

THA12W

12" Three Way Full Range Speaker

DESCRIPTION

The THA series is a line array product in the theater fixed installation series. According to the architectural characteristics of large and medium-sized theaters, this series is designed with combinable directivity characteristics and a linear array product that meets the characteristics of theater sound reinforcement. The theater speaker adopts the company's new advanced "gradient waveguide" technology, which not only has a smooth frequency response, but also provides low distortion, high definition, high penetrating sound, and can provide even distribution in the expected coverage area. Its off-axis frequency response characteristics provide high-quality sound for restoring music and language in various use occasions, and at the same time provide a large enough sound pressure level for the place. Theater speakers use waveguide drivers on high and low outputs on different output levels to obtain ideal uniform coverage control; different directivity and combinable angle design modes can provide more accurate coverage control, which is easy to combine into Arrays are used to improve the radiation efficiency of medium and high frequencies. Combined with precise frequency division network calculation, theater speakers use filters with small overlap between adjacent frequency bands to accurately adjust frequency response characteristics, reduce off-axis lobes, and optimize sound quality.



FEATURES

- ◇ High sound pressure, high sensitivity three-way full-range speaker system
- ◇ According to the needs of sound reinforcement in different places, the directivity of THA12W can meet the sound reinforcement of medium and short distances;
- ◇ Coaxial mid-high frequency unit composed of 2" mid-frequency unit and 1.2" tweeter, and 12" low frequency unit
- ◇ Computer optimized analog design to obtain good frequency response and phase characteristics and excellent music listening
- ◇ There is a unified box size specification, which makes the combination of speakers extremely convenient
- ◇ Suitable for sound reinforcement in theaters, TV studios, multi-function halls, performance halls and other places

TECHNICAL SPECIFICATIONS

Acoustical specifications	Frequency Response(-3db):	55Hz-20kHz
	Max SPL @ 1m:	131dB/137dB(PEAK)
	Dispersion (H x V):	70° x 40°
Transducers	Compression driver:	1 x 1.2" HF
	Midrange:	1 x 2" MF
	Woofer:	1 x 12" LF
Input/Output section	Input Connectors:	2 x NL8
	Sensitivity (1W @ 1m):	105dB
Power section	Total Power:	400W(RMS); 800W(MUSIC); 1600W(PEAK);
	Nominal Impedance (Ohm):	8Ω
Physical specifications	Cabinet/Case Material:	Plywood
	Handles:	2 x Wooden handles
	Grille:	Cabinet coated by Polyurethane paint; grille is powder coated [inside is black cotton
Size	Dimension (W x D x H):	400 x 560 x 670mm / (15.7 x 22 x 26.4in)
	Package Dimensions (W x D x H):	675 x 515 x 795mm / (26.6 x 20.3 x 31.3in)
Weight	Net Weight:	30.3 kg / 66.8 lb
	Gross Weight:	37 kg / 81.6 lb