



TECHNICAL SPECIFICATIONS KF650e

DESCRIPTION

A 3-way full range system in a vented trapezoidal enclosure. Includes a 15-in woofer in a wave guide cavity with ARC™ device, a horn-loaded 10-in midrange cone and a 2-in exit compression driver mounted coaxially in the wave guide cavity on a 60 x 45 constant directivity horn. Powering mode is switchable: biamplified (passive MF/HF crossover) or triamplified.

APPLICATIONS

The KF650e Virtual Array system's true 3-way design dramatically improves the quality of vocal reproduction while its cone-driven midrange horn and horn loaded woofer extend pattern control into the lower octaves. Universal suspension hardware (flytrack with integral 3/8"-16 mounting point) supports permanent or portable applications. Six year warranty.

Applications include:

Band PA	Ballroom Events
Corporate Events	Convention Centers
Large HOW's	Live Music Club

DESCRIPTIVE DATA

Part Number	999017
Product Group	S
LF Subsystem & Loading	1x 15-in in a Wave Guide Cavity with ARC™
MF Subsystem & Loading	1x 10-in Horn-Loaded Cone
HF Subsystem & Loading	1x 2-in Exit Compression Driver on Constant Directivity Horn
System Configuration	3-way, Full Range
Powering Configuration(s)	Switchable: Biamplified (passive MF/HF crossover) or Triamplified
Controls (switches, knobs)	Powering Mode Switch
Recommended High-Pass Frequency (24 dB/Octave)	45Hz
Cabinet Type (shape)	Trapezoidal
Enclosure Materials	Baltic Birch Plywood
Finish	Black catalyzed polyurethane
Connectors	1 each male and female AP4 1 each male and female AP6
Suspension Hardware	(6) 3-position flytracks with integral 3/8"-16 threaded mounting/suspension points (3 each top and bottom)
Grill	Vinyl coated perforated steel, foam backed
Options	MX300i and MX800i 179001 Flyclip with ring 179002 Flyclip with hook

NOMINAL DATA

Frequency Response (Hz)	
±3 db	65Hz to 17kHz
-10 db	50Hz



Axial Sensitivity (dB SPL/1 Watt/1m)

Biamped MF/HF	107
LF	100
MF	107
HF	107

Impedance (Ohms)

Biamped MF/HF	8
LF	8
MF	8
HF	8

Power Handling, AES Standard (Watts)

Biamped MF/HF	400
LF	1000
MF	400
HF	200

Calculated Maximum Output (dB SPL, @ 1m)

Biamped MF/HF Peak	139.0
LF Peak	136.0
MF Peak	139.0
HF Peak	136.0
Biamped MF/HF Long Term	133.0
LF Long Term	130.0
MF Long Term	133.0
HF Long Term	130.0

Nominal Coverage Angle / -6 dB points (degrees)

Horizontal	60
Vertical	45

Recommended Complementary Systems

Sub	SB528/SB600e/SB625P
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Dimensions

	inches	millimeters
Height	33.25	845
Width (Front)	19.75	502
Width (Rear)	12.93	328
Depth	19.75	502
Trapezoid Angle	10 degrees per side	

Weights

	pounds	kilograms
Net Weight	140	63.7
Shipping Weight	145	66.0



