15CXN76 8 Ω

- 800 W continuous program power capacity
- 80° nominal coverage
- 40 - 18000 Hz response
- 99 dB sensitivity
- Single Neodymium magnet assembly
- Compatible with FB15CX40 crossover network





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GENERAL

Nominal Diameter	**380 mm (15 in)**
Nominal Impedance	**8 Ω**
Frequency Range	**40 Hz - 18000 Hz**
Dispersion Angle Included by –6 dB down points.	**80 °**

PARAMETERS

Fs	**38 Hz**
Re	**5.1 Ω**
Qes	**0.3**
Qms	**5.8**
Qts	**0.28**
Vas	**246 dm³ (8.6 ft³)**
Sd	**855 cm² (132.5 in²)**
η0	**3.7 %**
Xvar	**6 mm**
Mms	**82 g**
Bl	**17.8 Tm**
Le	**0.9 mH**
EBP	**127 Hz**

SPECIFICATIONS HF UNIT

Nominal Diameter	**380 mm (15 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**8 Ω**
Nominal Power Handling 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.	**80 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**160 W**
Sensitivity Applied RMS Voltage is set to 2.83V.	**105 dB**
Recommended Crossover 12 dB/oct. or higher slope high-pass filter.	**1.2 kHz**
Voice Coil Diameter	**75 mm (3 in)**
Winding Material	**Aluminium**
Inductance	**0.14 mH**
Flux Density	**1.9 T**
Diaphragm Material	**Polyester/Titanium**

SPECIFICATIONS LF UNIT

Nominal Diameter	**380 mm (15 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6 Ω**
Nominal Power Handling 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.	**400 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**800 W**
Sensitivity Applied RMS Voltage is set to 2.83V.	**99 dB**
Voice Coil Diameter	**76 mm (3 in)**
Winding Material	**Copper**
Former Material	**Glass Fibre**
Winding Depth	**16.5 mm (0.65 in)**
Magnetic Gap Depth	**8 mm (0.31 in)**
Flux Density	**1.15 T**
Woofer Cone Treatment	**WP Waterproof Front Side**

DESIGN

Magnet Material	**Neodymium Ring**
Woofer Cone Treatment	**WP Waterproof Front Side**

MOUNTING AND SHIPPING INFO

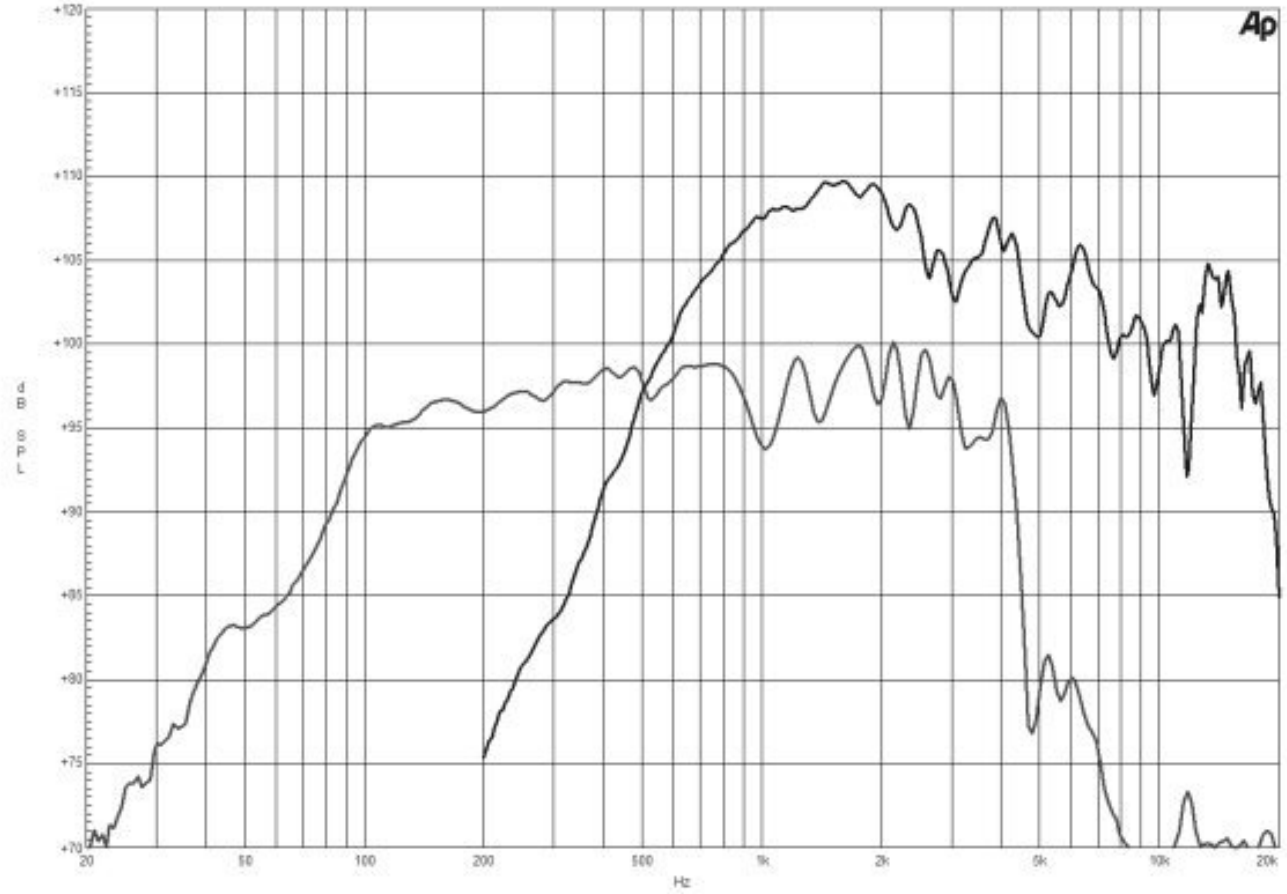
Overall Diameter	**393 mm (15.5 in)**
Bolt Circle Diameter	**374 mm (14.7 in)**
Baffle Cutout Diameter	**354 mm (13.94 in)**
Depth	**198 mm (7.8 in)**
Flange and Gasket Thickness	**16 mm (0.62 in)**
Net Weight	**5.4 kg (11.9 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**7 kg (15.43 lb)**
Shipping Box	**500x495x275 mm (19.69x19.49x10.83 in)**

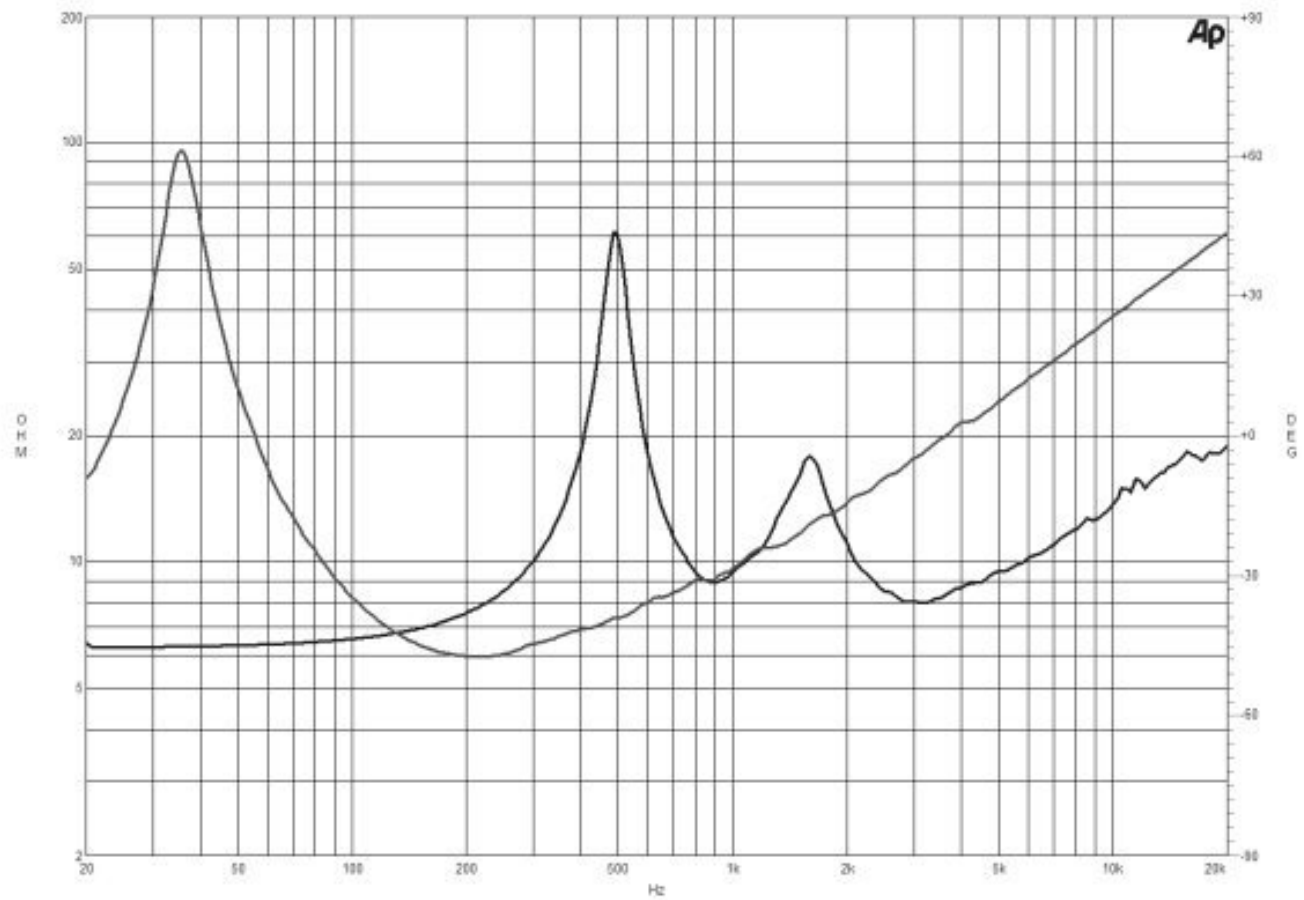
SERVICE KITS

HF replacement-diaphragm	**MMD9028M**
LF recone-kits	**RCK15CXN768**

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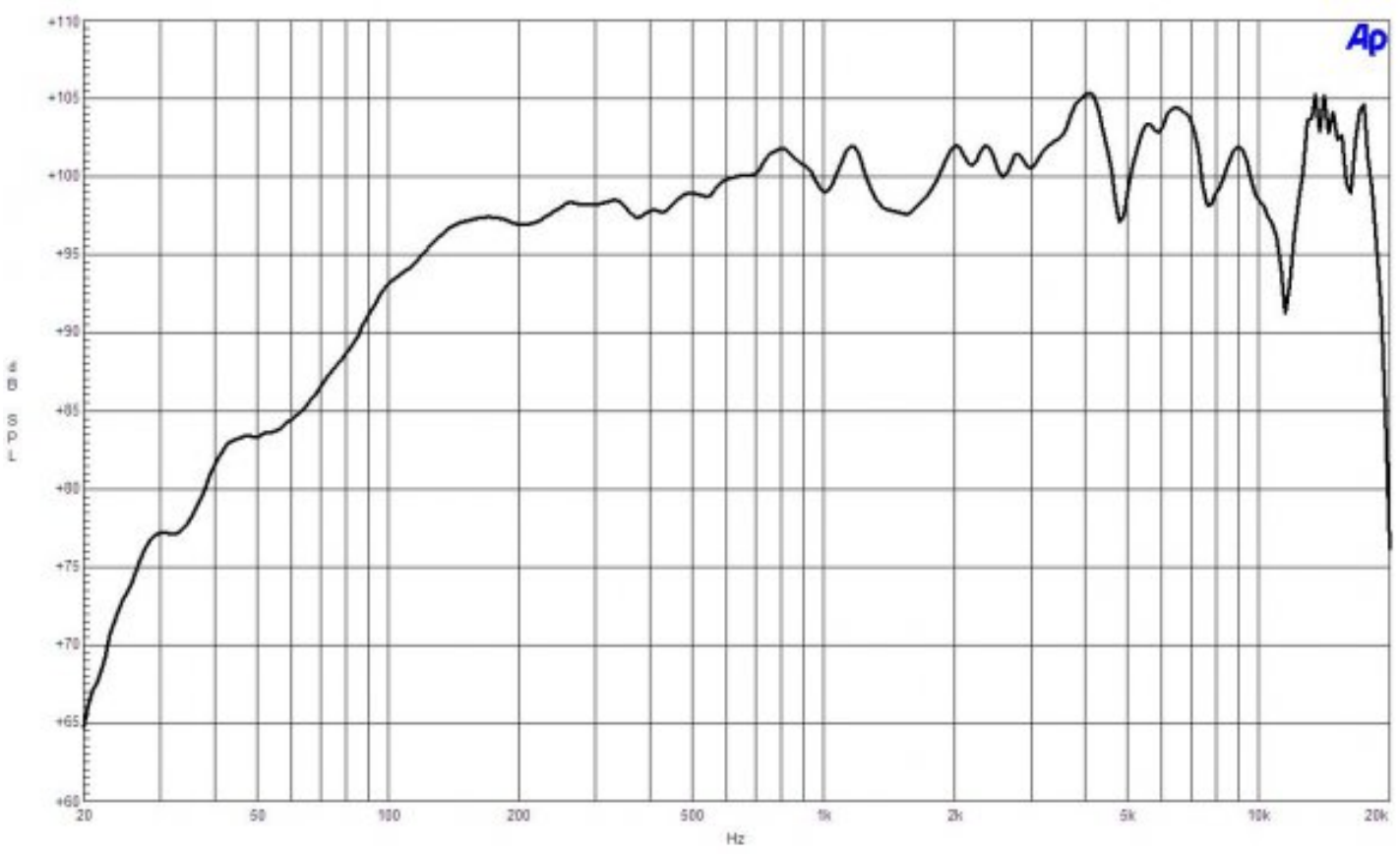
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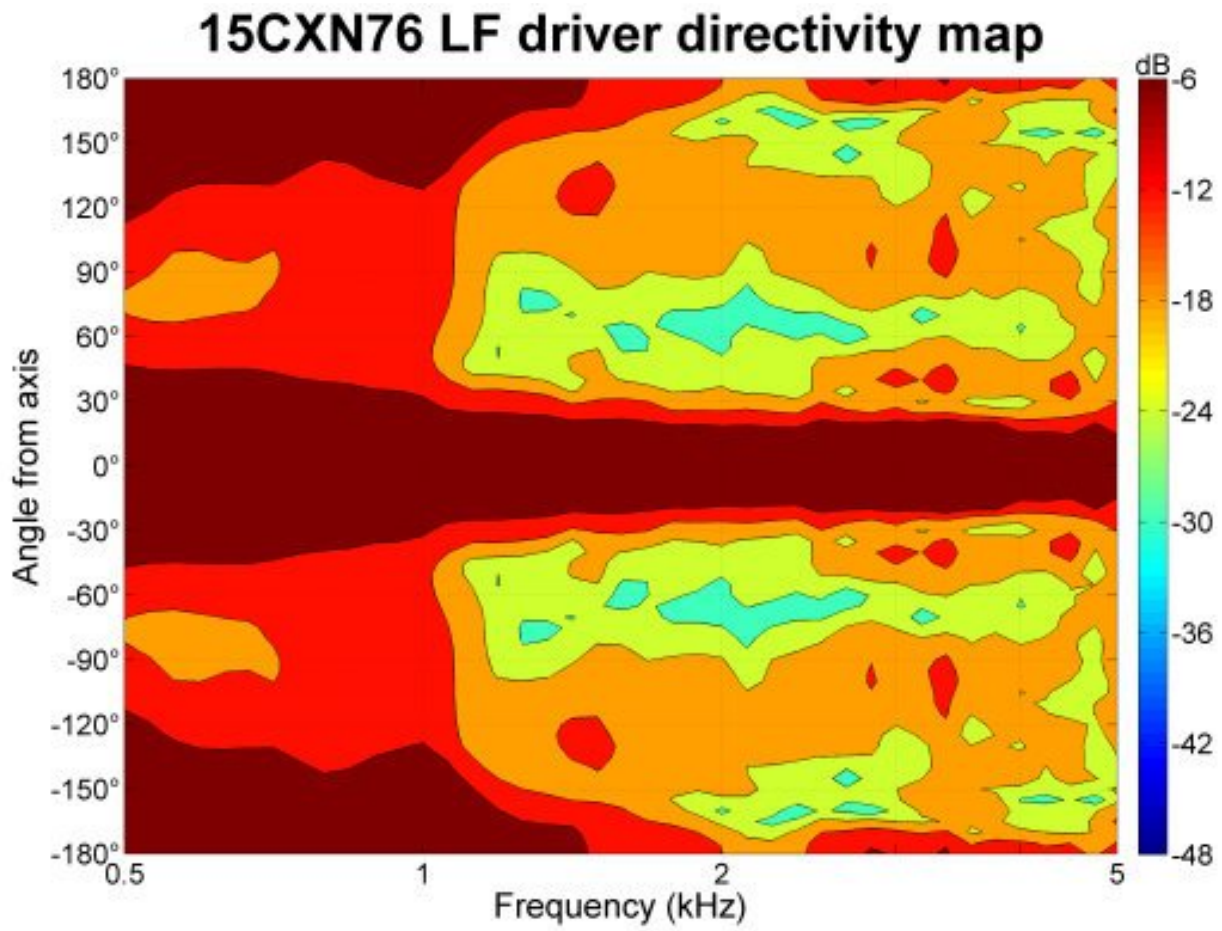




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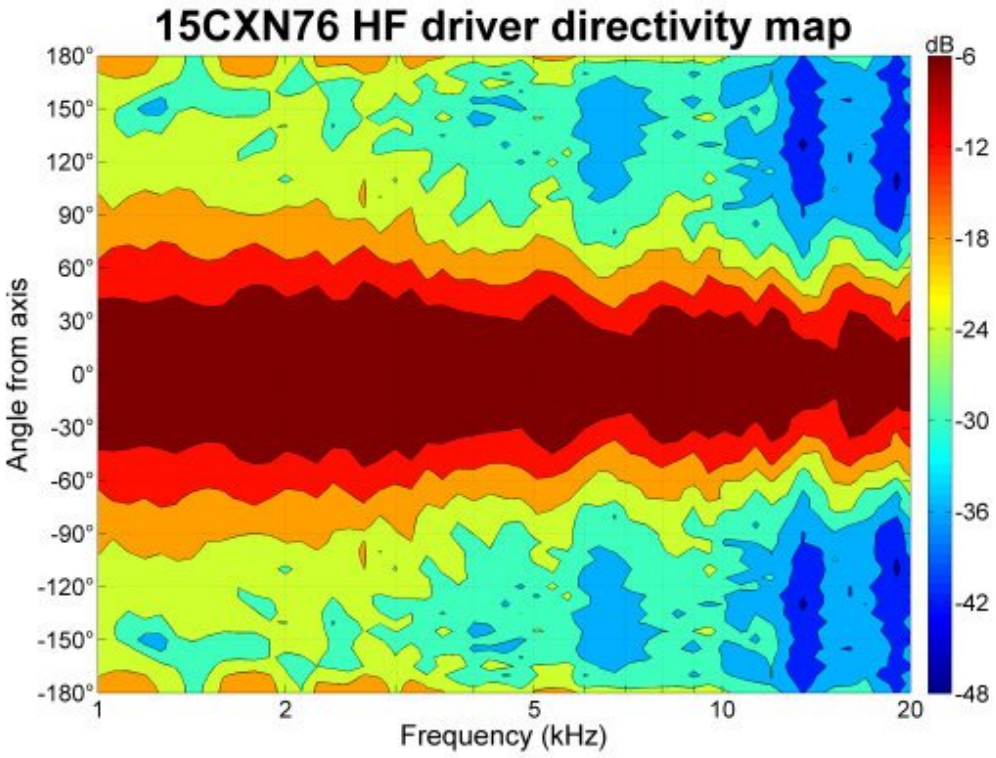
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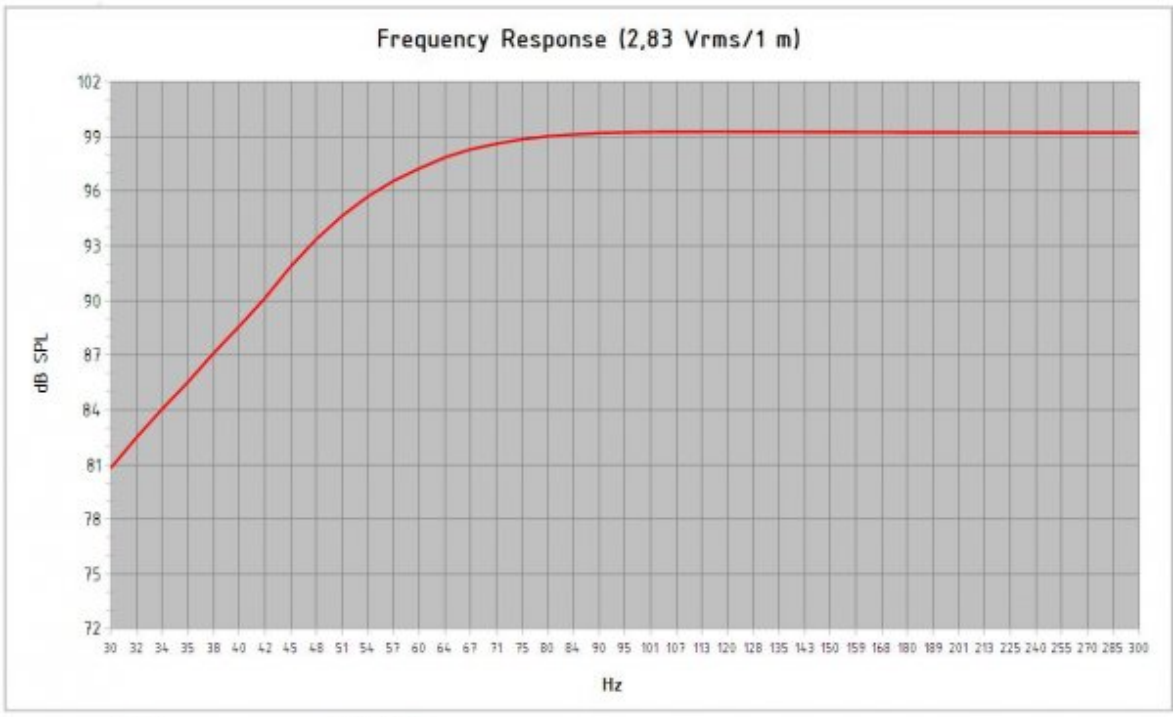




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Model:	***15 CXN 76***			
Enclosure Type:	***Bass Reflex***			
Internal Net Volume (Liters):	***100***			
Tuning Frequency (Hz):	***50***	*Port Area (cm²):*	***169,8***	
Frequency (-3 dB) (Hz):	***55,7***	*Port Length (cm):*	***7,5***	
Excursion Limited Maximum SPL at 1 meter (dB):	***121,3*** *equal to*	***214,5*** *Watts*	*(Bass Band Power Rating)*	
Thermal Limited Maximum SPL at 1 meter (dB):	***124,0*** *equal to*	***400,0*** *Watts*	*(Mid Band Power Rating)*	

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