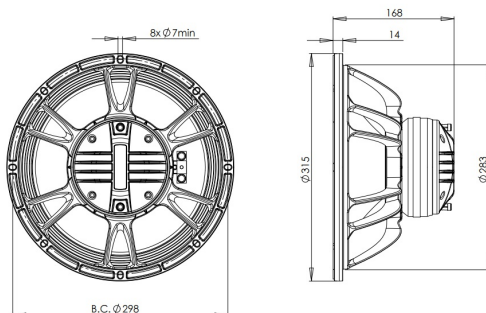


# 12HCX76

8Ω

**Coaxials** - 12.0 Inches

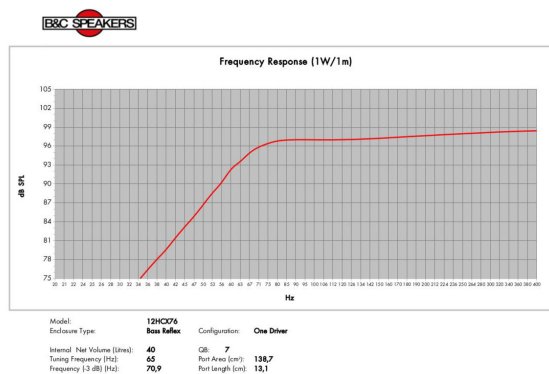
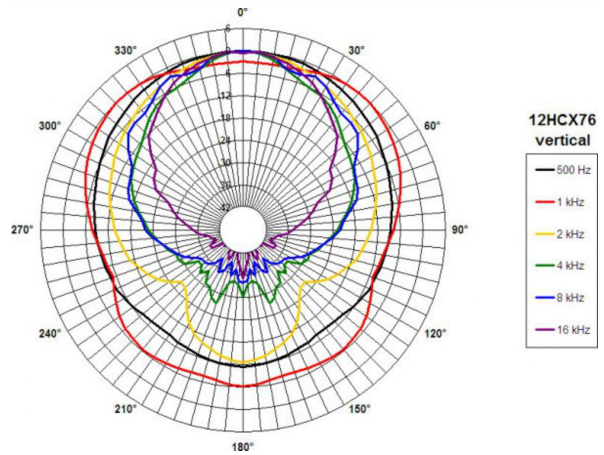
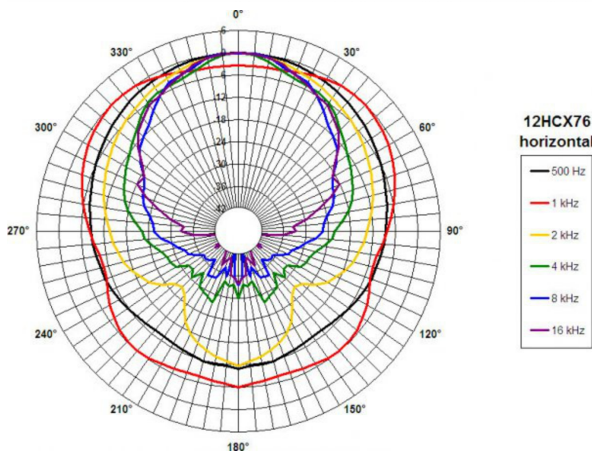
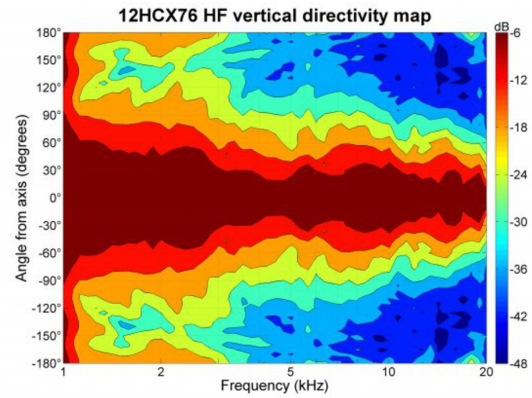
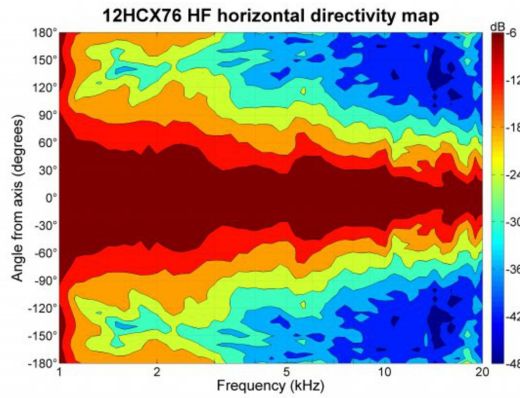
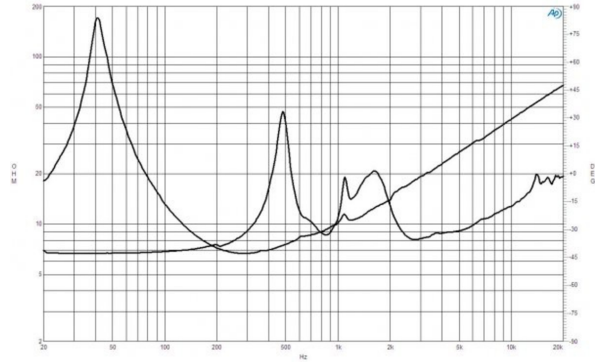
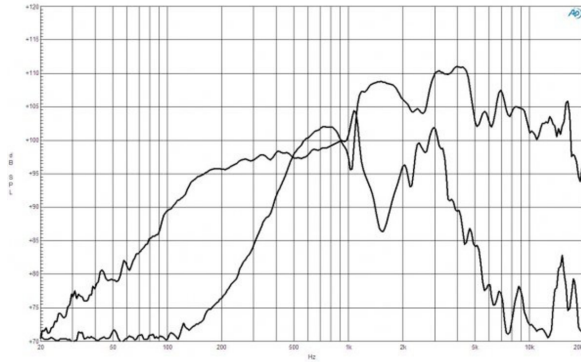


- 700 W continuous program power capacity
- 60°x40° nominal coverage
- 45 - 18000 Hz response
- 99 dB sensitivity
- Single Neodymium magnet assembly
- Modified exponential horn flare for improved acoustic loading and controlled coverage
- 33 mm (1.3") HF unit exit diameter



# 12HCX76

Coaxials- 12.0 Inches



SPECIFICATIONS		SPECIFICATIONS LF UNIT		SPECIFICATIONS HF UNIT	
Nominal Diameter	320 mm (12.0 in)	LF Sensitivity <sup>2</sup>	99.0 dB	HF Sensitivity <sup>5</sup>	107.0 dB
Nominal Impedance	8 Ω	LF Nominal Power Handling <sup>3</sup>	350 W	HF Nominal Power Handling <sup>6</sup>	80 W
Minimum Impedance LF	6.7 Ω	LF Continuous Power Handling <sup>4</sup>	700 W	HF Continuous Power Handling <sup>7</sup>	160 W
Minimum Impedance HF	8.0 Ω	LF Voice Coil Diameter	76 mm (3.0 in)	HF Voice Coil Diameter	75 mm (3.0 in)
Frequency Range	45 - 18000 Hz	LF Winding Material	Copper	HF Winding Material	Aluminium
Dispersion Angle <sup>1</sup>	60°x40° °	LF Flux Density	1.15 T	HF Flux Density	1.9 T
Woofer Cone Treatment	WP Waterproof Front Side	Former Material	Glass Fibre	Diaphragm Material	Titanium
Magnet Material	Neodymium Ring	Winding Depth	16.5 mm (0.65 in)	Recommended Crossover <sup>8</sup>	1.2 kHz
		Magnetic Gap Depth	8.0 mm (0.31 in)	Inductance	0.14 mH
PARAMETERS		MOUNTING AND SHIPPING INFO		SERVICE KIT	
Resonance Frequency	42 Hz	Overall Diameter	315 mm (12.4 in)	LF recone kit	RCK12HCX768
Re	5.0 Ω	Bolt Circle Diameter	298 mm (11.7 in)	MF replacement diaphragm	MMD3BTN8M
Qes	0.2	Baffle Cutout Diameter	283 mm (11.14 in)		
Qms	8.0	Depth	168 mm (6.6 in)		
Qts	0.19	Flange and Gasket Thickness	14 mm (0.55 in)		
Vas	120.0 dm <sup>3</sup> (4.2 ft <sup>3</sup> )	Net Weight	5.2 kg (12.3 lb)		
Sd	522.0 cm <sup>2</sup> (80.9 in <sup>2</sup> )	Shipping Units	1		
ηo	4.1 %	Shipping Weight	6.5 kg (14.33 lb)		
Xmax	± 4.0 mm	Shipping Box	425x425x224 mm (16.73x16.73x8.82 in)		
Xvar	± 6.0 mm				
Mms	47.0 g				
Bl	17.6 Txm				
Le	0.8 mH				
EBP	210 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.