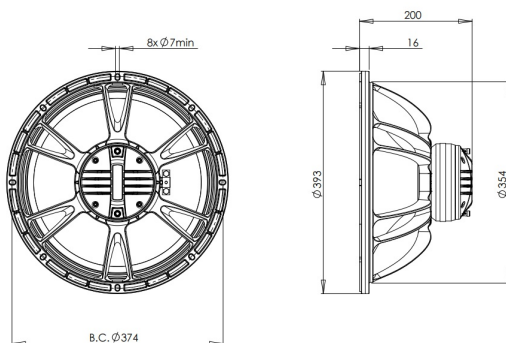


15HCX76

8Ω

Coaxials - 15.0 Inches

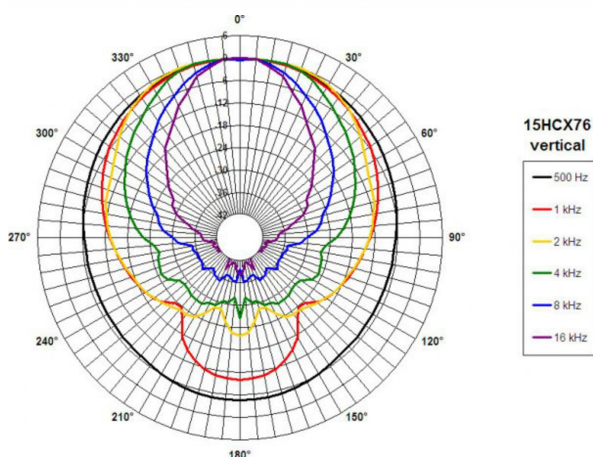
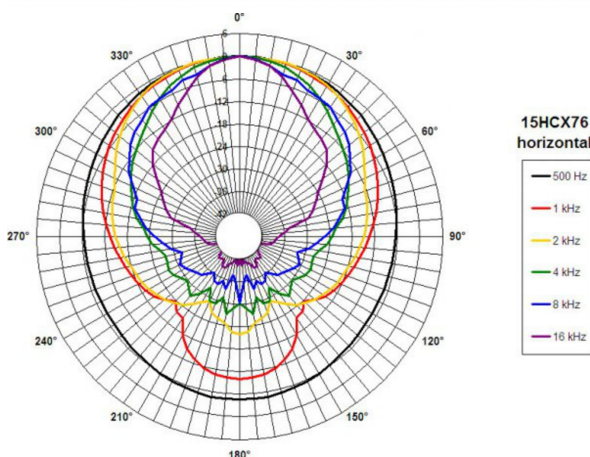
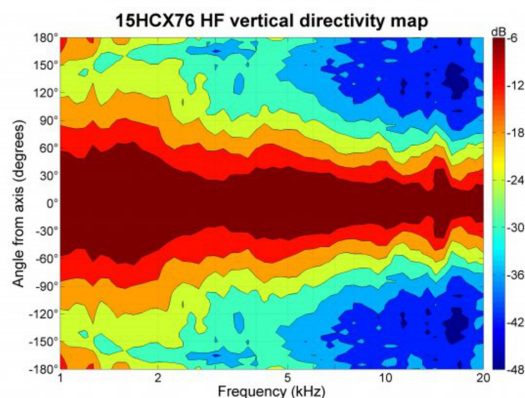
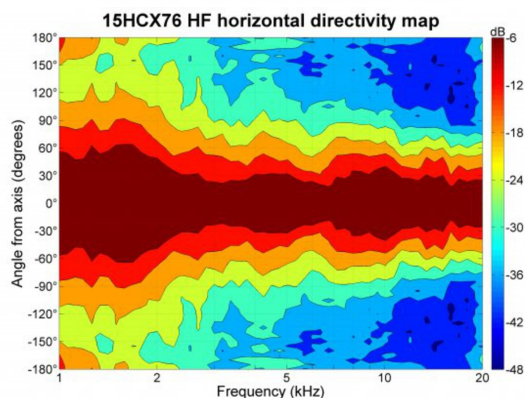
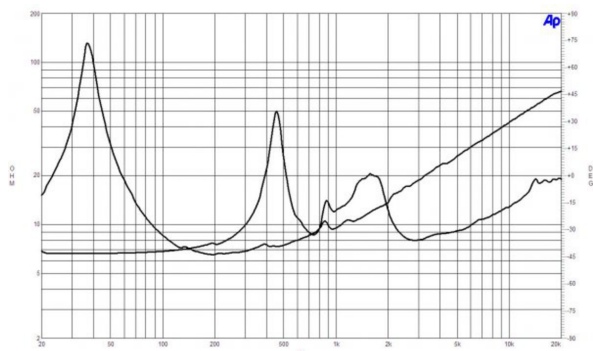
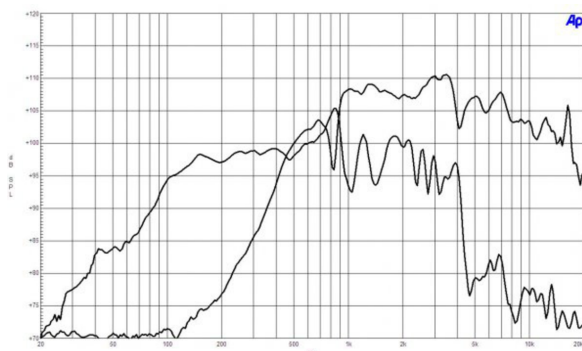


- 99 dB sensitivity
- Single Neodymium magnet assembly
- 800 W continuous program power capacity
- 60°x40° nominal coverage
- 40 - 18000 Hz response
- Modified exponential horn flare for improved acoustic loading and controlled coverage
- 33 mm (1.3") HF unit exit diameter
- Aluminium demodulating ring for very low distortion



15HCX76

Coaxials- 15.0 Inches



SPECIFICATIONS

Nominal Diameter	380 mm (15.0 in)
Nominal Impedance	8 Ω
Minimum Impedance LF	6.0 Ω
Minimum Impedance HF	8.0 Ω
Frequency Range	40 - 18000 Hz
Dispersion Angle ¹	60x40 °
Woofer Cone Treatment	WP Waterproof Front Side
Magnet Material	Neodymium Ring

SPECIFICATIONS LF UNIT

LF Sensitivity ²	99.0 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
LF Flux Density	1.15 T
Former Material	Glass Fibre
Winding Depth	16.5 mm (0.65 in)
Magnetic Gap Depth	8.0 mm (0.31 in)

SPECIFICATIONS HF UNIT

HF Sensitivity ⁵	107.0 dB
HF Nominal Power Handling ⁶	80 W
HF Continuous Power Handling ⁷	160 W
HF Voice Coil Diameter	75 mm (3.0 in)
HF Winding Material	Aluminium
HF Flux Density	1.9 T
Diaphragm Material	Titanium
Recommended Crossover ⁸	1.2 kHz
Inductance	0.14 mH

PARAMETERS		MOUNTING AND SHIPPING INFO		SERVICE KIT	
Resonance Frequency	38 Hz	Overall Diameter	393 mm (15.5 in)	LF recone kit	RCK15HCX768
Re	5.1 Ω	Bolt Circle Diameter	374 mm (14.7 in)	MF replacement diaphragm	MMD3BTN8M
Qes	0.3	Baffle Cutout Diameter	354 mm (13.94 in)		
Qms	5.8	Depth	200 mm (7.87 in)		
Qts	0.28	Flange and Gasket Thickness	16 mm (0.62 in)		
Vas	246.0 dm ³ (8.6 ft ³)	Net Weight	5.6 kg (12.3 lb)		
Sd	855.0 cm ² (132.5 in ²)	Shipping Units	1		
η _e	3.7 %	Shipping Weight	7.2 kg (15.87 lb)		
Xmax	± 4.5 mm	Shipping Box	500x495x275 mm (19.69x19.49x10.83 in)		
Xvar	± 6.0 mm				
Mms	82.0 g				
Bl	17.8 Txm				
Le	0.9 mH				
EBP	126 Hz				

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 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 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.