

L-VCP06D Series

Ceiling Loudspeaker



Full-range 4" ceiling loudspeaker, which features five power taps at 100V line for 6W, 3W, 1.5W, 0.75W and 0.375W outputs. An optional surface mount box is available for solid ceiling or wall installation.

L-VCP06D-W provides a general application ceiling mount speaker in white finish.

L-VCP06D-BK provides a black version of **L-VCP06D-W**

L-SMB-W provides an optional surface mount box for **L-VCP06D-W** in white finish for solid ceiling or wall installation.

L-SMB-BK provides a black version of **L-SMB-W**.

Technical Specifications

Electrical

Max power	9 W
Rated power	6 W
Power tapping	6/3 /1.5 /0.75/0.375(W)
Sound pressure level	79 dB
at 1W/4m,(100Hz~10kHz)	
SPL(1W/1m,100Hz~10kHz)	91 dB
SPL(6W/4m,100Hz~10kHz)	86 dB
frequency response(-10dB)	200Hz~15KHz (speaker)
	200Hz~15KHz
frequency response(-10dB)	(Speaker installed with surface mount box)
Rated input voltage	100 V
Rated impedance	1.7/3.3/6.7/13.3/26.7kΩ
Connection	unique terminal housing

Mechanical

Dimensions	Φ160x76.5mm
Hole cut-out size	Φ140mm
Weight	0.7kg (speaker)
	0.5kg (surface mount box)
Speaker size	4 inch
Color	White RAL 9003 / Black RAL 9004
Grill	Powder coated steel
Surface Mount Box	Φ280x75mm

Environmental

IP Rating	Type A(AS7240.24) / IP21
Operating temperature	-25°C to +55°C
Storage temperature	-40°C to +70°C
Relative humidity	<95%

- * The reference axis is perpendicular to the centre point of the front grille
- * The reference plane is perpendicular to the centre of the reference axis
- * The horizontal plane is perpendicular to the centre of the reference plane
- * The spec/data was measured using a standard baffle mounting in an anechoic chamber as described in EN54-24

* DoP No.: CPR-DoP-2018001

* For more information , please refer to our website www.honeywell.com



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- Clear and intelligible audio performance
- Stylish and unobtrusive design
- Simple power settings
- Compact and high strength fire resistant ABS plastic
- Flush-mounting system for fast and easy installation
- Environment friendly
- Complying with AS7240.24, Type A
- Complying with EN54-24, Type A
- IP21C rated

Installation/Configuration Notes

Mounting

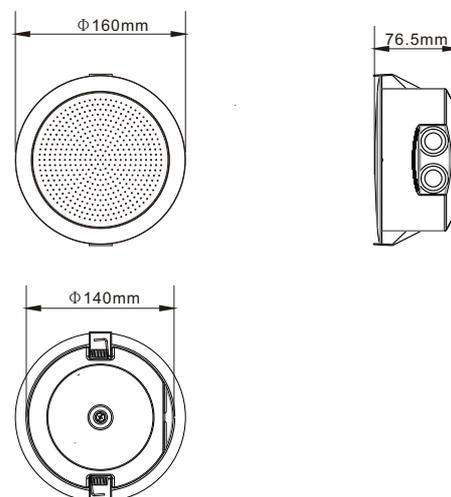
The assembly is quickly installed into the hole on the ceiling or surface mount box secured by two built-in spring ceiling locking clamps (It's suitable for ceilings with a thickness of 9mm to 25mm). The spring locking clamps are provided with protective rubber to protect soft ceiling material.



WARNING: Installation should be performed by competent persons in accordance with the relevant standards as required for the installation. Honeywell Ltd accepts absolutely no liability for the suitability or placement of the speakers within an installation.

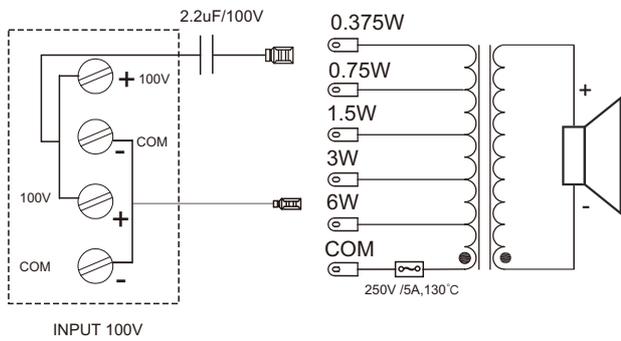
Power setting

The unit has a unique terminal block with screw connections suitable for loop connection. Five primary taps are provided on the matching transformer to allow selection of 6W, 3W, 1.5W, 0.75W, 0.375W.

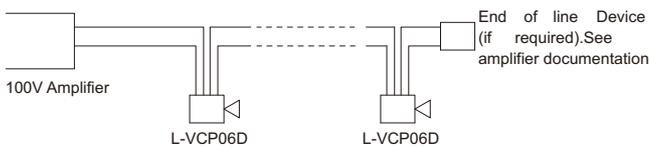


Dimensions in mm

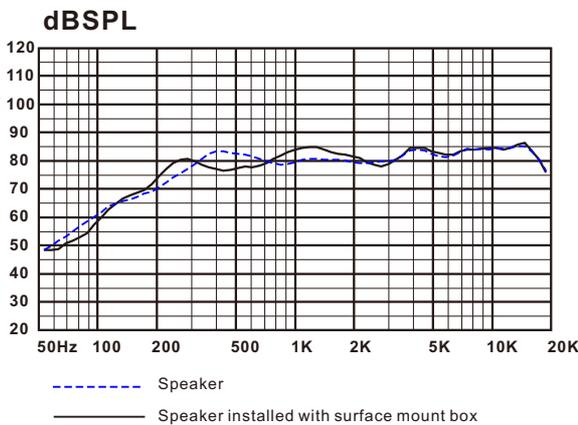
Circuit Diagram



Connections



Frequency Response



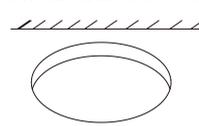
Frequency Response at 1W/4m , 1/3 oct smoothing

Dispersion angles

		Horizontal	Vertical
1/3 oct. pink noise	500 Hz	180°	180°
1/3 oct. pink noise	1kHz	150°	150°
1/3 oct. pink noise	2kHz	180°	180°
1/3 oct. pink noise	4kHz	90°	90°

Installation Instructions

1. Cut out a hole in the ceiling measuring 140 mm diameter, or install with the surface mount box.

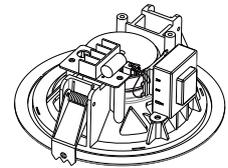
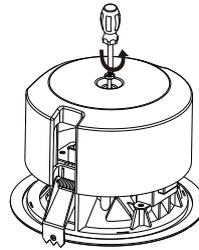


ceiling installation

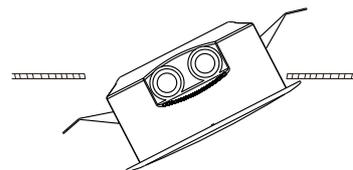
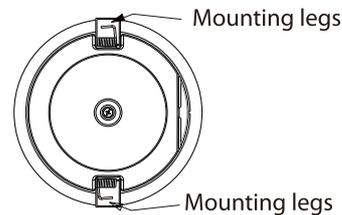


surface installation

2. Remove the backbox, then connect the cable to the unique terminal block and select the output power.



3. Press up the spring and interpose into the hole in the ceiling or surface mount box.



4. Push up the loudspeaker until the upper part of spring well stick into the hole, and then continually push the loudspeaker, spring will automatically restore and compress the loudspeaker into position.

