

14CXN88 8 Ω

- 1000 W continuous program power capacity
- 80° nominal coverage
- 45 - 18000 Hz response
- 99 dB sensitivity
- Single Neodymium magnet assembly
- Aluminium demodulating ring allows a very low distortion figure
- Double silicone spider with optimized compliance

New to the large format coaxial family is the 14CXN88. Like the 12CXN88 and 15CXN88, that were introduced in the spring of 2017, this new 14" addition features an 88mm voice coil woofer and 75mm diaphragm high frequency driver. This motor combination offers an excellent balance between HF and LF output. As a practical compromise between our 12-inch and 15-inch alternatives, the 14CXN88 coaxial (which is actually 13.5-inches in diameter) offers better low frequency output than a 12-inch coaxial, but more balanced midrange performance than a 15-inch coaxial.



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GENERAL

Nominal Diameter	343 mm (13.5 in)
Nominal Impedance	8 Ω
Frequency Range	45 Hz - 18000 Hz
Dispersion Angle	80 °
Included by -6 dB down points.	

PARAMETERS

Fs	46 Hz
Re	4.7 Ω
Qes	0.27
Qms	13
Qts	0.26
Vas	100 dm³ (3.53 ft³)
Sd	707 cm² (109.59 in²)
η0	3.6 %
Xvar	9 mm
Mms	83 g
Bl	20.7 Tm
Le	0.95 mH
EBP	170 Hz

SPECIFICATIONS HF UNIT

Nominal Diameter	343 mm (13.5 in)
Nominal Impedance	8 Ω
Minimum Impedance	8.8 Ω
Nominal Power Handling	80 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	160 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	106 dB
Applied RMS Voltage is set to 2.83V.	
Recommended Crossover	1.2 kHz
12 dB/oct. or higher slope high-pass filter.	
Voice Coil Diameter	75 mm (3 in)
Winding Material	Aluminium
Inductance	0.14 mH
Flux Density	1.75 T
Diaphragm Material	Titanium

SPECIFICATIONS LF UNIT

Nominal Diameter	343 mm (13.5 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.8 Ω
Nominal Power Handling	500 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	1000 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	99 dB
Applied RMS Voltage is set to 2.83V.	
Voice Coil Diameter	88 mm (3.5 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	22 mm (0.87 in)
Magnetic Gap Depth	11 mm (0.43 in)
Flux Density	1.05 T
Woofer Cone Treatment	WP Waterproof Front Side

DESIGN

Magnet Material	Neodymium Ring
Woofer Cone Treatment	WP Waterproof Front Side

MOUNTING AND SHIPPING INFO

Overall Diameter	359 mm (14.13 in)
Bolt Circle Diameter	343 mm (323 in)
Baffle Cutout Diameter	326 mm (12.83 in)
Depth	200 mm (7.87 in)
Flange and Gasket Thickness	15 mm (0.59 in)
Net Weight	7.4 kg (16.31 lb)
Shipping Units	1 pcs
Shipping Weight	9 kg (19.84 lb)
Shipping Box	500x495x275 mm (19.69x19.49x10.83 in)

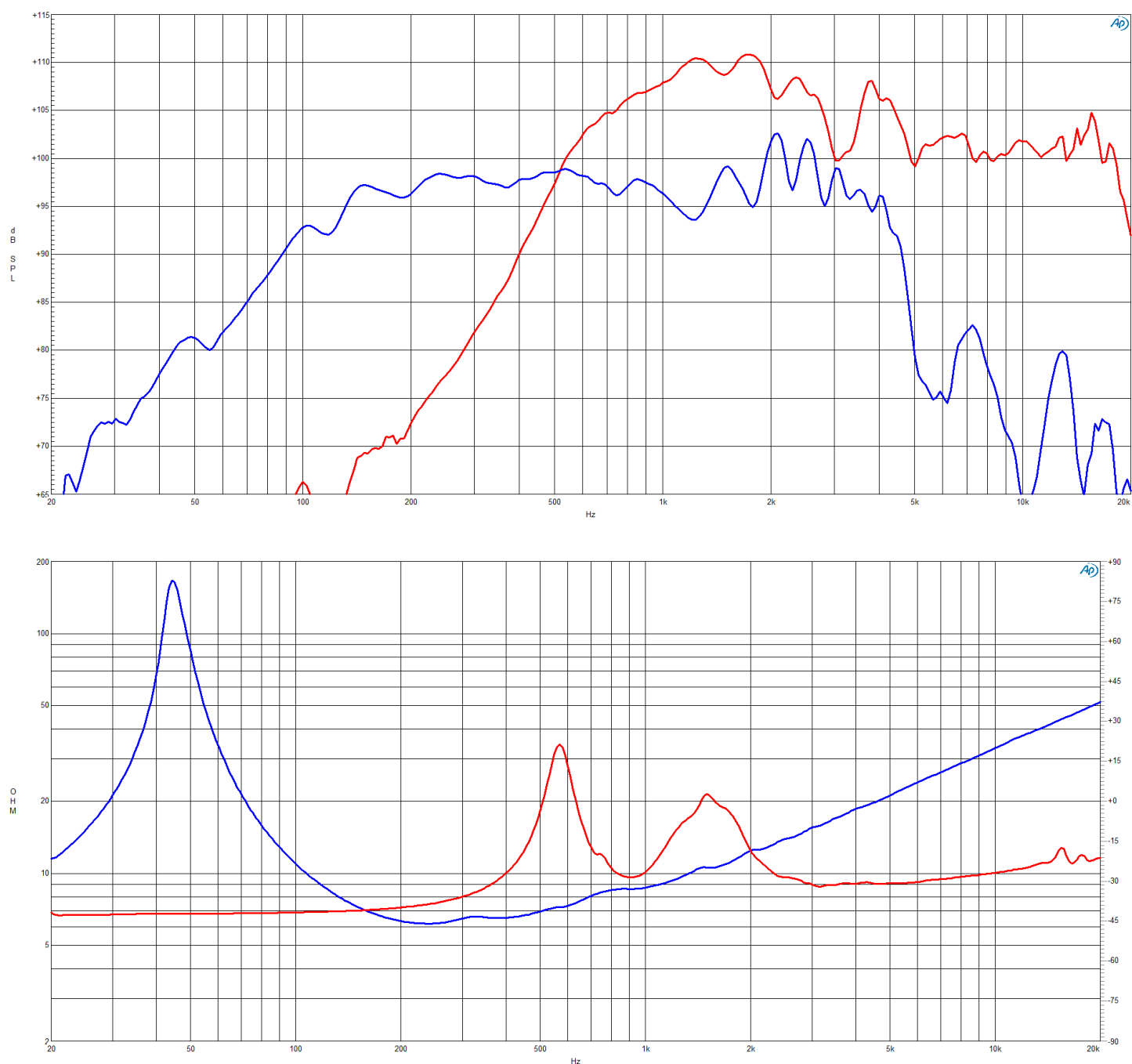
CROSSOVER

FBCXN88	8 Ω
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SERVICE KITS

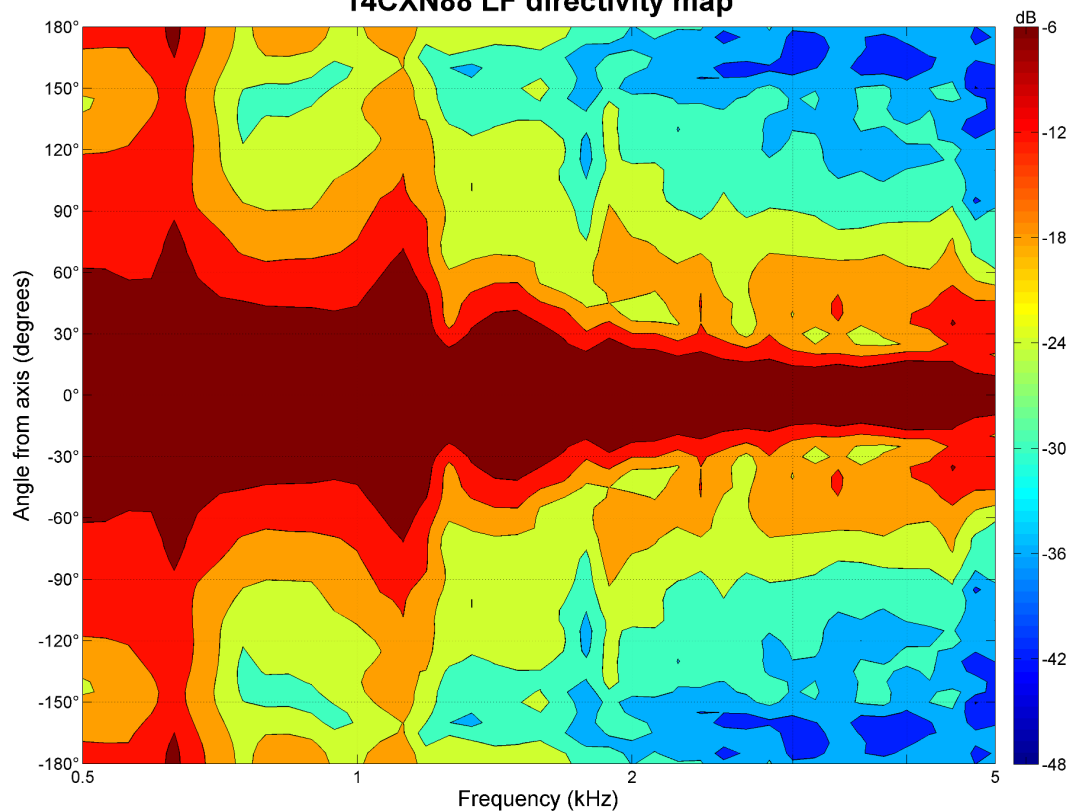
HF replacement-diaphragm	MMD3DTN8M
LF recone-kits	RCK14CXN888

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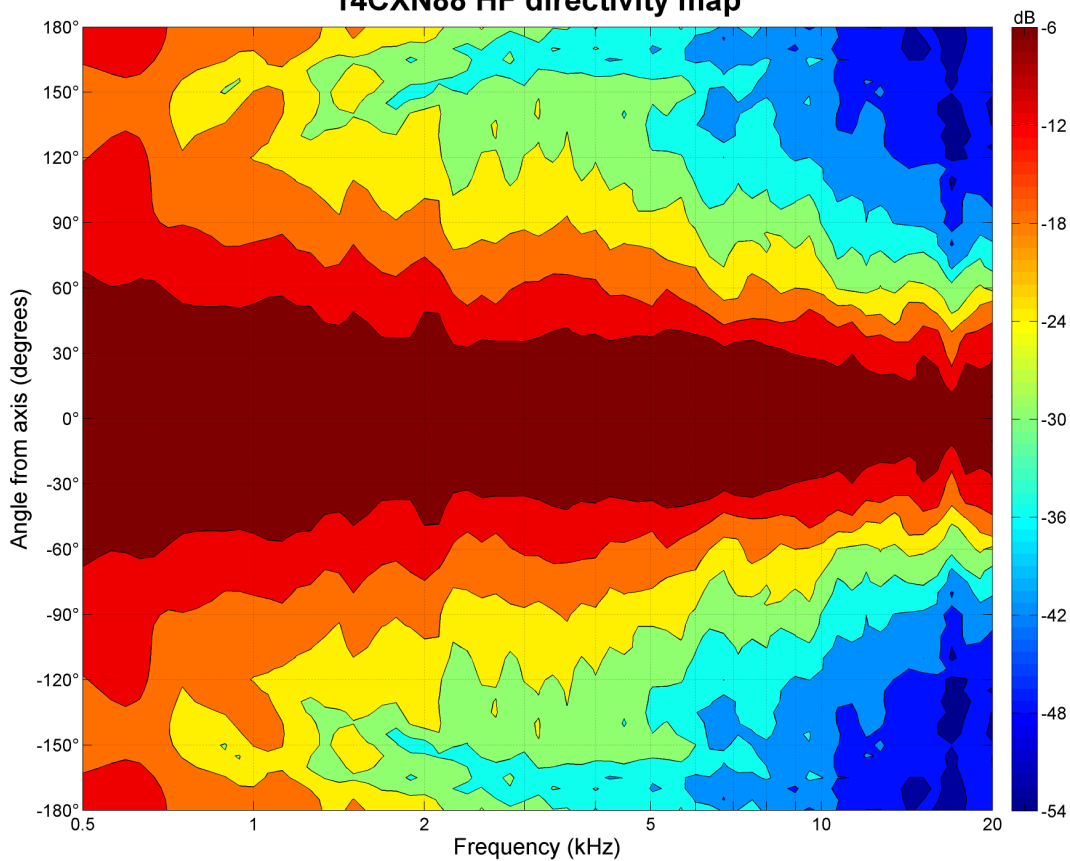


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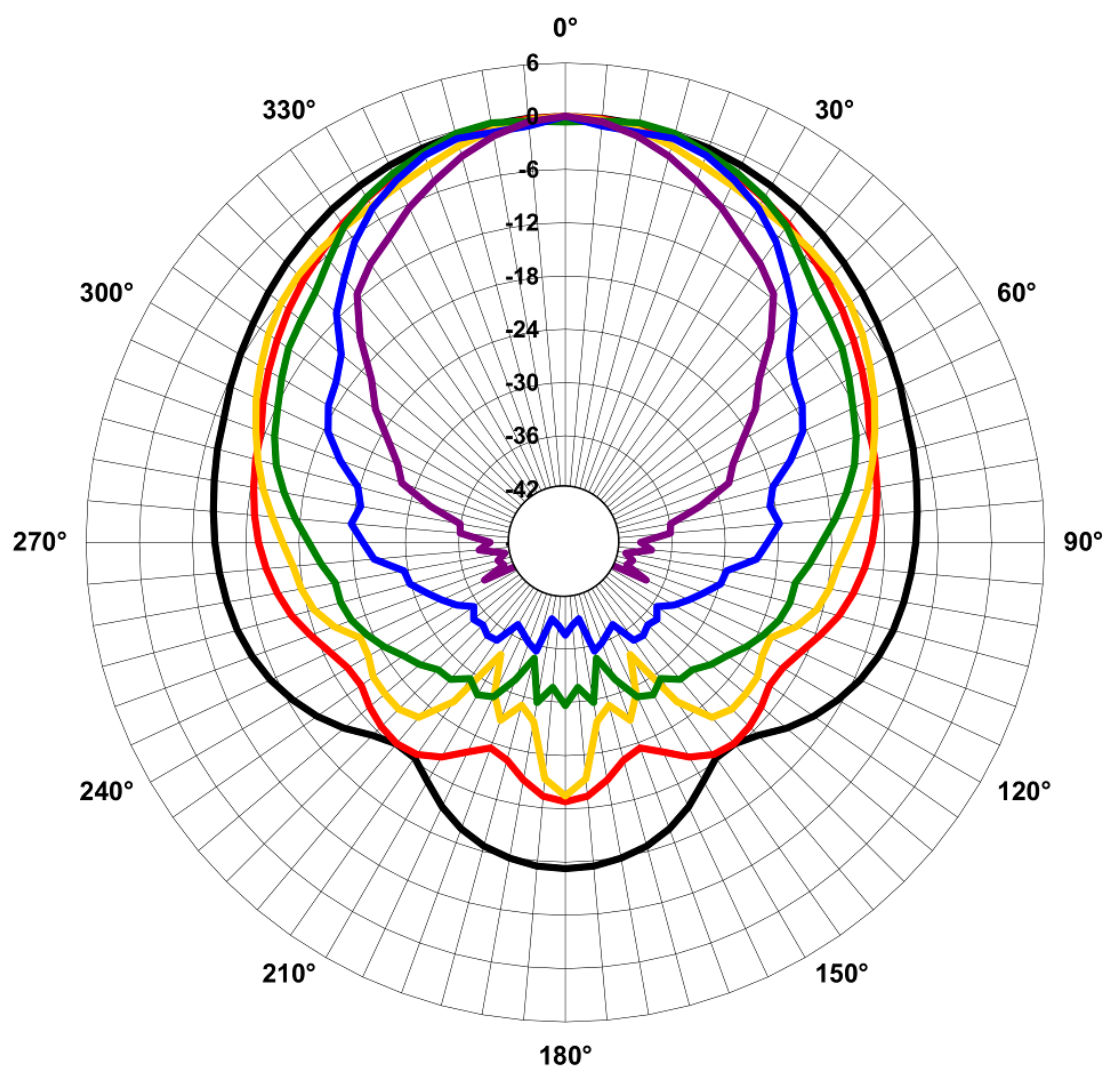
14CXN88 LF directivity map



14CXN88 HF directivity map

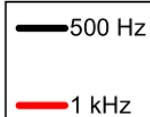


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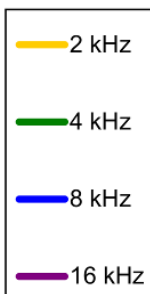


14CXN88

Woofer



Driver



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