

## L-VWP06C/EN&582426 Cabinet Loudspeaker



This loudspeaker is a high-performance 6W voice alarm cabinet loudspeaker. It provides a broad frequency response range. Low distortion and high sound pressure level for accurate and intelligible broadcast of evacuation messages and high quality sound reproduction. It's ideal for sound distribution in various types of commercial buildings. Its low-profile white color design blends easily with most interiors in locations such as hotels, conference rooms, cinemas, factories and exhibitions.

### Technical Specifications

#### Electrical

Max power	9W
Rated power	6W
Power tapping	6W/3W/1.5W (100V) 3W/1.5W/0.75W (70V)

Sensitivity (1W/4m, 100Hz~10kHz)	80dB
SPL(1W/1m, 100Hz~10kHz)	92dB
SPL(6W/4m, 100Hz~10kHz)	87.5dB
Frequency response range (-10dB)	150Hz~16KHz

Rated input voltage	100 V / 70 V
Rated impedance	1.67KΩ/3.33KΩ/6.67KΩ
Connection	fire-resistant cable

#### Mechanical

Dimensions	260x200x88mm
Weight	1.48Kg
Color	white (RAL 9010)
Speaker driver	6.5 inch

#### Environmental

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 of cabinet  
 \* 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 column mounting in an anechoic chamber as described in EN54-24



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- Intelligible voice and superior sound reproduction
- Harmonious with all indoor decoration
- Simple power setting /ceramic terminal
- UV protection UL94V0 ABS housing
- Easy installation
- EN54 part 24 certified
- RoHs compliant

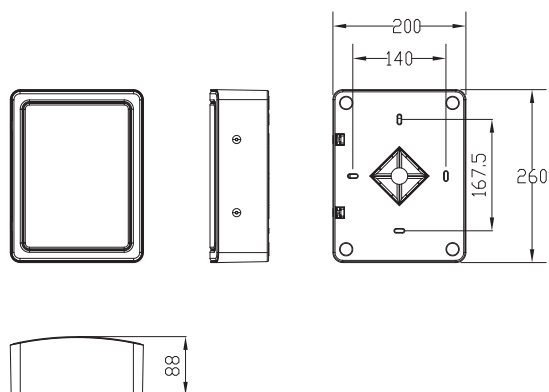
### Installation/Configuration Notes

#### Mounting

The loudspeaker is designed for quick and simple installation. First, mount the back can on the wall or on the junction box using the screw slots. Cable can be entered from the rear or the side.

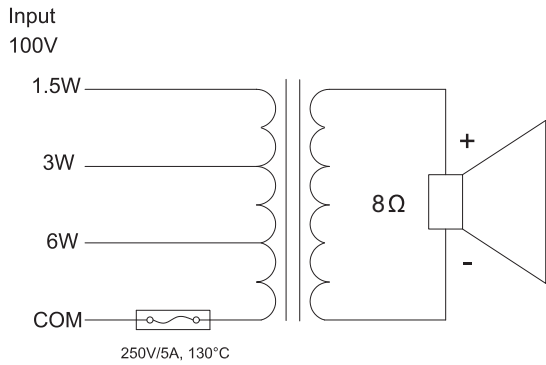
#### Power setting

There are three primary taps including 6W,3W,1.5W for your selection. The cable connector is mounted on the back cover or the side for easy installation.



Unit: mm

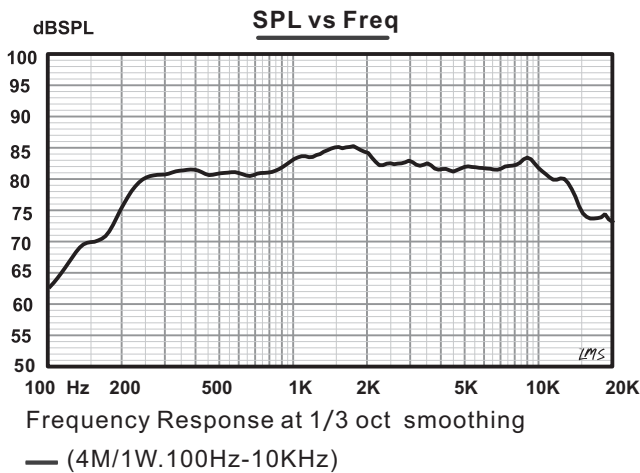
## Circuit Diagram



### With transformer: 100V/70V line

	Tapping			
	100V	70V	IMP(KΩ)	
6W	3W	1.5W	Com	
3W	1.5W	0.75W	Com	
1.67	3.33	6.67		

## Frequency Response

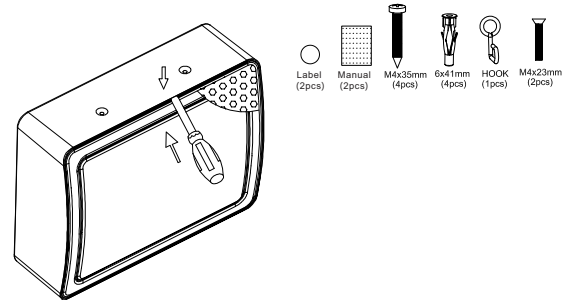


## Dispersion angles

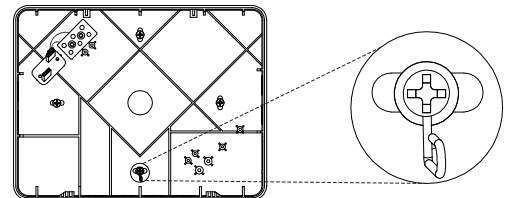
		Horizontal	Vertical
1/3 oct. pink noise	500Hz	180°	180°
1/3 oct. pink noise	1k Hz	180°	180°
1/3 oct. pink noise	2k Hz	115°	119°
1/3 oct. pink noise	4k Hz	91°	82°

## Installation Instructions

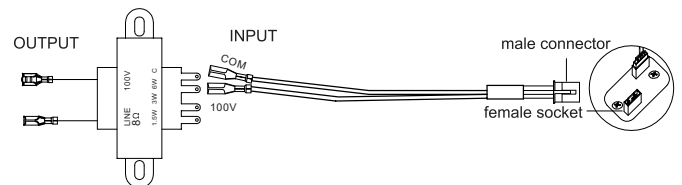
1. Unpack and take out the cabinet speaker.  
Separate the front cover from back box.



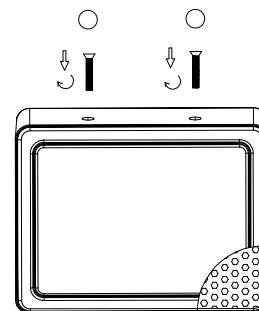
2. Fix the back box on the mounting place (install the screws and dowels as shown below).  
horizontal/vertical mounting or ceiling mounting.



3. Select appropriate power terminals and connect with cables.  
Insert male plug of cable into PCB female socket.



4. Combine the front cover with grille & the back box.  
Steps: match pins with slots and insert front cover slantingly.  
Fix the both parts with two screws.



**Honeywell**

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Life Safety A/V (Guangzhou) Co. Limited

Service Contact: hav.international@honeywell.com

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USA: Honeywell International Inc./ 12 Clintonville Road, Northford CT 06472  
Europe: Novar GmbH a Honeywell Company / Dieselstrasse 2,41469 Neuss, Germany  
Austria: Honeywell Life Safety Austria GmbH/Lembockgasse 49,1230 Vienna, Austria  
UK: Novar Systems Ltd / Waterside Road, LEICESTER, Leicestershire LE5 1TN, United Kingdom