

5FCX44

Coaxials FE - 5.0 Inches

200 W continuous program power capacity
 70°x70° nominal coverage
 60 - 18000 Hz response
 91 dB sensitivity



Specifications

Nominal diameter	127 mm (5.0 in)
Nominal impedance	8 Ω
Minimum impedance lf	6.5 Ω
Minimum impedance hf	6.5 Ω
Frequency range	60 - 18000 Hz
Dispersion angle	70x70 °
Diaphragm material	Polyester
Recommended crossover	2.5 kHz
Magnet material	Ceramic

Specifications Lf Unit

Lf sensitivity	91.0 dB
Lf nominal power handling	100 W
Lf continuous power handling	200 W
Lf voice coil diameter	44 mm (1.7 in)
Lf winding material	Copper

Specifications Hf Unit

Hf sensitivity	107.5 dB
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Specifications Hf Unit

Hf nominal power handling	10 W
Hf continuous power handling	20 W
Hf voice coil diameter	25 mm (1.0 in)
Hf winding material	Aluminium

Parameters

Fs	61 Hz
Re	6 Ω
Qes	0.25
Qms	7.8
Qts	0.25
Vas	7.0 dm ³ (0.25 ft ³)
Sd	95.0 cm ² (14.7 in ²)
η _o	0.6 %
Xmas	3.0 mm
Xvar	5.0 mm
Mms	12 g
Bl	10.5 Txm
Le	0.8 mH

Parameters

Ebp	244 Hz
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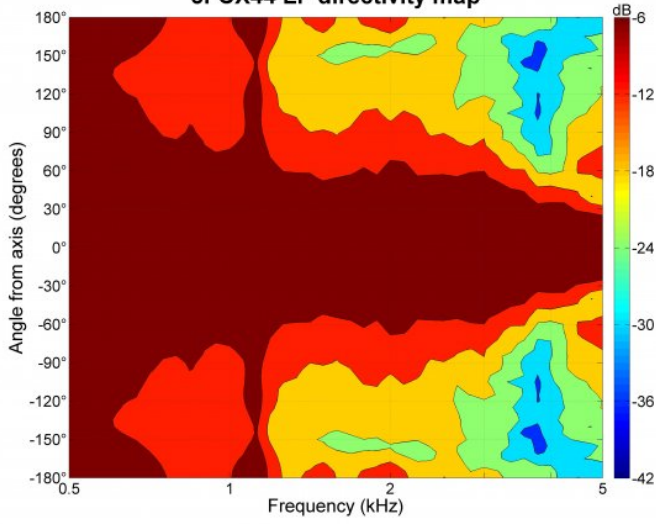
Mounting And Shipping Info

Overall diameter	136 mm (5.35 in)
Bolt circle diameter	142 mm (5.6 in)
Baffle cutout diameter	122 mm (4.8 in)
Depth	110 mm (4.33 in)
Flange and gasket thickness	8 mm (0.31 in)
Net weight	1.85 kg (4.1 lb)
Shipping units	1
Shipping weight	2.2 kg (4.85 lb)
Shipping box	266x259x155 mm (10.5x10.2x6.1 in)

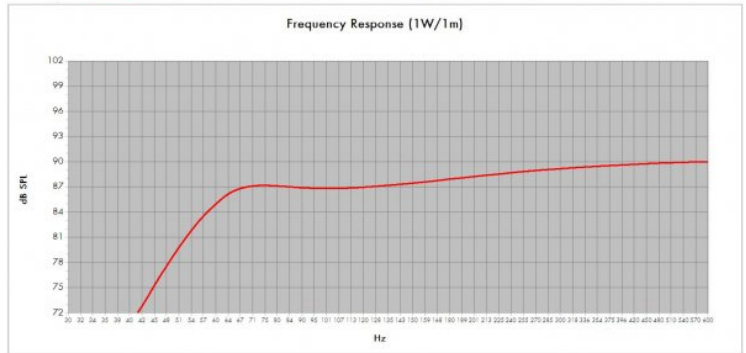
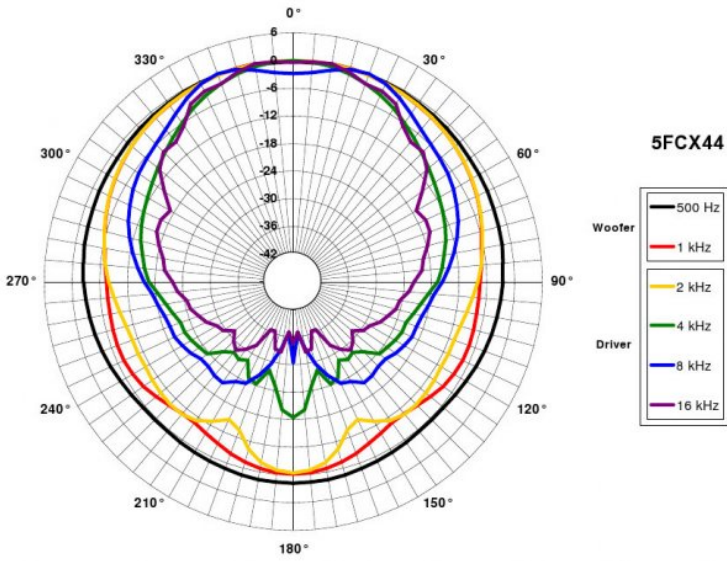
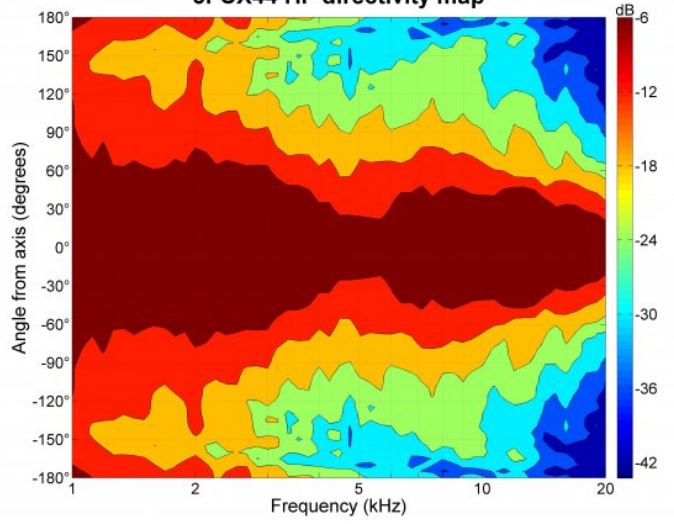
Other

Service kit lf	RCK005FCX448
Service kit hf	MMDDE58

5FCX44 LF directivity map



5FCX44 HF directivity map



Model:	5FCX44	Configuration:	One Driver
Enclosure Type:	Bass Reflex		
Internal Net Volume [Litres]:	7	Q8:	3
Tuning Frequency [Hz]:	63	Port Area [cm ²]:	15,2
Frequency [-3 dB] [Hz]:	145,4	Port Length [cm]:	12,6
Excursion Limited Maximum SPL at 1 meter [dB]: 110,3 equal to 100,0 Watts (Bass Band Power Rating)			
Thermal Limited Maximum SPL at 1 meter [dB]: 110,3 equal to 100,0 Watts (Mid Band Power Rating)			