

# CS4418A

5 transducers 4-Way Full Range Cinema Speaker

## DESCRIPTION

β3 professional cinema speaker series is mainly suitable for all kinds of luxurious theater scale digital stereo system, also applies to theatres, conference rooms, multi-function hall stage amplification systems. Computer design using the latest speaker simulation technology, combined with the latest speaker used materials, processing technology and development, manufacture a series of speakers products. This series of products through unit optimization and computer aided design of materials, to show the high performance-to-price ratio and good reliability guarantee product outstanding amplification performance at the same time.

On the timbre, theater series products combined with the experience of many practical applications, its unique sound radiation characteristics of audience for movies provide the clearest audio-visual positioning and more beautifully with sound quality. unit adopts special magnetic circuit structure, improve the symmetry of magnetic circuit;

Accurate design of intermediate frequency horn, improve the efficiency of the unit also sound, reduce the distortion of the system. Through the adoption of a new generation of highly efficient protection circuit, this series of products can be used to adapt to the relatively poor environment, prolong the service life of the product.

Professional theater series products, through mutual combination, can be applied to different scale of the cinema place, through the installation of the professional structure, can be quickly installed correctly, guarantee the sound performance of the system. High unit adopts high temperature heat treatment of pure titanium diaphragm, copper clad aluminum round wire voice coil compression chamber and the design of linear phase. The speaker unit adopts high magnetic energy optimization. Resulting in low distortion and good ventilation cooling magnetic circuit system. Bass and midrange unit used for special damping coating fabric nonlinear thickness of long fiber paper, on the edge of basin and high-power sandwich voice coil. Alto unit of paper use special glue processing, less distortion, solve two frequency speaker is bad handling of intermediate frequency sound effects.

Low frequency and high frequency separation in cabinet design, put





TECHNICAL SPECIFICATIONS

Acoustical specifications	Frequency Response(-3db):	LF: 40Hz-350Hz; MF/HF: 90Hz-17KHz
	Max SPL @ 1m:	LF: 131dB/137dB(PEAK); MF/HF: 130dB/136dB(PEAK)
	Dispersion (H x V):	90° x 60°
Transducers	Compression driver:	1 x T100/44mm HF
	Midrange:	1 x 12" MF
	Woofer:	2 x 18" LF
Input/Output section	Input Connectors:	Spring clip
	Sensitivity (1W @ 1m):	LF: 101dB; MF/HF: 105dB
Processor section	Crossover frequencies:	LF: 150Hz; MF/HF: 610Hz & 6.4kHz
Power section		LF:1000W MF/HF:400W(RMS); LF:2000W MF/HF:800W(MUSIC);
	Total Power:	LF:4000W MF/HF:1600W(PEAK);
	Nominal Impedance (Ohm):	4Ω
Physical specifications	Color:	Black
Size	Dimension (W x D x H):	LF: 820 x 630 x 930mm; MF/HF: 820 x 628 x 1030mm
	Package Dimensions (W x D x H):	LF: 930 x 740 x 1050mm; MF/HF: 1158 x 955 x 782mm
Weight	Net Weight:	126 kg / 277.8 lb
	Gross Weight:	136 kg / 299.8 lb