



The PD 512 12W Pendant Loudspeaker is a sphere shaped loudspeaker designed to be mounted directly from the ceiling via its connecting 100V line input cable. The loudspeaker is suitable to be used in high ceiling areas where a false ceiling is not available and mounting ceiling loudspeaker are prohibitive.

The unit is available in 2 colors of either White (PD 512W) or Black (PD 512B), to easily suit architectural requirements. Each model comes with a built in 100V/70V line matching transformer with 12W and 6W power tapings.

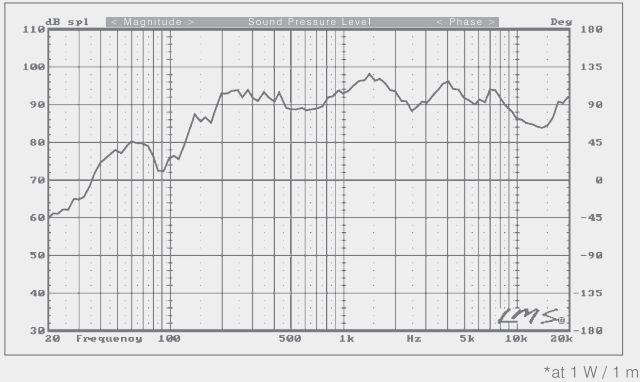
- 120 mm dual cone full range loudspeaker driver unit, providing clear undistorted sound quality.
- Simple installation and mounting method suitable for high ceiling areas without false ceiling.
- Built-in audio line matching transformer with multiple impedance choice of 0.83 k Ω and 1.7 k Ω , suitable for both 70 V and 100 V line distributed speaker system.
- Aesthetically designed and injection moulded in white (PD 512W) / black (PD 512B) ABS resin enables the enclosure to blend into most surroundings.

**PD 512W****PD 512B**

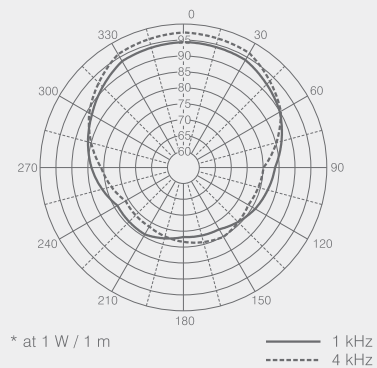
Technical Specifications

	PD 512W	PD 512B
Rated Input	100 V : 12 W (12 – 6 W) 70 V : 6 W (6 – 3 W)	100 V : 12 W (12 – 6 W) 70 V : 6 W (6 – 3 W)
Maximum Power	18 W	18 W
Rated Impedance	0.83 kΩ (0.83 - 1.7 kΩ)	0.83 kΩ (0.83 - 1.7 kΩ)
Sensitivity (1 W / rated at 1m)	90 / 101 dB	90 / 101 dB
Coverage Angle (1 kHz, -6 dB)	220 deg.	220 deg.
Frequency Response	130 Hz ~ 16 kHz	130 Hz ~ 16 kHz
Speaker Component	120 mm Dynamic Full Range Loudspeaker	120 mm Dynamic Full Range Loudspeaker
Safety	Acc. to EN 60065	Acc. to EN 60065
Material & Finish	ABS; White	ABS; Black
Dimensions	Dia 180 x 600 mm	Dia 180 x 600 mm
Weight	1.80 kg	1.80 kg

Frequency Response



SPL Polar Plot



Engineers' Specifications

The Pendant Speaker unit shall be fitted with a 120 mm dual cone full range loudspeaker driver and capable of handling up to a maximum power of 18 W rated at 100 V line input. It shall be able to produce a minimum SPL of 90dB at 1 W / m, 1 kHz and a useable frequency range of 130 Hz ~ 16 kHz with a coverage angle of 180 deg. An integrated line matching transformer shall be provided with multiple tapings of 12 and 6 W rated at 100 V line. The weight of the unit shall not exceed 1.80 kg and its dimensions shall be Dia 180 x 600 mm.

