Honeywell

582479 (L-VHP15A/EN)
15 W Horn Loudspeaker EN 54

- ✓ **Intelligible voice and superior sound reproduction**
- ✓ **High-strength UV resistive UL94V0 ABS housing**
- ✓ **Direct cable connection without junction box**
- ✓ **Compliant with IP 66**
- ✓ **EN 54-24 certified**



General

The high-performance 15W voice alarm horn loudspeaker 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 can be used in outdoor, dry or wet applications, providing reliable operation over wide temperature and humidity ranges. Its low-profile, light grey color design allows it to blend easily into locations such as train station, harbors, factories, campuses and stadiums. This horn loudspeaker complies with BS58 59 part 8 and EN54 part 24.

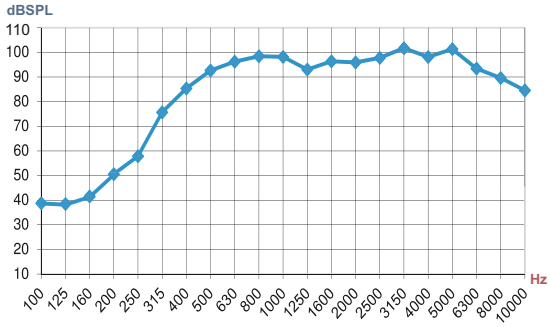
Mounting

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. Without additional junction box, cable can be directly connected to the loudspeaker.

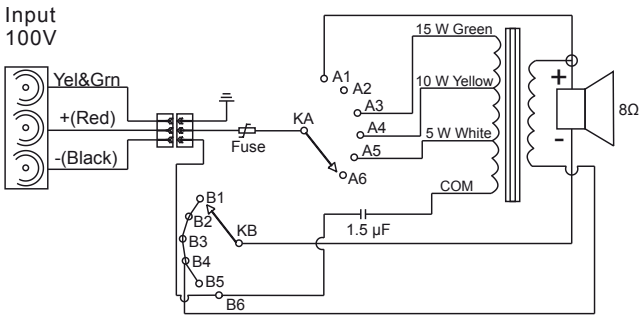
Power setting

The loudspeaker is equipped with a rotary switch for easy power tapping of 15 W, 10 W and 5 W.

Frequency response at 100 V / 4 m / 1 W, 1/3 oct. smoothing

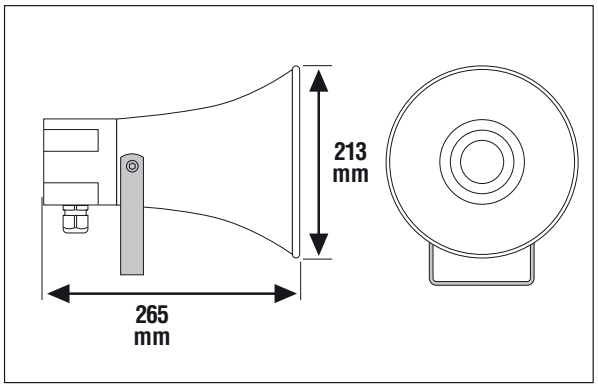


Frequency response Active eqalizer applied

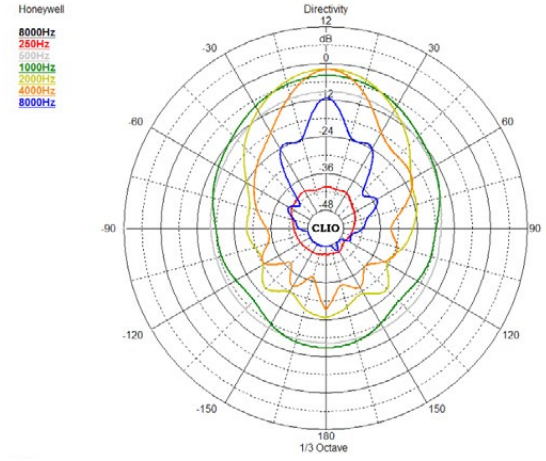


Circuit diagram

IP 66 **EN 54-24**



Dimensions



Polar diagram

Specifications

Rated Power	15 W
Transformer power taps	15 / 10 / 5 W
Rated impedance	0.667 / 1 / 2 kΩ
Sensitivity EN 54-24, 1 W / 1 m	105 dB
Sensitivity EN 54-24, max 1 m	117 dB
Transmission range	300 ... 16000 Hz
Dispersion angle	124° (H) / 143° (V) @ 1 kHz
Ambient temperature	-25 °C ... 55 °C
Storage temperature	-40 °C ... 70 °C
Type of protection	IP 66
Material	ABS
Color light	grey, similar to RAL 7035
Weight	approx. 2.05 kg
Declaration of Performance	CPR-DoP-2014005

Order information	**Part No.**
15 W Horn Loudspeaker EN 54 (L-VHP15A/EN)	582479

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