

14CXN76

Coaxials - 14.0 Inches

- 800 W continuous program power capacity
- 80° nominal coverage
- 45 - 18000 Hz response
- 100 dB sensitivity
- 50.5 mm (2") HF unit exit diameter
- Single Neodymium magnet assembly



Specifications

Nominal diameter	355 mm (14.0 in)
Nominal impedance	8 Ω
Minimum impedance lf	6.5 Ω
Minimum impedance hf	8.2 Ω
Frequency range	45 - 18000 Hz
Dispersion angle ¹	80 °
Magnet material	Neodymium Ring

Specifications LF Unit

LF Sensitivity ²	100.0 dB
LF Nominal Power Handling ³	400 W
LF Continuous Power Handling ⁴	800 W
LF Voice Coil Diameter	76 mm (3.0 in)
LF Winding Material	Copper

Specifications HF Unit

HF Sensitivity ⁵	105.0 dB
HF Nominal Power Handling ⁶	80 W
HF Continuous Power Handling ⁷	160 W
HF Voice Coil Diameter	75 mm (3.0 in)

Specifications HF Unit

HF Winding Material	Aluminium
Diaphragm material	Polyester/Titanium
Recommended crossover ⁸	1.2 kHz

Parameters

Fs	45 Hz
Re	5.2 Ω
Qes	0.29
Qms	8.5
Qts	0.28
Vas	131.0 dm ³ (4.63 ft ³)
Sd	707.0 cm ² (109.59 in ²)
η_o	4.0 %
Xmax	6.0 mm
Xvar	8.0 mm
Mms	67 g
Bl	18.4 Txm
Le	1.0 mH
EBP	155 Hz

Mounting And Shipping Info

Overall diameter	359 mm (14.13 in)
Bolt circle diameter	343 mm (13.5 in)
Baffle cutout diameter	323 mm (12.72 in)
Depth	188 mm (7.4 in)
Flange and gasket thickness	12 mm (0.47 in)
Net weight	5.6 kg (12.35 lb)
Shipping weight	7.1 kg (15.65 lb)

Service Kit

Service kit lf	RCK14CXN768
Replacement diaphragm	MMD9028M

1. Included by -6 dB down points.

2. Applied RMS Voltage is set to 2.83V.

3. 2 hours test made with continuous pink noise signal (6 dB crest factor) within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.

4. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.

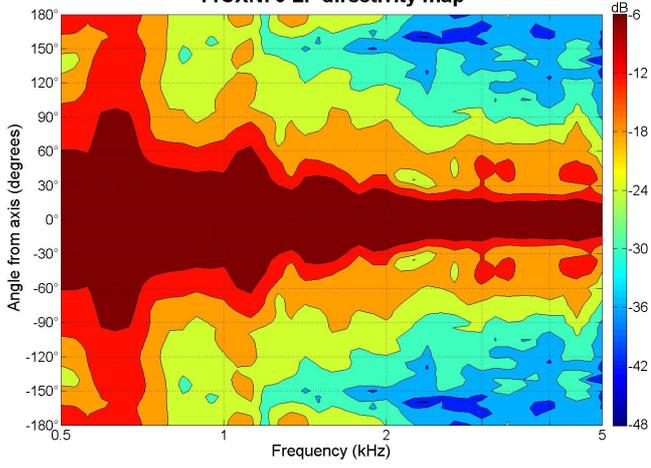
5. Applied RMS Voltage is set to 2.83V.

6. 2 hour test made with continuous pink noise signal (6 dB crest factor) within the range from the recommended crossover frequency to 20 kHz. Power calculated on rated minimum impedance. Loudspeaker in free air.

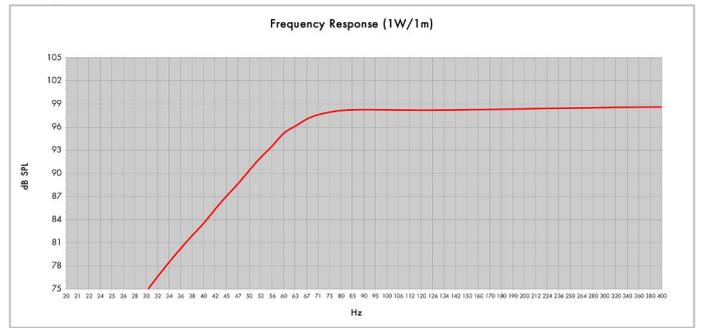
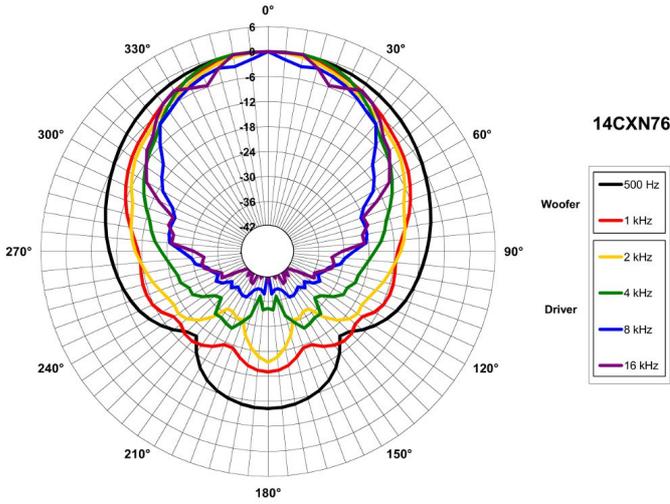
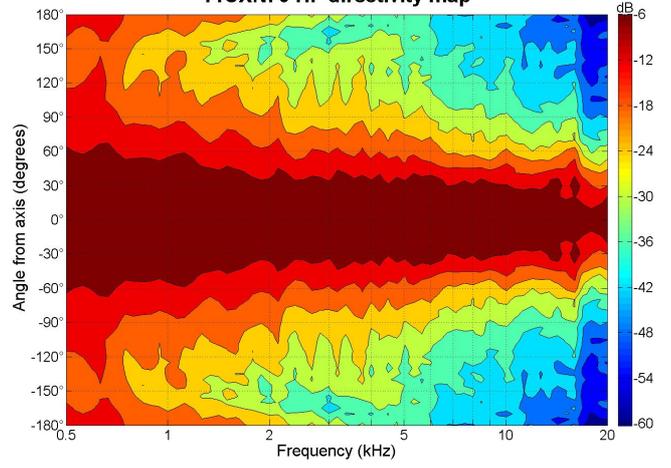
7. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.

8. 12 dB/oct. or higher slope high-pass filter.

14CXN76 LF directivity map



14CXN76 HF directivity map



Model:	14CXN76	Configuration:	One Driver
Enclosure Type:	Bas Reflex	GB:	7
Internal Net Volume (Litres):	65	Tuning Frequency (Hz):	222,3
Frequency (3 dB) (Hz):	61,7	Port Area (cm ²):	13,8
Frequency (10 dB) (Hz):	47,3	Port Length (cm):	13,8