

L-PCP06C Ceiling Loudspeaker



L-PCP06C is a cost-competitive ceiling loudspeaker that delivers high intelligibility sound in an aesthetic appealing enclosure. Featuring a higher sound pressure level and a wider frequency response range, the full range speaker ensures an excellent audio performance within the frequency response range. It is intended for use in environments such as warehouses, schools, office buildings, hotels and canteens.

L-PCP06C has a built-in 6W dual-cone speaker and a 100 V matching transformer mounted on the back guarantee an excellent audio and music reproduction. Its sturdy mechanical design protects the product from vibration and force distortion. Clamp on the back box is for flush installation. Screw terminals or push-in style terminals attached on the speaker provide ease of cable connection. The low profile yet modern design finished in neutral white color is suitable for any kinds of indoor applications. The loudspeaker is CE and RoHS compliant.

Technical Specifications

Electrical

Max power	9 W
Rated power	6 W
Power tapping	1.5 W / 3 W / 6 W
Sound pressure level at 6 W/1 W (1m, 100Hz ~ 15k Hz)	99 dB / 93 dB
Effective frequency response range (-10dB)	80 Hz ~ 16k Hz
Dispersion angle (1k Hz / -6 dB)	150
Rated input voltage	100 V / 70 V
Rated impedance	6.7kΩ / 3.3kΩ / 1.7kΩ
Connection	Plastic terminal blocks

Mechanical

Dimensions	Ø188 mm x 75 mm
Hole cut-out size	Ø170 mm
Weight	0.77 kg
Color	White (RAL9003)
Speaker size	139 mm (5.5 inch)

Environmental

Operating temperature	-25°C to +55°C
Storage temperature	-40°C to +70°C
Relative humidity	<95%

- Extraordinary audio and music reproduction
- Higher sensitivity
- Easy installation and cost effective
- Simple power operation
- Excellent anti-crush performance
- High strength fire resistant ABS plastic
- Complies with IP54 standard
- Complies CE and RoHS standard

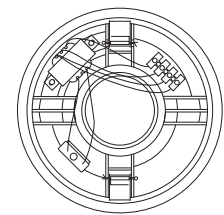
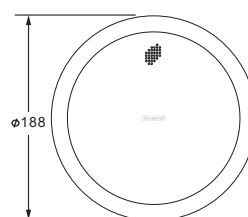
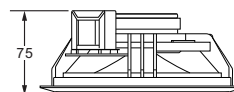
Installation/Configuration Notes

Mounting

The assembly is quickly installed into the hole on the ceiling, secured by two built-in spring ceiling locking clamps to fix (It's suitable for the ceilings whose thickness is from 9mm to 25mm). Besides, the spring locking clamps are provided with protective rubber to protect soft ceiling material.

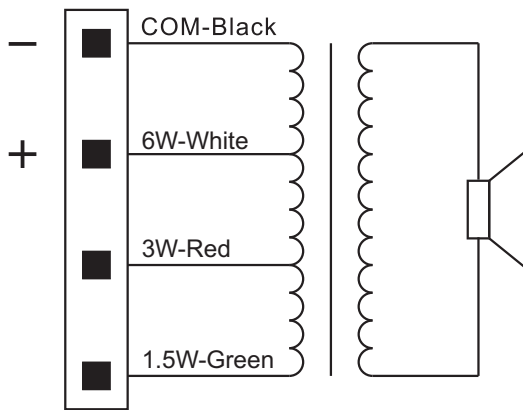
Power setting

The unit has a threaded three-line plastic terminal blocks with screw connections suitable for loop connection. Two primary taps are provided on the matching transformer to allow selection of full-power, half-power and quarter-power.

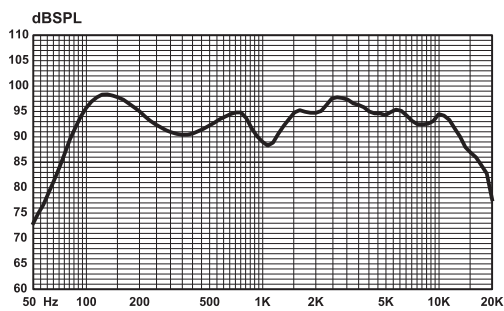


Dimensions in mm

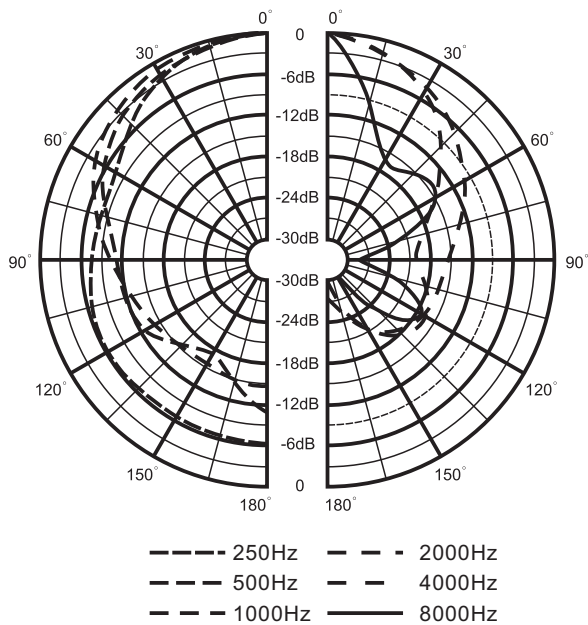
Circuit Diagram



Frequency Response

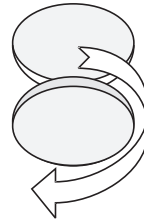


Polar Diagram

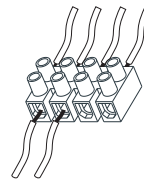


Installation Instructions

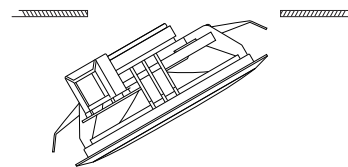
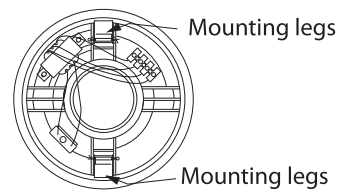
1. Open a 170mm mounting hole on the ceiling.



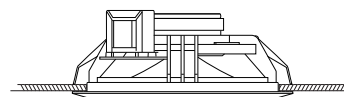
2. Connect the cable to the plastic terminal blocks.



3. Stretch the mounting folder behind the loudspeaker.



4. Put the loudspeaker into the mounting hole carefully.



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Data subject to change without notice