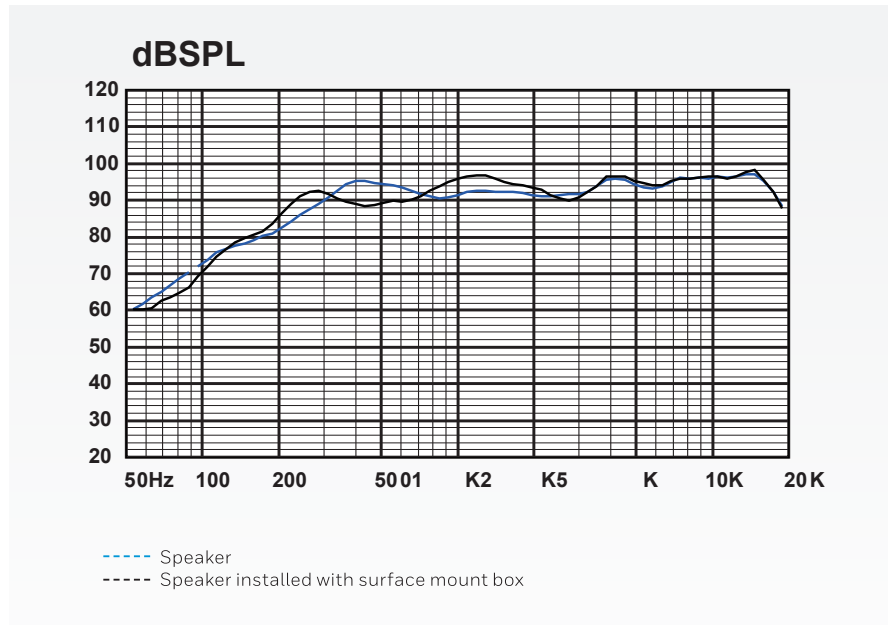
- Complying with AS7240.24, Type A
- Clear and intelligible audio
- High 100dB sound pressure level
- Excellent frequency response
- Easy removal thanks to simple spring fit system
- Flush or surface mounting
- Enclosed terminal block
- Low profile for easy fit in constricted ceiling spaces
- Easy to use power tapping settings
- Stylish and attractive design
- Environment friendly
- Complying with local installation and safety regulations
- Supplied with capacitor for line monitoring

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PRODUCT LINE INFORMATION

SPL / Frequency Graph



SPECIFICATIONS

POWER AND AUDIO SPECIFICATIONS

RATED POWER	6W (maximal power 9W), 100V line transformer
TRANSFORMER POWER TAPS	0.375W, 0.75W (default), 1.5W, 3W, 6W
SENSITIVITY (SPL)	91dB +/- 2dB @1W, 1m
MAXIMUM SPL	~100dB @ 6W
EFFECTIVE FREQUENCY RESPONSE	200Hz - 15kHz
FREQUENCY RESPONSE	200Hz - 15kHz (speaker installed with surface mount box) (+/- 2dB)
SPEAKER DRIVER UNIT	100mm (4")

MECHANICAL SPECIFICATIONS

DIMENSIONS, RECESSED MOUNT	160mmØ x 75mm (Recess 70mm)
DIMENSIONS, SURFACE MOUNT	280mm Ø x 75mm (D)
WEIGHT	0.66kg
CEILING CUT-OUT	140mm Ø
COLOUR	White RAL9003, Black RAL9004
MATERIAL	Housing (ABS), Grille (Powdercoated Steel), Surface mounting box (ABS)

ENVIRONMENTAL SPECIFICATIONS

OPERATING TEMPERATURE	-25 °C to +55 °C
IP RATING	Type A(AS7240.24) / IP21
STORAGE TEMPERATURE	-40 °C to +70 °C
RELATIVE HUMIDITY	<95%

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PRODUCT LINE INFORMATION

Agency Listings and Approvals

These listings and approvals apply to the modules specified in this document. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult system consultant for latest listing status. AS ISO 7240.24 2015

ORDERING

L-VCP06D-W	4" Recessed ceiling loudspeaker in white finish (Power tapings 0.375, 0.75, 1.5, 3, 6W), with white plastic dome and capacitor for general PAVA application.
L-VCP06D-BK	4" Recessed ceiling loudspeaker in black finish (Power tapings 0.375, 0.75, 1.5, 3, 6W), with black plastic dome and capacitor for general PAVA application.
L-SMB-W	Optional surface mount box for L-VCP06D-W in white finish for solid ceiling or wall installation.
L-SMB-BK	Optional surface mount box for L-VCP06D-BK in black finish for solid ceiling or wall installation.

For more information

www.honeywellsecurity.com.au

Honeywell Security and Fire

9 Columbia Way, Norwest Business Park
BAULKHAM HILLS NSW 2153
Tel (Australia): 1300 768 755
Tel (New Zealand): +64 9 623 5050
www.honeywell.com

Honeywell reserves the right, without notification, to make changes in product design or specifications.

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