

PL308F

Dual 8" Three way Weatherproof Line Array Speaker

DESCRIPTION

Poseidon series speakers are specially designed for outdoor performances, including waterproof multi-function speakers and waterproof line array speakers. Poseidon series is made of waterproof materials newly developed by the company. All speakers are designed according to IP55 international dust and water proof grade standards. Poseidon series speakers make outdoor performances no longer depend on the weather.

Poseidon series waterproof linear array speaker is a linear array speaker designed according to IP55 international waterproof grade standard. It is mainly used for outdoor mobile performance and can meet the professional sound reinforcement needs of unexpected rainy weather and humid environment with high water density. After the assembled PL308F and PL115DF were connected to the level signal, no abnormality was found through the continuous flushing and splashing test for 500 hours. The performance was stable and the sound quality was very good.

The adjustable angle of PL308F loudspeaker is 1-10 °. The loudspeaker has the advantages of small volume, high sound pressure and light weight. Only 2 engineers are required to build the system easily. Therefore, we only need to select an appropriate number of PL308F and PL115DF to form a sound reinforcement system with wide directivity, long projection distance, large sound pressure and good listening sensation.[]

The PL waterproof line array system is composed of the PL308F dual 8" full-frequency waterproof speaker and the PL115DF 15" subwoofer. PL308F speakers can be grouped into 8 or 16 units in a flying line array when needed, and the PL115DF can be grouped into 4 or 8 units to form a bass sound field. The line array system is compact and lightweight with simple installation and connection, it is specially designed for outdoor touring performances.

PL waterproof line array speaker is designed based on the IP55 international waterproof rating standard, primarily used for outdoor mobile performance that meets the professional sound reinforcement needs of unexpected rainfall weather and humid environment with high moisture density.

All components of PL308F are designed following the IP55



TECHNICAL SPECIFICATIONS

Acoustical specifications	Frequency Response(-3db):	LF: 55Hz-600Hz; MF/HF: 400Hz-18kHz
	Max SPL @ 1m:	LF: 119dB/125dB(PEAK); MF/HF: 124dB/130dB(PEAK)
	Dispersion (H x V):	125° x 0 - 10°
Transducers	Compression driver:	1 x 3" HF
	Woofer:	2 x 8" LF
Input/Output section	Input Connectors:	2 x NL4
	Sensitivity (1W @ 1m):	LF: 97dB; MF/HF: 106dB
Processor section	Crossover frequencies:	400Hz
Power section	Total Power:	LF: 160W; MF/HF: 70W;(RMS); LF: 320W; MF/HF: 140W;(MUSIC); LF: 640W; MF/HF: 280W;(PEAK);
	Nominal Impedance (Ohm):	LF:8 Ω; MHF:8 Ω
Physical specifications	Cabinet/Case Material:	15mm Imported birch plywood
	Handles:	2 x Iron handles
	Grille:	Weather resistant polyurethane finish, black powder coating for grille
	Color:	Black
Size	Dimension (W x D x H):	648 x 260 x 415mm / (25.5 x 10.2 x 16.3in)
	Package Dimensions (W x D x H):	550 x 415 x 790mm / (21.7 x 16.3 x 31.1in)
Weight	Net Weight:	26 kg / 57.3 lb
	Gross Weight:	30 kg / 66.1 lb