

**14CXN76** 8 Ω

- 800 W continuous program power capacity
- 80° nominal coverage
- 45 - 18000 Hz response
- 100 dB sensitivity
- Single Neodymium magnet assembly
- Aluminium demodulating ring for very low distortion



# 14CXN76 8 Ω

## GENERAL

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

## PARAMETERS

Fs	<b>45 Hz</b>
Re	<b>5.2 Ω</b>
Qes	<b>0.29</b>
Qms	<b>8.5</b>
Qts	<b>0.28</b>
Vas	<b>131 dm<sup>3</sup> (4.63 ft<sup>3</sup>)</b>
Sd	<b>707 cm<sup>2</sup> (109.59 in<sup>2</sup>)</b>
η0	<b>4 %</b>
Xvar	<b>8 mm</b>
Mms	<b>67 g</b>
Bl	<b>18.4 Tm</b>
Le	<b>1 mH</b>
EBP	<b>155 Hz</b>

## SPECIFICATIONS HF UNIT

Nominal Diameter	<b>343 mm (13.5 in)</b>
Nominal Impedance	<b>8 Ω</b>
Minimum Impedance	<b>8.2 Ω</b>
Nominal Power Handling	<b>80 W</b>
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	<b>160 W</b>
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	<b>105 dB</b>
Applied RMS Voltage is set to 2.83V.	
Recommended Crossover	<b>1.2 kHz</b>
12 dB/oct. or higher slope high-pass filter.	
Voice Coil Diameter	<b>75 mm (3 in)</b>
Winding Material	<b>Aluminium</b>
Inductance	<b>0.14 mH</b>
Flux Density	<b>1.8 T</b>
Diaphragm Material	<b>Polyester/Titanium</b>

## SPECIFICATIONS LF UNIT

Nominal Diameter	<b>343 mm (13.5 in)</b>
Nominal Impedance	<b>8 Ω</b>
Minimum Impedance	<b>6.5 Ω</b>
Nominal Power Handling	<b>400 W</b>
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	<b>800 W</b>
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	<b>100 dB</b>
Applied RMS Voltage is set to 2.83V.	
Voice Coil Diameter	<b>76 mm (3 in)</b>
Winding Material	<b>Copper</b>
Former Material	<b>Glass Fibre</b>
Winding Depth	<b>16.5 mm (0.65 in)</b>
Magnetic Gap Depth	<b>9 mm (0.35 in)</b>
Flux Density	<b>1.05 T</b>
Woofer Cone Treatment	<b>WP Waterproof Front Side</b>

## DESIGN

Magnet Material	<b>Neodymium Ring</b>
Woofer Cone Treatment	<b>WP Waterproof Front Side</b>

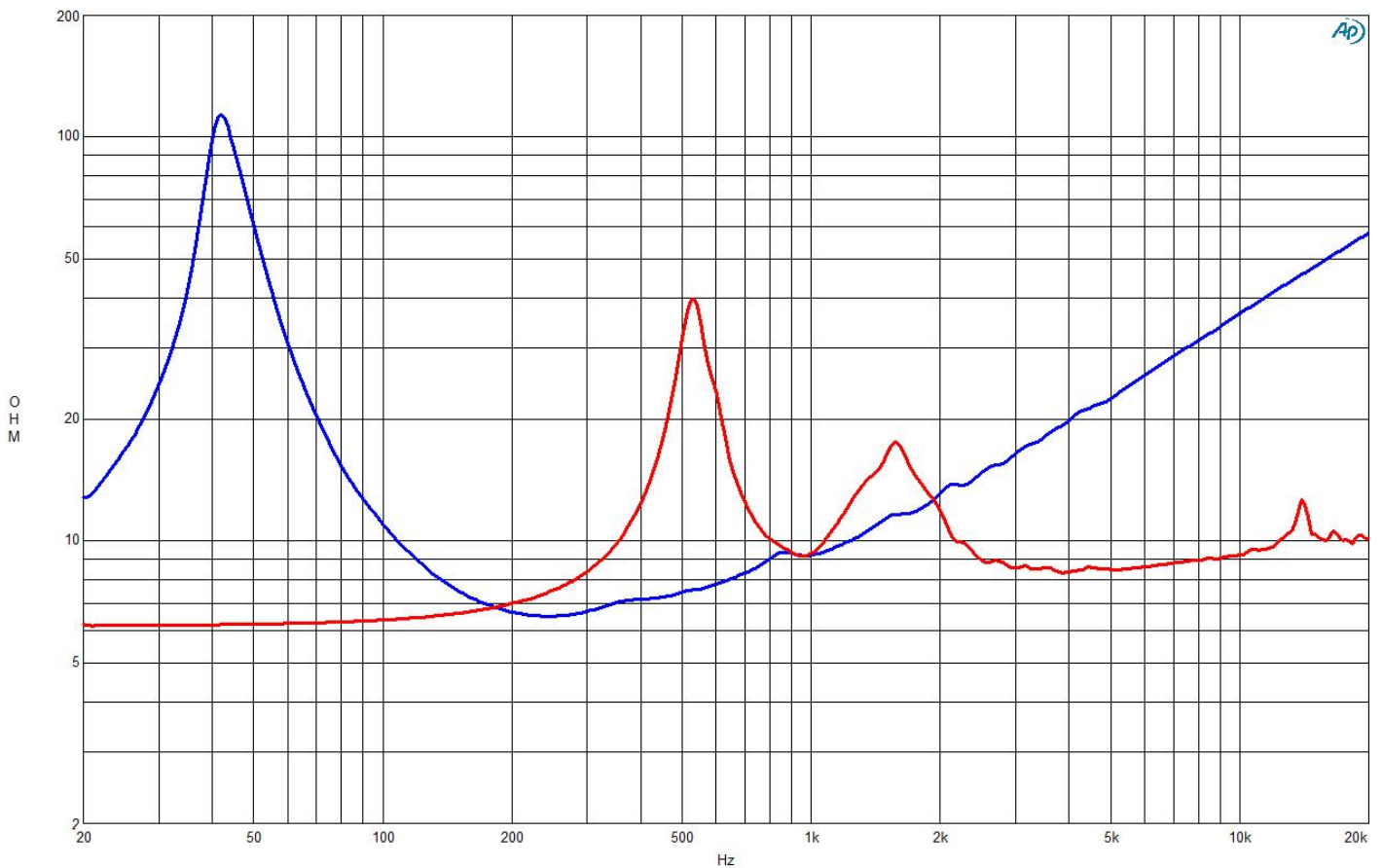
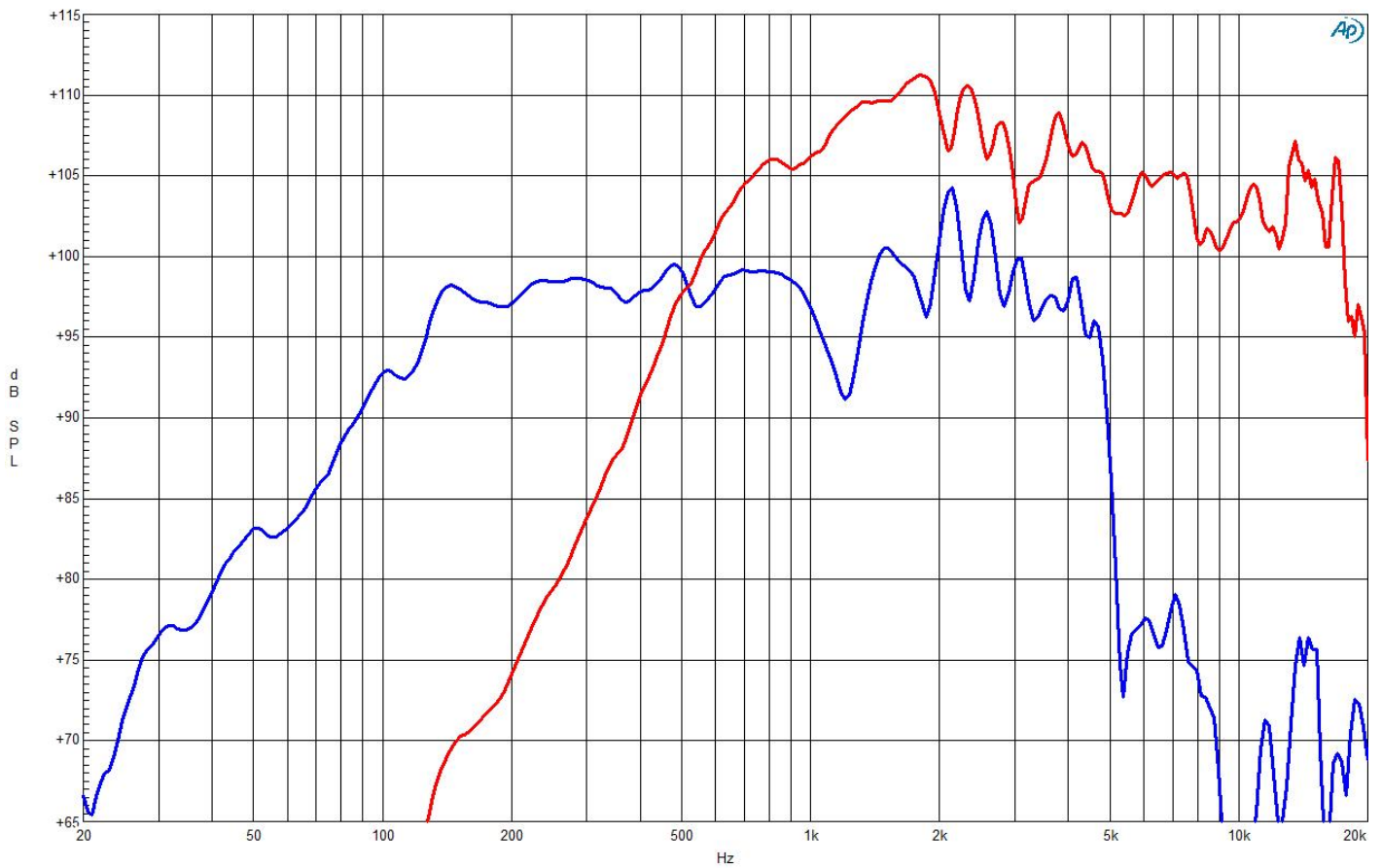
## MOUNTING AND SHIPPING INFO

Overall Diameter	<b>359 mm (14.13 in)</b>
Bolt Circle Diameter	<b>343 mm (13.5 in)</b>
Baffle Cutout Diameter	<b>323 mm (12.72 in)</b>
Depth	<b>188 mm (7.4 in)</b>
Flange and Gasket Thickness	<b>12 mm (0.47 in)</b>
Net Weight	<b>5.6 kg (12.35 lb)</b>
Shipping Units	<b>1 pcs</b>
Shipping Weight	<b>6.9 kg (15.21 lb)</b>
Shipping Box	<b>425x425x224 mm (16.73x16.73x8.82 in)</b>

## SERVICE KITS

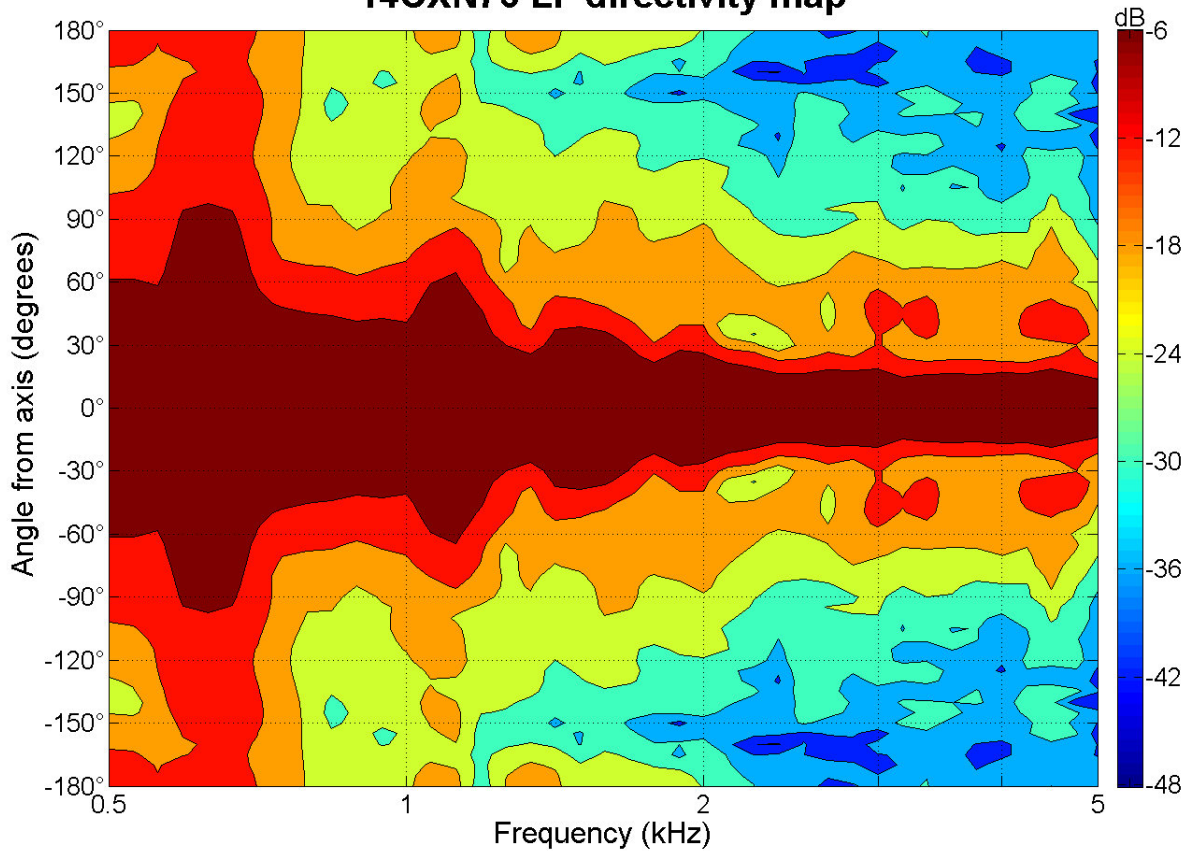
HF replacement-diaphragm	<b>MMD9028M</b>
LF recone-kits	<b>RCK14CXN768</b>

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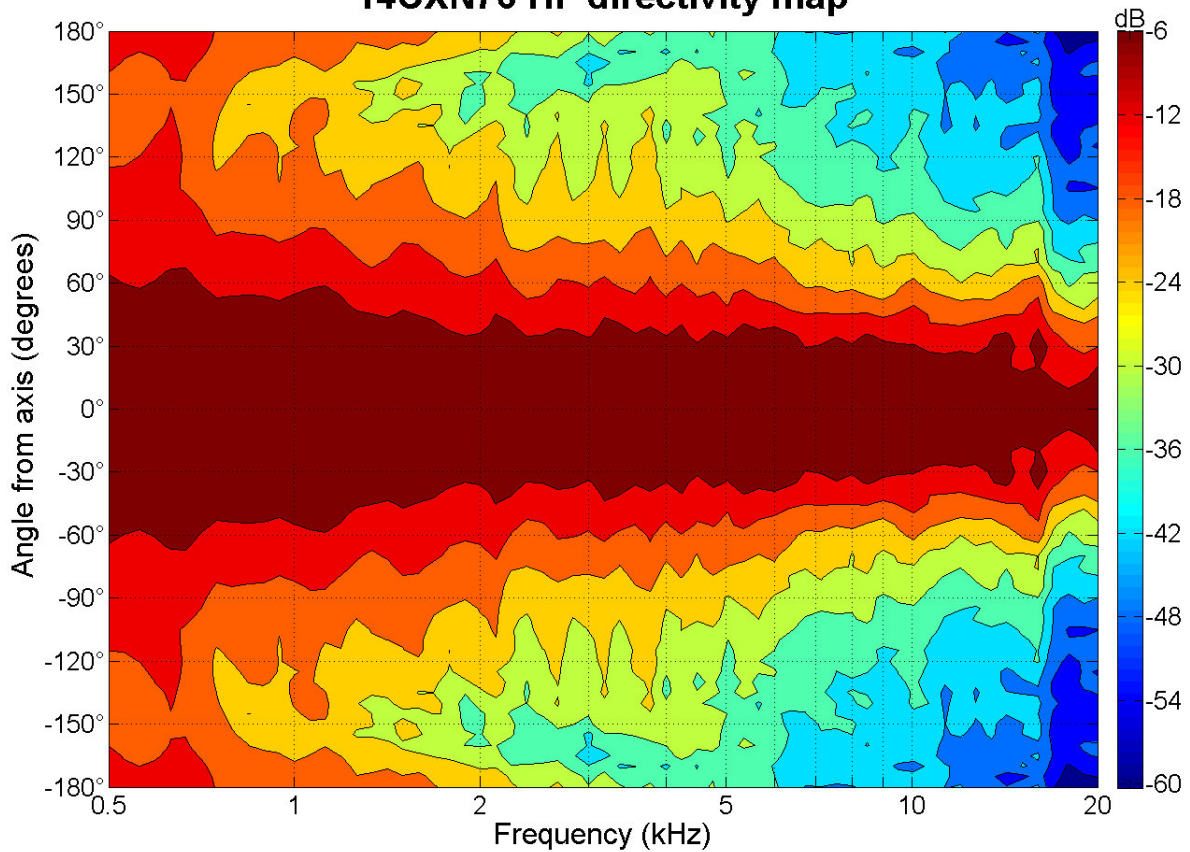


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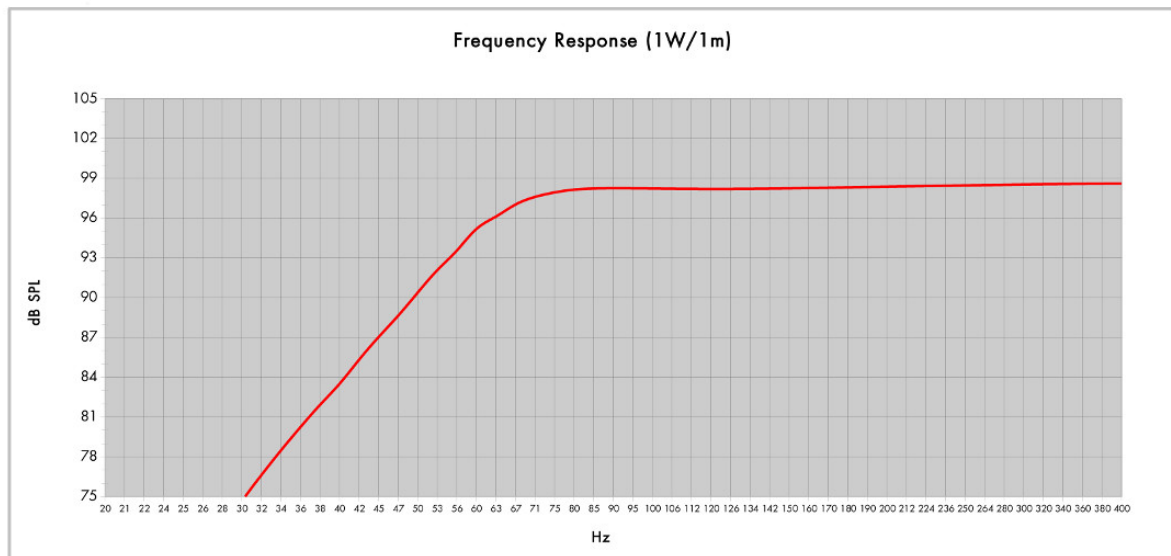
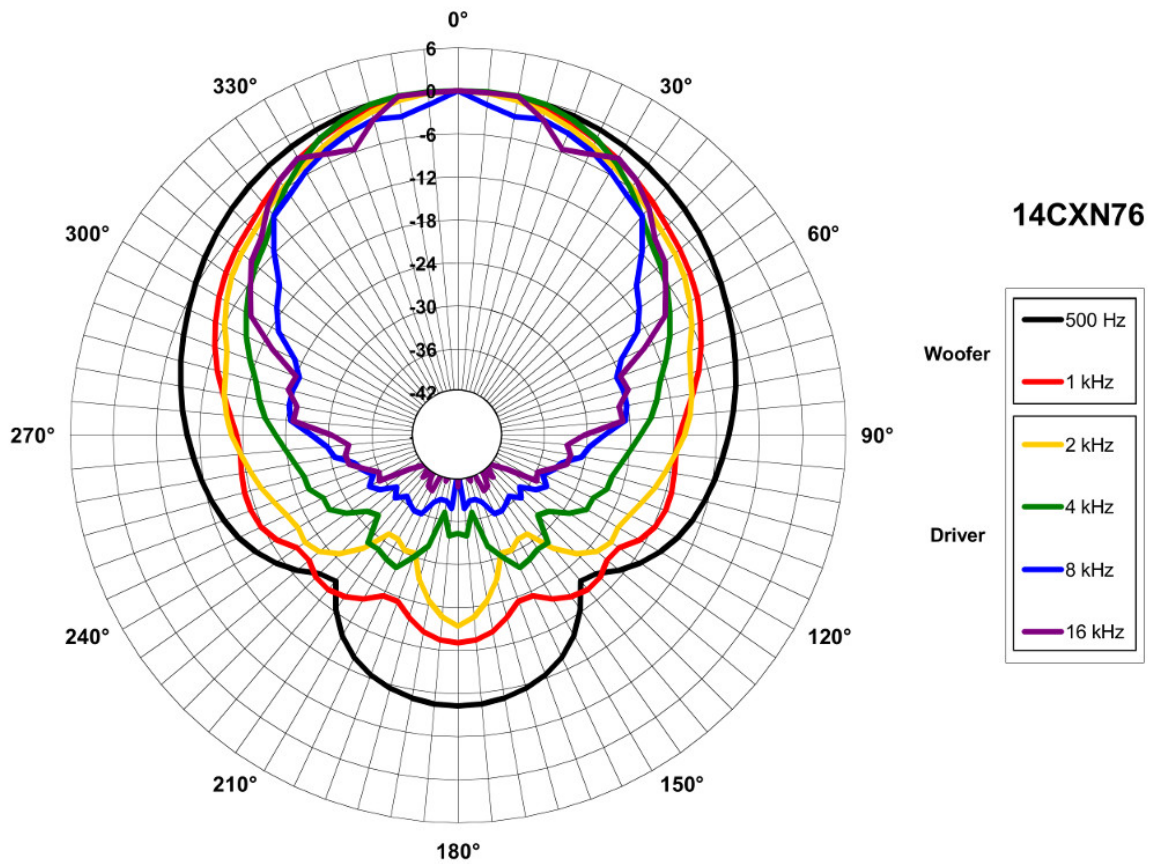
**14CXN76 LF directivity map**



**14CXN76 HF directivity map**



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Model:	<b>14CXN76</b>	Configuration:	<b>One Driver</b>
Enclosure Type:	<b>Bass Reflex</b>	QB:	<b>7</b>
Internal Net Volume (Litres):	<b>65</b>	Port Area (cm <sup>2</sup> ):	<b>222,3</b>
Tuning Frequency (Hz):	<b>60</b>	Port Length (cm):	<b>13,8</b>
Frequency [-3 dB] (Hz):	<b>61,7</b>		
Frequency [-10 dB] (Hz):	<b>47,3</b>		



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