

The Forsythe Series: KF550

"One Box" Horn Loaded Full Range System



The EAW Forsythe Series KF-550 is a high definition, three-way, sound reinforcement loudspeaker system. It's "One Box" design permits ease of transport and also insures optimum driver alignment and integration for a maximally flat frequency and phase response. Its size and packaging vs. sonic output and fidelity make the KF-550 the most usable, modular building block for large touring sound applications on the market today.



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Low Frequency Section

The three horns integral to the KF-550 were developed by Kenton Forsythe and conform precisely to the mathematical models by using a proprietary, polyurethane foam, reinforced hardwood construction technique. This results in exceptionally smooth air loaded impedance characteristics for a smooth frequency response and efficiency unmatched by other. high fidelity systems.

Specifications: KF-550

Frequency Response	Single unit	Quad Array	High Frequency -	
-10 dB:	42 to 18k Hz	35 to 18k Hz	Driver:	(1) Two inch exit Compression Driver
+3 dB:	55 to 14k Hz	45 to 14k Hz		JBL 2445 (user supplied) or TAD 4001 (user supplied)
Sensitivity:	109 dB SPL 1w @ 1m			100w Pink Noise
Coverage Angle			Power Handling:	Forsythe designed, Constant Horizontal coverage horn
Horizontal:	80 degrees -6dB		Horn Type:	16 ohms
Vertical:	40 degrees -6 dB			
Maximum SPL:	131 dB with 6 dB headroom		Nominal Impedance:	
Crossover Data				
LF Band Limit:	35 Hz 18dB /octave		General	
LF/MF:	250 Hz 18dB/ octave		Finish:	Catalyzed Black Polyurethane
MF/HF,	1,500 Hz 18dB/ octave		Construction:	Cross-Grain Laminated Birch Hardwood with Polyurathane Reinforcing
Low Frequency -			Connectors:	Cannon EP-8-14 Male and Female plus Banana Plug Test Points
Driver:	(2) RCF LAB L15/554 380mm (15 in)		Flying Hardware:	One EAW Flying Strip per Side Enables Eight Different Angles with Two Straps
Power Handling			Hardware:	Six Heavy Duty Recessed Handles
100 Hour Sine Wave:	400w		Transport:	Optional Transport Cover Slant Back Provided for Optional Castors
100 Hour IEC Noise:	800w		Dimensions:	Simple Tilt and Roll Transport
AES Standard:	1000w		Weight:	825mm H x 1365mm W x 756mm D
Horn Type:	Forsythe designed dual driver, bent horn			32.5" H x 53 3/4" W x 29 3/4" D
Nominal Impedance:	4 ohms			Net: 210 - 325 lbs
Mid Frequency -				Shipping: 220 - 340 lbs (depending on configuration)
Driver:	(1) RCF LAB L12 P11W 300mm (12 in)			
Power Handling				
100 Hour Sine Wave:	150w			
100 Hour IEC Noise:	300w			
AES Standard:	375w			
Horn Type:	Forsythe designed constant horizontal coverage, mid bass horn with integral displacement plug			
Nominal Impedance:	8 ohms			

Specifications subject to change without notice.