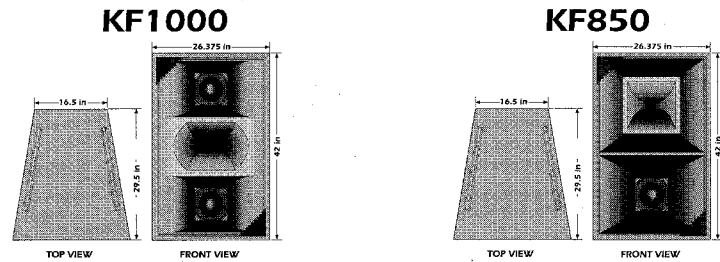


Virtual Array™ Product Specifications

Model

April 1993



Frequency Response

	KF1000	KF850
System Only:	300 to 20k Hz \pm 2.5 dB	100 to 20k Hz \pm 2 dB
Low Frequency Limit -3 dB:	250 Hz	90 Hz
Low Frequency Limit -10 dB:	200 Hz	65 Hz

Optional Subwoofer

	KF1000	KF850
Optional Subwoofer:	SB1000	SB850/SB528
Bandwidth With Sub:	31 Hz to 20k Hz	31Hz to 20k Hz

Axial Sensitivity (1w@1m)

	KF1000	KF850
LF:	NA	105 dB SPL
MF (MF/HF):	112 dB SPL	105 dB SPL
HF:	110 dB SPL	112 dB SPL

Power Handling AES Standard

	KF1000	KF850
LF:	NA	500 watts
MF (MF/HF):	1000 watts	400 watts
HF:	200 watts	200 watts

Power Handling Long Term (100 Hour Sine Wave)

	KF1000	KF850
LF:	NA	250 watts
MF (MF/HF):	400 watts	150 watts
HF:	70 watts	70 watts

Maximum Output (peak)

	KF1000	KF850
LF:	NA	132 dB SPL
MF (MF/HF):	142 dB SPL	131 dB SPL
HF:	133 dB SPL	135 dB SPL

Maximum Output (long term)

	KF1000	KF850
LF:	NA	129 dB SPL
MF (MF/HF):	138 dB SPL	126 dB SPL
HF:	128 dB SPL	130 dB SPL

Nominal Coverage Angles

	KF1000	KF850
Horizontal:	40 degrees	55 degrees
Vertical:	30 degrees	40 degrees

Nominal Impedance

	KF1000	KF850
LF / MF / HF:	4 ohms / 12 ohms	8 ohms / 8 ohms / 12 ohms

LF Subsystem

	KF1000	KF850
Type:	NA	1x 15-in Straight Horn

MF Subsystem

	KF1000	KF850
Type:	2x 12-in Straight Horn	1x 10-in Cone Horn Loaded

HF Subsystem

	KF1000	KF850
Type:	TAD 4002 2-in Exit / Horn	TAD 4002 2-in Exit / Horn

Crossover Data

	KF1000	KF850
Standard Configuration:	MX800-10T	MX800i-8T
Powering Mode:	Bi-amp	Tri-amp
Finish:	Black Catalyzed Polyurethane	Black Catalyzed Polyurethane
Connectors:	AP6 M&F	AP6 M&F
Grill:	Vinyl Coated Perforated Steel	Vinyl Coated Perforated Steel
Rigging:	AirCargo 20864 Track With Internal Subframe, 2x Track on Top & Bottom	AirCargo 20276 Track With Internal Subframe, 2x Track on Top & Bottom
System Shape:	Trapezoid	Trapezoid

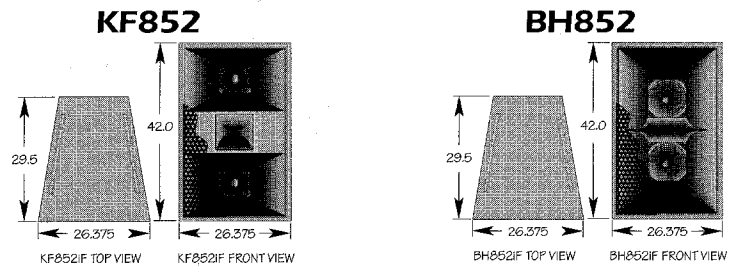
Dimensions & Weights

	KF1000	KF850
High	42.00 in (1066.8 mm)	42.00 in (1066.8 mm)
Wide	26.38 in (670 mm)	26.38 in (670 mm)
Deep	29.50 in (749.3 mm)	29.50 in (749.3 mm)
Back Width	16.50 in (419.1 mm)	16.50 in (419.1 mm)
Net Weight	242 lbs (110.0 kg)	239 lbs (108.6 kg)
Shipping Weight	260 lbs (118.2 kg)	257 lbs (116.8 kg)

Virtual Array™ Product Specifications

Model

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Frequency Response

System Only:	220 to 20k Hz \pm 2.5dB	70 to 300 Hz \pm 2.5 dB
Low Frequency Limit -3 dB:	195 Hz	68 Hz
Low Frequency Limit -10 dB:	170 Hz	55 Hz

Optional Subwoofer

	BH852/SB850	SB850
Bandwidth With Sub:	30 Hz to 20k Hz	30 Hz to 20k Hz

Axial Sensitivity (1w@1m)

LF:	NA	106 dB SPL
MF (MF/HF):	110 dB SPL	NA
HF:	"T" 112 dB SPL ("J" 110 dB SPL)	NA

Power Handling AES Standard

LF:	NA	2,000 watts
MF (MF/HF):	800 watts	NA
HF:	200watts	NA

Power Handling Long Term (100 Hour Sine Wave)

LF:	NA	800 watts
MF (MF/HF):	300 watts	NA
HF:	70 watts	NA

Maximum Output (peak)

LF:	NA	139 dB SPL
MF (MF/HF):	139 dB SPL	NA
HF:	135 dB SPL	NA

Maximum Output (long term)

LF:	NA	135 dB SPL
MF (MF/HF):	134 dB SPL	NA
HF:	130 dB SPL	NA

Nominal Coverage Angles

Horizontal:	55 degrees	70 degrees
Vertical:	40 degrees	50 degrees

Nominal Impedance

LF / MF / HF:	NA/4 ohms / "T" 12 ohms ("J" 8 ohms)	4 ohms/NA/NA
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LF Subsystem

Type:	NA	2x 15-in Horn Loaded
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MF Subsystem

Type:	2x 10-in Cone Horn Loaded	NA
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HF Subsystem

Type:	TAD4002 2-in Exit / Horn	NA
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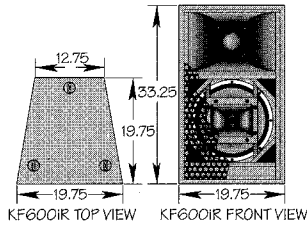
Crossover Data

Standard Configuration:	MX800i-82	MX800i-82
Powering Mode:	Tri-Amp with BH852	Tri-Amp with KF852
Finish:	Black Catalyzed Polyurethane	Black Catalyzed Polyurethane
Connectors:	AP6 M&F, Banana Test Points	AP6 M&F, Banana Test Points
Grill:	Vinyl Coated Perforated Steel	Vinyl Coated Perforated Steel
Rigging:	AirCargo 20864 Track With Internal Subframe, 2x Track on Top & Bottom	AirCargo 20276 Track With Internal Subframe, 2x Track on Top & Bottom
System Shape:	Trapezoid	Trapezoid

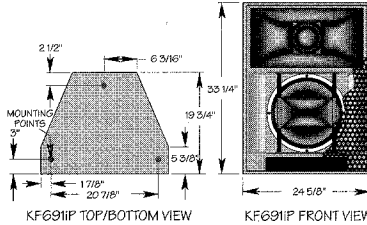
Dimensions & Weights

High:	42.0 in (1066.8 mm)	42.0 in (1066.8 mm)
Wide:	26.38 in (670 mm)	26.38 in (670 mm)
Deep:	29.5 in (749.3 mm)	29.5 in (749.3 mm)
Back Width:	16.5 in (419.1 mm)	16.5 in (419.1 mm)
Net Weight:	268 lbs (121.8 Kg)	290 lbs. (131.8 Kg)
Shipping Weight:	272 lbs (123.6 Kg)	300 lbs. (136.4 Kg)

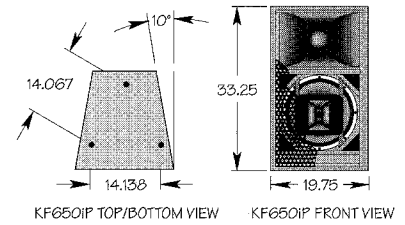
KF600i



KF691i



KF650i



75 to 20k Hz ± 2.5 dB

65 Hz

50 Hz

SB600/SB625/SB250

31 Hz to 20k Hz

102 dB SPL

106 dB SPL

106 dB SPL

600 watts

400 watts

200 watts

250 watts

150 watts

80 watts

129 dB SPL

132 dB SPL

129 dB SPL

126 dB SPL

127 dB SPL

125 dB SPL

60 degrees

40 degrees

8 ohms / 8 ohms / 12 ohms

1x 15-in Wave Guide Cavity

1x 10-in Cone Horn Loaded

EAW 1-in Exit / Horn

MX800i-6

Tri-amp (Optional Passive & Biamp)

Black Catalyzed Polyurethane

EP6 M&F & Test Points

Vinyl Coated Perforated Steel

Ancra 40000.13 Single Studs With Internal Bracing, 3x Points on Top & bottom

Trapezoid

33.25 in (844.6 mm)

19.75 in (501.7 mm)

19.75 in (501.7 mm)

12.75 in (323.9 mm)

126 lbs (57.3 kg)

137 lbs (62.3 kg)

75 to 20k Hz ± 2.5 dB

65 Hz

50 Hz

SB600/SB625/SB250

31Hz to 20k Hz

102 dB SPL

107 dB SPL

105 dB SPL

600 watts

400 watts

150 watts

250 watts

150 watts

80 watts

129 dB SPL

133 dB SPL

128 dB SPL

128 dB SPL

128 dB SPL

124 dB SPL

90 degrees

40 degrees

8 ohms/10 ohms/6 ohms

1x 15-in Wave Guide Cavity

1x 10-in Cone Horn Loaded

EAW 1-in Exit / Horn

MX800i-6

Tri-amp (Optional Passive & Biamp)

Black Catalyzed Polyurethane

EP6 M&F & Test Points

Vinyl Coated Perforated Steel

Ancra 40000.13 Single Studs With Internal Bracing, 3x Points on Top & bottom

Trapezoid

33.25 in (844.6 mm)

24.625 in (625.5 mm)

19.75 in (501.7 mm)

12.375 in (314.3 mm)

157 lbs (71.4 Kg)

162 lbs (73.6 Kg)

70 to 20k Hz ± 2.5 dB

65 Hz

50 Hz

SB600/SB625/SB250

31 Hz to 20k Hz

102 dB SPL

107 dB SPL

107 dB SPL

1,000 watts

400 watts

200 watts

400 watts

150 watts

80 watts

132 dB SPL

133 dB SPL

130 dB SPL

128 dB SPL

128 dB SPL

126 dB SPL

60 degrees

40 degrees

8 ohms / 8 ohms/8 ohms

1x 15-in Wave Guide Cavity

1x 10-in Cone Horn Loaded

EAW CD5001 2-in Ext / Horn

MX800i-6

Tri-amp (Optional Passive & Biamp)

Black Catalyzed Polyurethane

EP6 M&F & Test Points

Vinyl Coated Perforated Steel

Ancra 40000.13 Single Studs With Internal Bracing, 3x Points on Top & bottom

Trapezoid

33.25 in (844.6 mm)

19.75 in (501.7 mm)

19.75 in (501.7 mm)

12.375 in (314.3 mm)

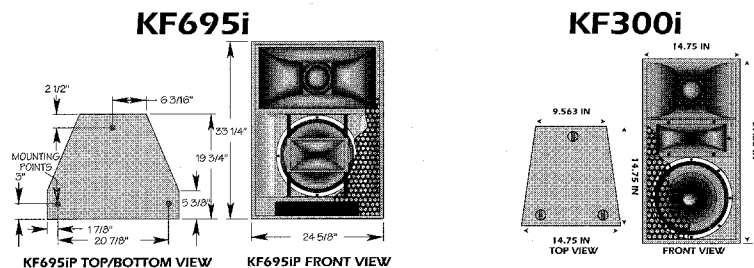
132 lbs (60 kg)

143 lbs (65 kg)

Virtual Array™ Product Specifications

Model

April 1993



Frequency Response

System Only:	75 to 20k Hz ± 2.5 dB	80 to 20k Hz ± 3 dB
Low Frequency Limit -3 dB:	65 Hz	70 Hz
Low Frequency Limit -10 dB:	50 Hz	50 Hz

Optional Subwoofer

	SB600/SB625/SB250	SB330/SB180
Bandwidth With Sub:	31 Hz to 20k Hz	31 Hz to 20k Hz

Axial Sensitivity (1w@1m)

LF:	102 dB SPL	101 dB SPL
MF (MF/HF):	107 dB SPL	104 dB SPL
HF:	107 dB SPL	NA

Power Handling AES Standard

LF:	1,000 watts	600 watts
MF (MF/HF):	400 watts	250 watts
HF:	200 watts	NA

Power Handling Long Term (100 Hour Sine Wave)

LF:	400 watts	250 watts
MF (MF/HF):	150 watts	100 watts
HF:	80 watts	NA

Maximum Output (peak)

LF:	132 dB SPL	128 dB SPL
MF (MF/HF):	133 dB SPL	128 dB SPL
HF:	130 dB SPL	NA

Maximum Output (long term)

LF:	128 dB SPL	125 dB SPL
MF (MF/HF):	128 dB SPL	124 dB SPL
HF:	126 dB SPL	NA

Nominal Coverage Angles

Horizontal:	90 degrees	90 degrees
Vertical:	45 degrees	50 degrees

Nominal Impedance

LF / MF / HF:	8 ohms / 8 ohms / 8 ohms	8 ohms / 8 ohms
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LF Subsystem

Type:	1x 15-in Wave Guide Cavity	1x 12-in Vented
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MF Subsystem

Type:	1x 10-in Cone Horn Loaded	1x 7-in Carbon Fiber Cone Horn Loaded
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HF Subsystem

Type:	EAW CD5001 2-in Exit / Horn	EAW 1-in Exit / Horn
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Crossover Data

Standard Configuration:	MX800i-6	MX300i-3
Powering Mode:	Tri-amp	Bi-amp
Finish:	Black Catalyzed Polyurethane	Black Catalyzed Polyurethane
Connectors:	EP6 M&F & Test Points	2x NL4 & Test Points
Grill:	Vinyl Coated Perforated Steel	Vinyl Coated Perforated Steel
Rigging:	Ankra 40000.13 Single Studs With Internal Bracing, 3x Points on Top & bottom	Ankra 40000.13 Single Studs With Internal Bracing, 3x Points on Top & bottom
System Shape:	Trapezoid	Trapezoid

Dimensions & Weights

High:	33.25 in (844.6 mm)	27.50 in (698.5 mm)
Wide:	24.625 in (625.5 mm)	14.75 in (374.7 mm)
Deep:	19.75 in (501.7 mm)	14.75 in (374.7 mm)
Back Width:	12.375 in (314.3 mm)	10.50 in (266.7 mm)
Net Weight:	172 lbs (78.2 kg)	80 lbs (36.4 kg)
Shipping Weight:	175 lbs (79.5 kg)	90 lbs (40.9 kg)