

L-VJP15A/EN-W

L-VJP15A/EN-BK

Projection Loudspeaker



L-VJP15A/EN is a high performance 15 W voice alarm projection loudspeaker. Its broad frequency range, low distortion, and high sound pressure level ensure the delivery of intelligible voice and high quality sound. With its wide operating range of temperature and humidity, it is suitable for use in extreme outdoor applications. The stylish low profile and light white color design allow it to blend easily with the interior of most applications such as train stations, harbors, factories, campuses, and stadiums.

Technical Specifications

Electrical

Max power	25 W
Rated power	15W
Power tapping	15W / 7.5W / 3.75W / 1.9W / 0.95W
Sensitivity (1W/4m)	77dB
SPL(1W/1m) (100Hz~10Khz)	89dB
SPL(15W/4m)	89dB
Frequency response range	160Hz~15Khz
Rated input voltage	100 V / 70 V
Rated impedance	0.67 KΩ / 1.33 KΩ / 2.67 KΩ / 5.26 KΩ / 10.5KΩ
Connection	fire-resistant cable

Mechanical

Dimensions	Ø137x218mm
Weight	1.6Kg
Color	White(RAL 9003)/Black(RAL9004)
Speaker size	5" unit

Material

Grill, U bracket	Aluminum Powder Coated
Bolts	Stainless Steel
Housing	UL94-5VB ABS

Environmental

IP Rating	Certified TypeB (AS7240.24)/IP33C Complies with IP65
Operating temperature	-25°C to +55°C
Storage temperature	-40°C to +70°C
Relative humidity	Up to 95%



1008
19

1008-CPR-MC 69262289 0001

- Intelligible voice and superior sound reproduction
- Low profile design blends easily into any outdoor applications
- Ergonomic and stylish design
- UL94-5VB ABS housing
- EN54 part 24 certified
- AS7240.24 certified

Installation/Configuration Notes

Mounting

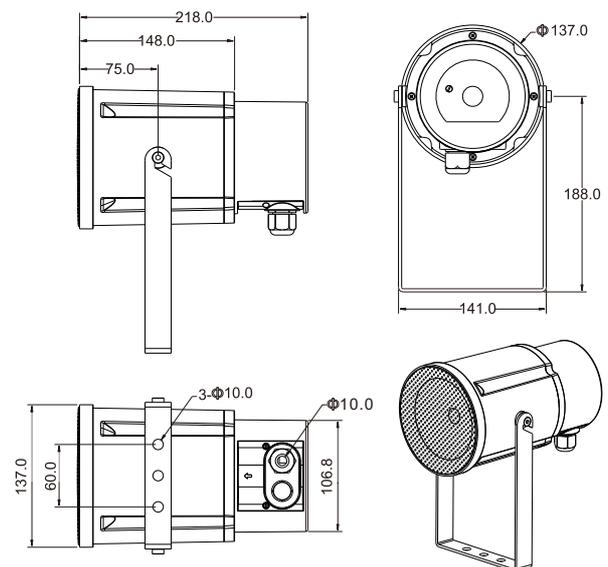
The product can be easily mounted on the wall or column with the U-type bracket provided. The projection angle can be adjusted to maximize the coverage at the intended direction. Secure wires to the clamping screws located on the rear junction box.



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

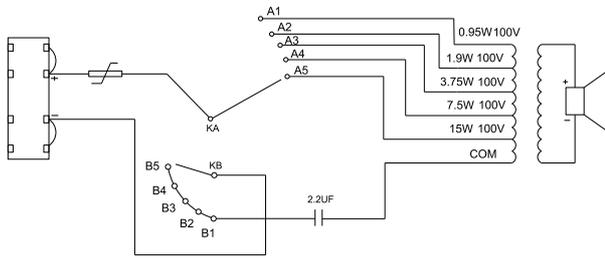
There are five primary taps: 15W, 7.5W, 3.75W, 1.9W, 0.95W. Set the rotary switch to the intended power input after wiring.



Unit: mm

- * The reference axis is perpendicular to the centre point of the front of speaker
- * 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
- * DoP No.:CPR-DoP-2019003

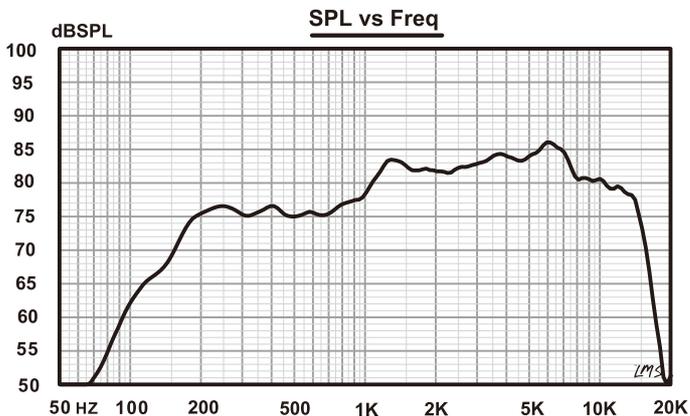
Circuit Diagram



With transformer 100V 70V line

	Tapping					
100V	15W	7.5W	3.75W	1.9W	0.95W	Com
70V	7.5W	3.75W	1.9W	0.95W	0.48W	Com
IMP	0.67K	1.33K	2.67K	5.26K	10.5K	

Frequency Response

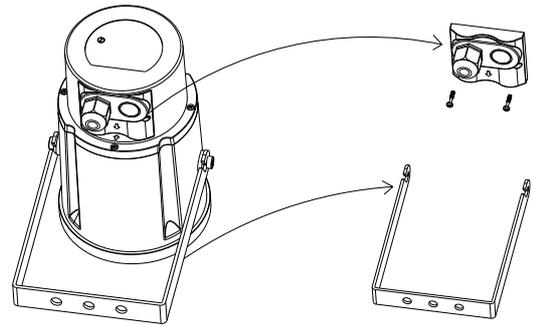


Dispersion angles

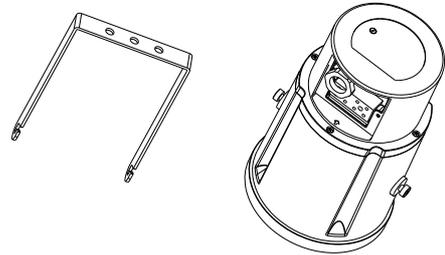
		Horizontal	Vertical
1/3 oct. pink noise	500Hz	170 °	160 °
1/3 oct. pink noise	1k Hz	150 °	210 °
1/3 oct. pink noise	2k Hz	130 °	100 °
1/3 oct. pink noise	4k Hz	70 °	60 °

Installation Instructions

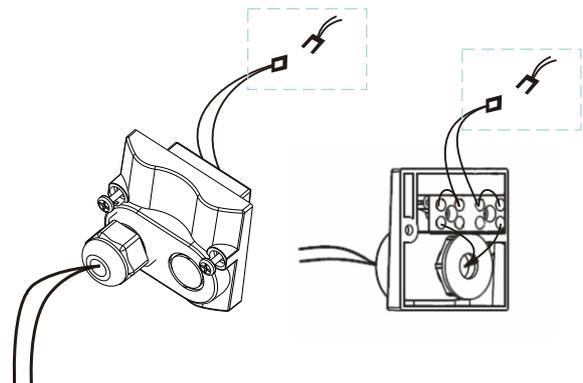
1. Loosen the two screws on the junction box. Remove screw bracket using a hexagonal screwdriver.



2. Mount the bracket into the right position. Connect the loudspeaker to the mounted bracket. Select the intended power tap by adjusting the frequency band.



3. Connect the electric cable to the ceramic terminal block. Connect the male connector from the screw bracket to the female connector from the junction box.



4. Secure screw bracket on the junction box. Adjust angle of the loudspeaker.