

5CXN44 8 Ω

- 300 W continuous program power capacity
- 80° nominal coverage
- 70 - 18000 Hz response
- 86.5 dB sensitivity
- Aluminium demodulating ring for very low distortion



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GENERAL

Nominal Diameter	127 mm (5 in)
Nominal Impedance	8 Ω
Frequency Range	70 Hz - 18000 Hz
Dispersion Angle	80 °
Included by -6 dB down points.	

PARAMETERS

Fs	70 Hz
Re	4.7 Ω
Qes	0.47
Qms	9.6
Qts	0.45
Vas	4.3 dm³ (0.15 ft³)
Sd	95 cm² (14.73 in²)
η0	0.31 %
Xvar	6 mm
Mms	15 g
Bl	8.1 Tm
Le	0.37 mH
EBP	149 Hz

SPECIFICATIONS HF UNIT

Nominal Diameter	127 mm (5 in)
Nominal Impedance	8 Ω
Minimum Impedance	7.5 Ω
Nominal Power Handling	25 W
2 hour test made with continuous pink noise signal within the range from the recommended crossover frequency to 20 kHz. Power calculated on rated minimum impedance. Loudspeaker in free air.	
Continuous Power Handling	50 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	101 dB
Applied RMS Voltage is set to 2.83V.	
Recommended Crossover	2 kHz
12 dB/oct. or higher slope high-pass filter.	
Voice Coil Diameter	36 mm (1.4 in)
Winding Material	Aluminum
Inductance	0.14 mH
Flux Density	1.54 T
Diaphragm Material	HT Polymer

SPECIFICATIONS LF UNIT

Nominal Diameter	127 mm (5 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.1 Ω
Nominal Power Handling	150 W
2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.	
Continuous Power Handling	300 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	86.5 dB
Applied RMS Voltage is set to 2.83V.	
Voice Coil Diameter	44 mm (1.7 in)
Winding Material	Copper
Former Material	Kapton
Winding Depth	14 mm (0.55 in)
Magnetic Gap Depth	6 mm (0.24 in)
Flux Density	0.95 T
Woofer Cone Treatment	WP Waterproof Front Side

DESIGN

Magnet Material	Neodymium Ring
Woofer Cone Treatment	WP Waterproof Front Side
Recommended Enclosure	9 dm³ (0.32 ft³)
Recommended Tuning	57 Hz
Recommended Loading	Vented Box

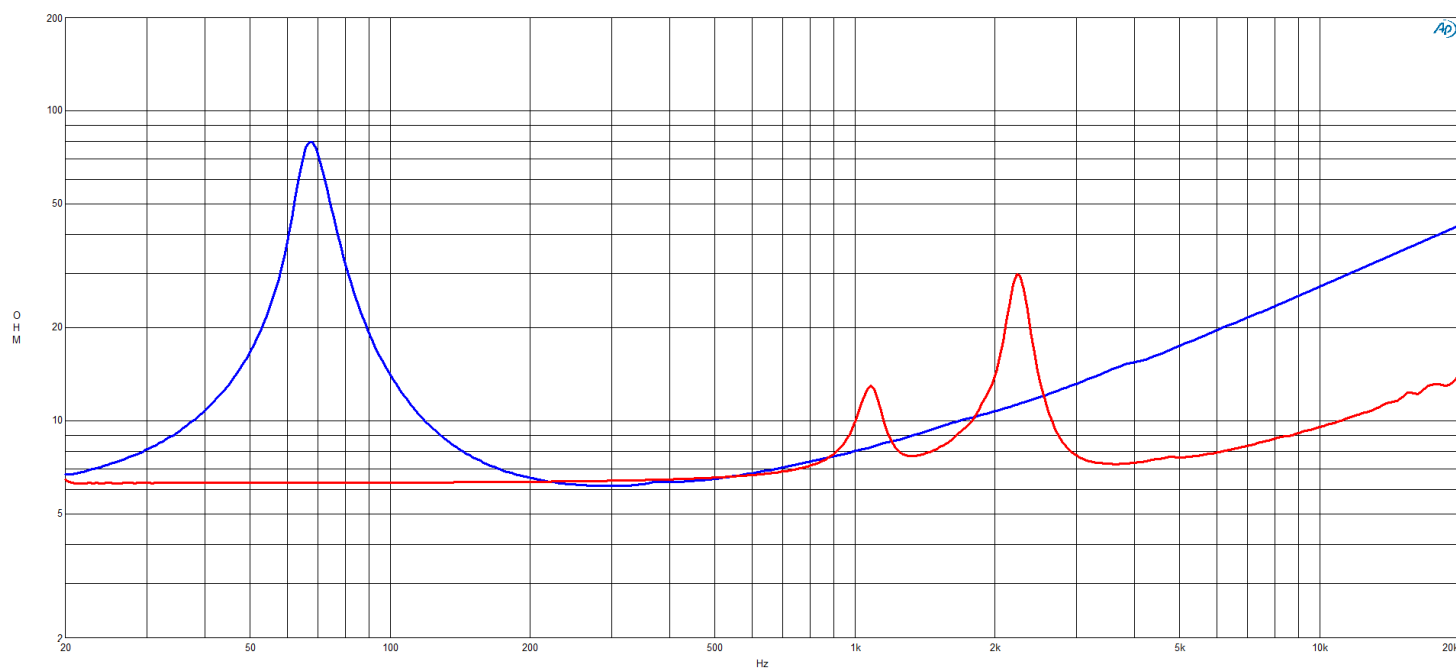
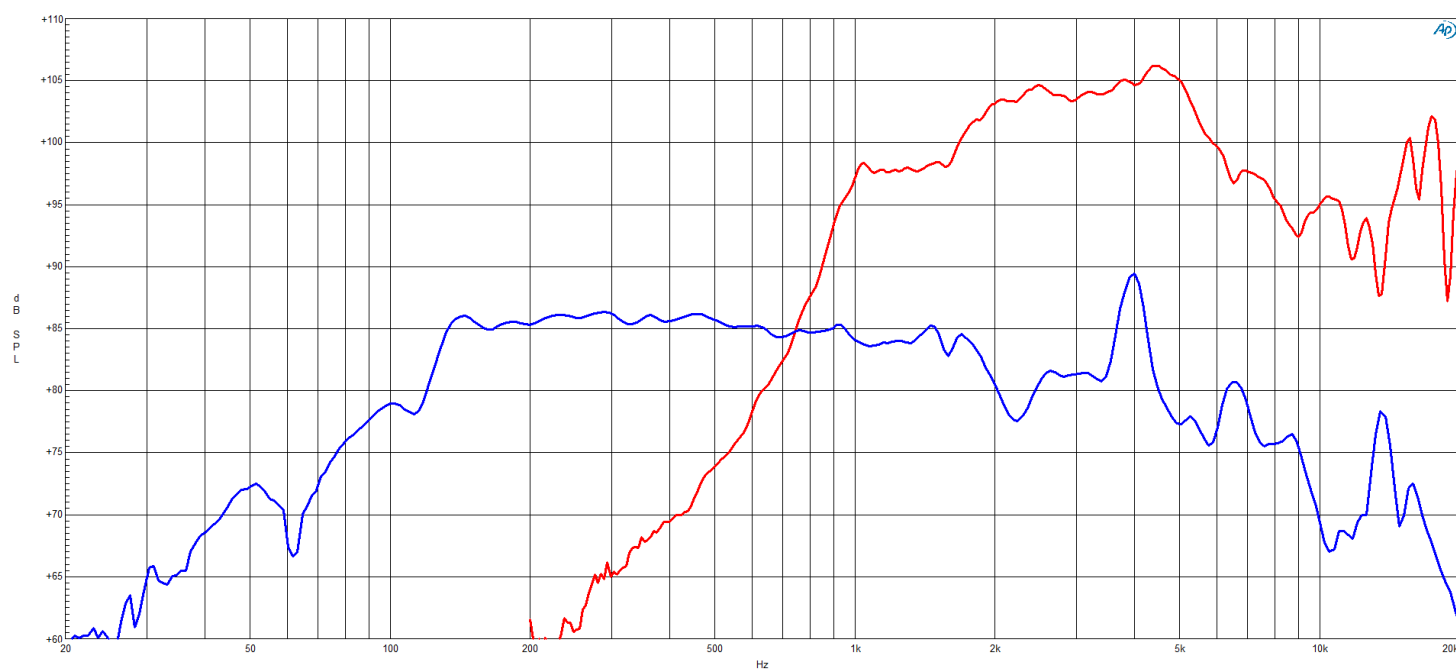
MOUNTING AND SHIPPING INFO

Overall Diameter	155 mm (6.1 in)
Bolt Circle Diameter	142 mm (5.6 in)
Baffle Cutout Diameter	122 mm (4.8 in)
Depth	96 mm (3.78 in)
Flange and Gasket Thickness	10 mm (0.39 in)
Net Weight	1.15 kg (2.54 lb)
Shipping Units	1 pcs
Shipping Weight	1.6 kg (3.53 lb)
Shipping Box	255x255x150 mm (10.04x10.04x5.91 in)

SERVICE KITS

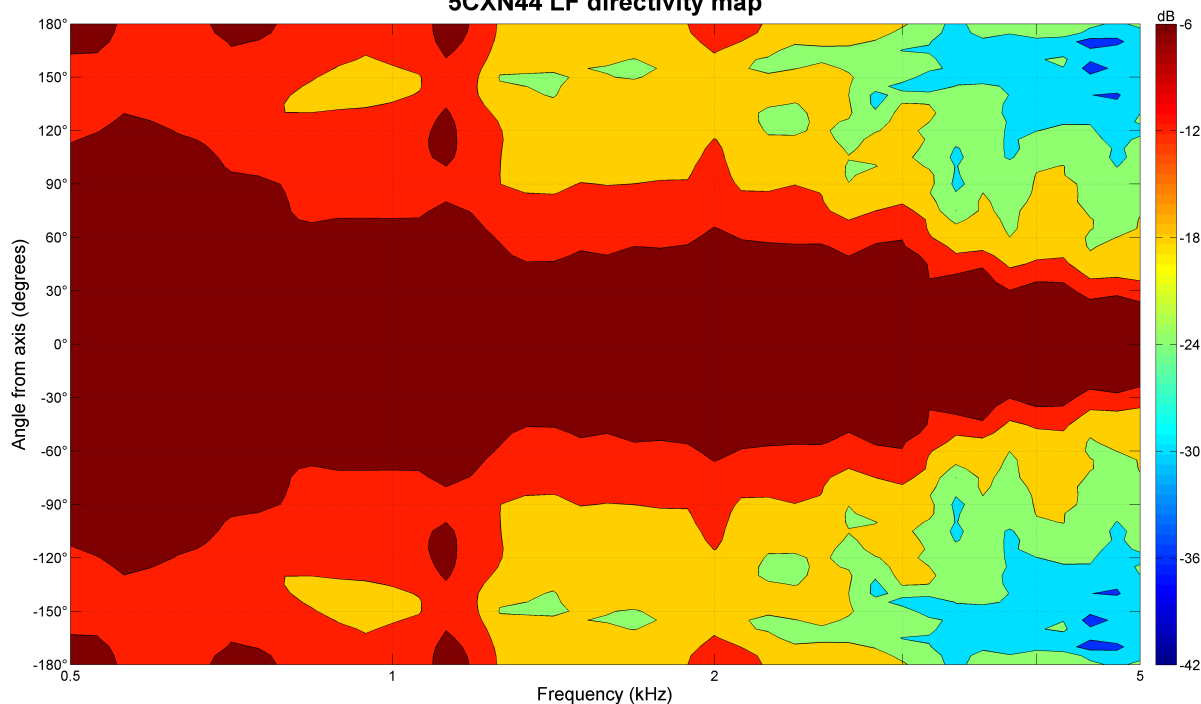
HF replacement-diaphragm	MMDDE1108
LF recone-kits	RCK005CXN448

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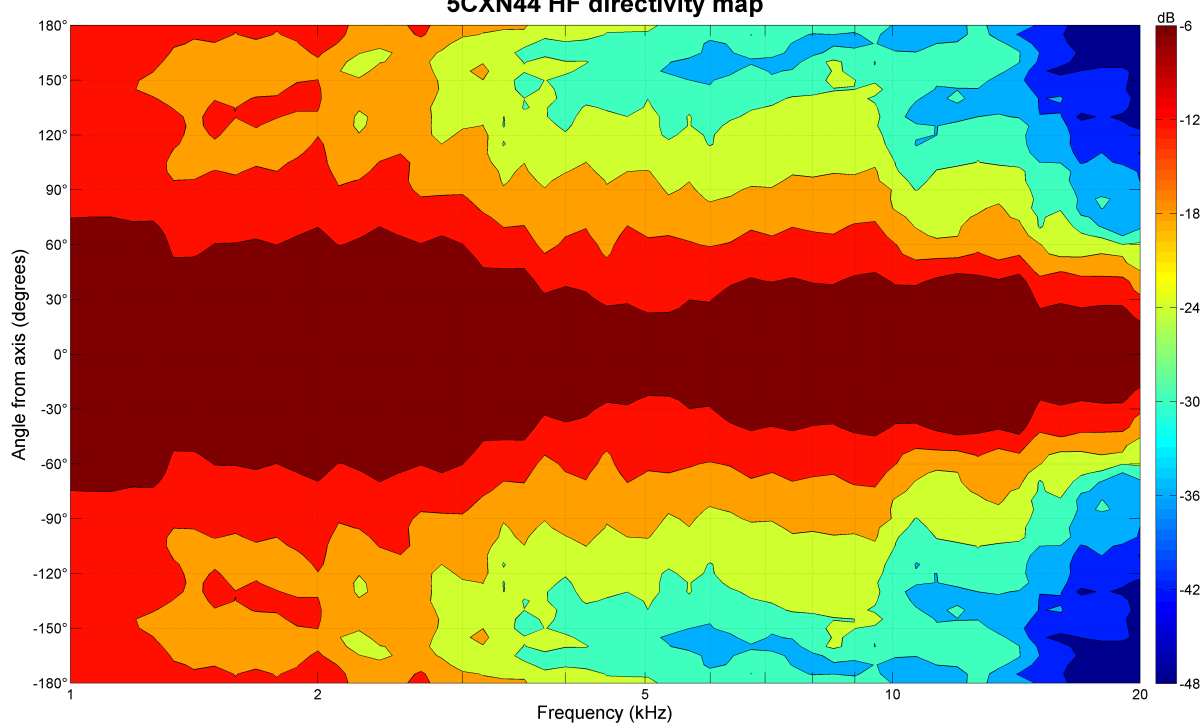


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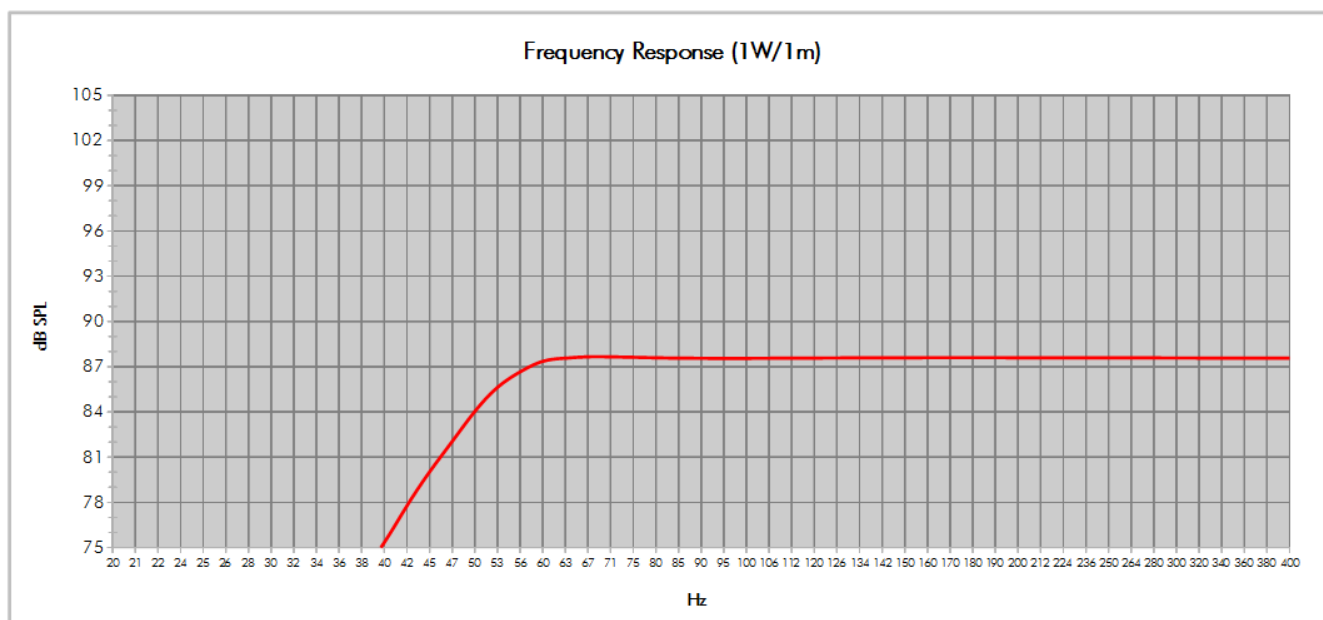
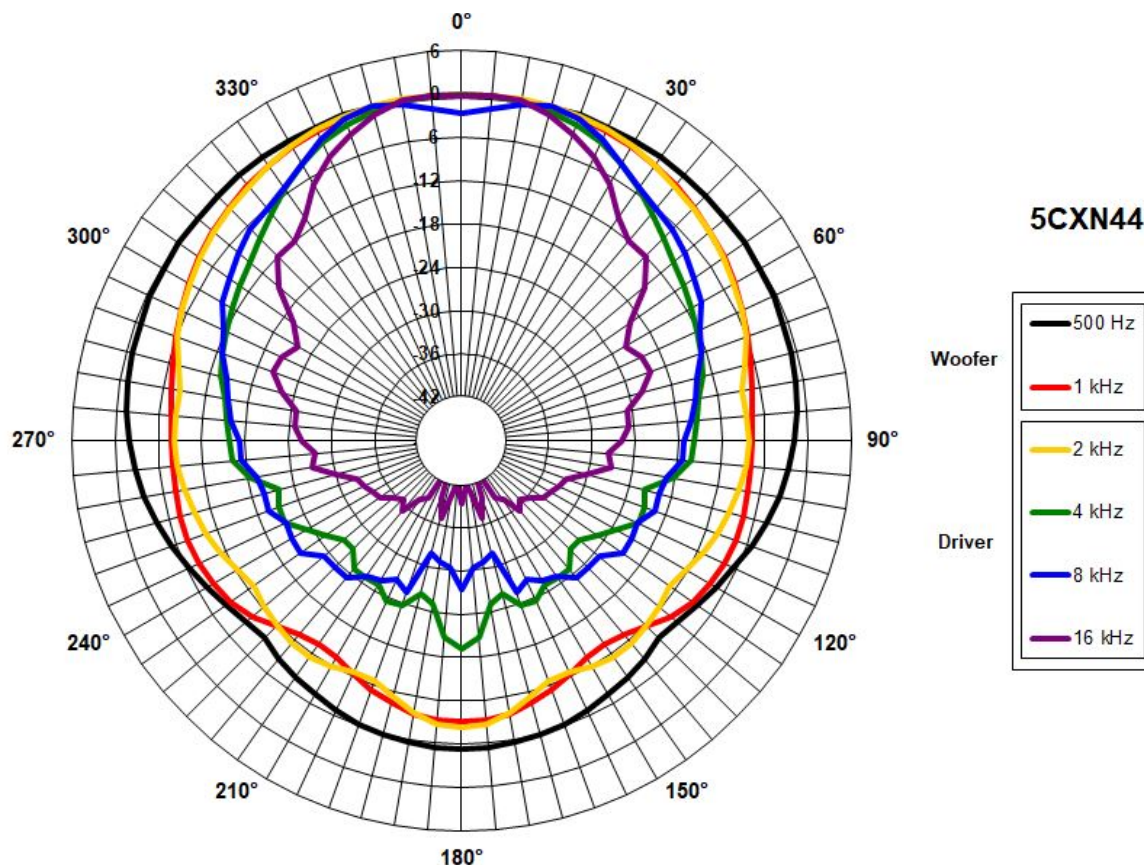
5CXN44 LF directivity map



5CXN44 HF directivity map



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Model:	5CXN44	Configuration:	One Driver
Enclosure Type:	Bass Reflex		
Internal Net Volume (Litres):	9	QB:	7
Tuning Frequency (Hz):	57	Port Area (cm²):	15,0
Frequency (-3 dB) (Hz):	51,0	Port Length (cm):	11,6
Frequency (-10 dB) (Hz):	42,2		

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