

# L-PCP06B

## 5.5" ABS CEILING LOUDSPEAKER

- 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
- CE and RoHS complied



### PRODUCT DESCRIPTION

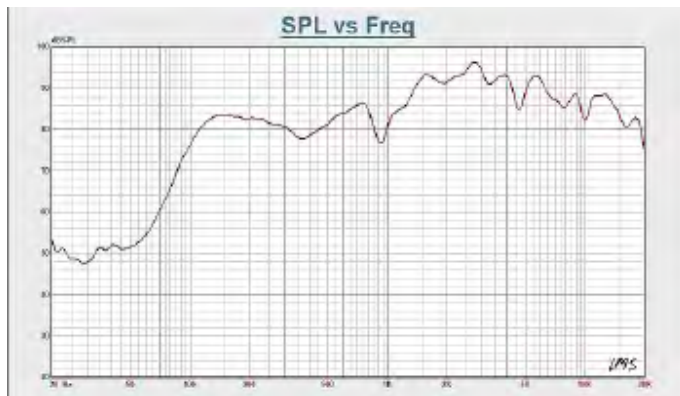
L-PCP06B is a cost-competitive ceiling loudspeaker that delivers high intelligibility sound in an aesthetic appealing enclosure. Featuring a higher sound pressure level and wider frequency response range, the full range speaker ensures an excellent audio performance within the frequency response range. It is intended for use in environments such as warehouses, schools, office buildings, hotels and canteens. The 6W dual-cone speaker and the 100V 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 complied.

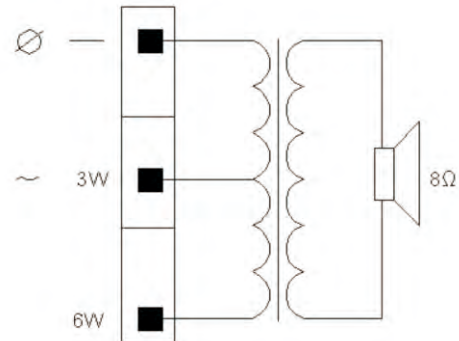
#### Technical Specification

Max power	9 W	Rated input voltage	100 V / 70 V
Rated power	6 W	Connector	Plastic terminal blocks
Power taps @ 100V	6 W / 3 W	Dimensions ( $\Phi$ × H )	$\Phi$ 188 mm × 75 mm
Power taps @ 70V	3 W / 1.5 W	Hole cut-out size	$\Phi$ 170 mm
SPL ( at 6W / 1W 100Hz-15kHz z, 1m )	97 dB / 91 dB	Diameter of speaker	5.5"
Frequency response(-10dB)	70 Hz - 18k Hz	Weight	0.77 kg
Dispersion angle ( 1k Hz / -6 dB )	150 °	Color	White ( RAL9003 )
Rated impedance	1.7k $\Omega$ / 3.3k $\Omega$	Weight of magnet	152 g

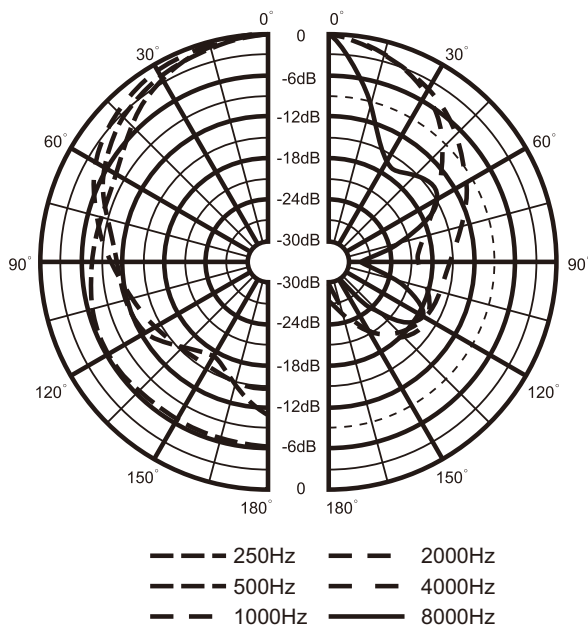
## Frequency Response:



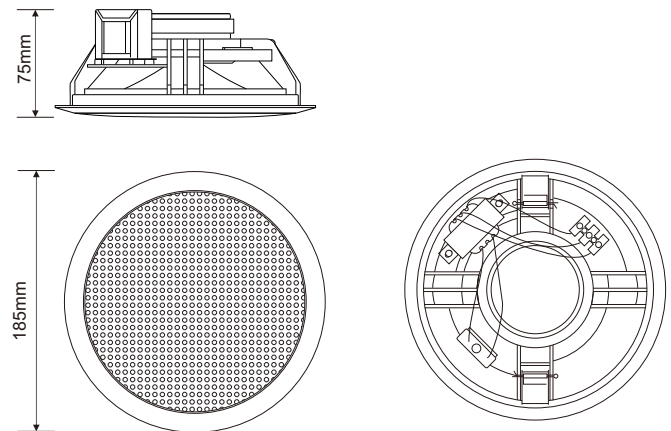
## Circuit Diagram:



## Polar Diagram



## Three View Diagram



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