

6FHX51 8 Ω

- 300 W continuous program power capacity
- 70° nominal coverage
- 85 - 18000 Hz response
- 93 dB sensitivity
- 20.1 mm (0.79") HF unit exit diameter



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GENERAL

Nominal Diameter	170 mm (6.5 in)
Nominal Impedance	8 Ω
Frequency Range	85 Hz - 18000 Hz
Dispersion Angle	70 °
Included by -6 dB down points.	

PARAMETERS

Fs	85 Hz
Re	5.5 Ω
Qes	0.4
Qms	7.8
Qts	0.37
Vas	5 dm³ (0.18 ft³)
Sd	132 cm² (20.5 in²)
η0	0.83 %
Xvar	5.7 mm
Mms	16 g
Bl	11.3 Tm
Le	1 mH
EBP	213 Hz

SPECIFICATIONS HF UNIT

Nominal Diameter	170 mm (6.5 in)
Nominal Impedance	8 Ω
Minimum Impedance	7 Ω
Nominal Power Handling	10 W
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	20 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	108.5 dB
Applied RMS Voltage is set to 2.83V.	
Recommended Crossover	2.5 kHz
12 dB/oct. or higher slope high-pass filter.	
Voice Coil Diameter	25 mm (1 in)
Winding Material	Aluminium
Inductance	0.1 mH
Flux Density	1.65 T
Diaphragm Material	Polyester

SPECIFICATIONS LF UNIT

Nominal Diameter	170 mm (6.5 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.5 Ω
Nominal Power Handling	150 W
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	300 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	93 dB
Applied RMS Voltage is set to 2.83V.	
Voice Coil Diameter	51 mm (2 in)
Winding Material	Copper
Former Material	Kapton
Winding Depth	13 mm (0.51 in)
Magnetic Gap Depth	6 mm (0.24 in)
Flux Density	1.05 T
Woofer Cone Treatment	WP Waterproof Front Side

DESIGN

Magnet Material	Ferrite (LF) - Neodym. Ring (HF)
Woofer Cone Treatment	WP Waterproof Front Side

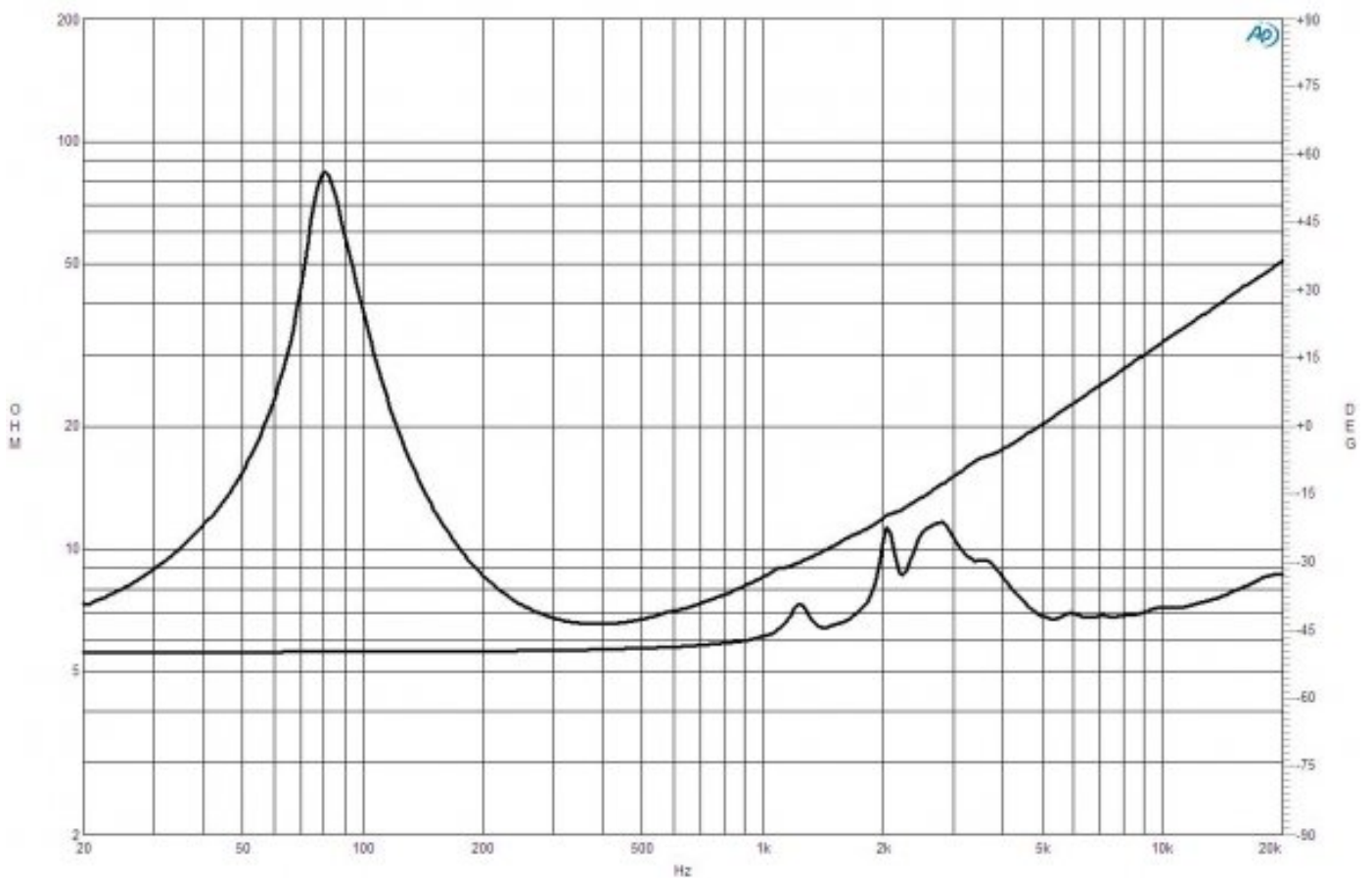
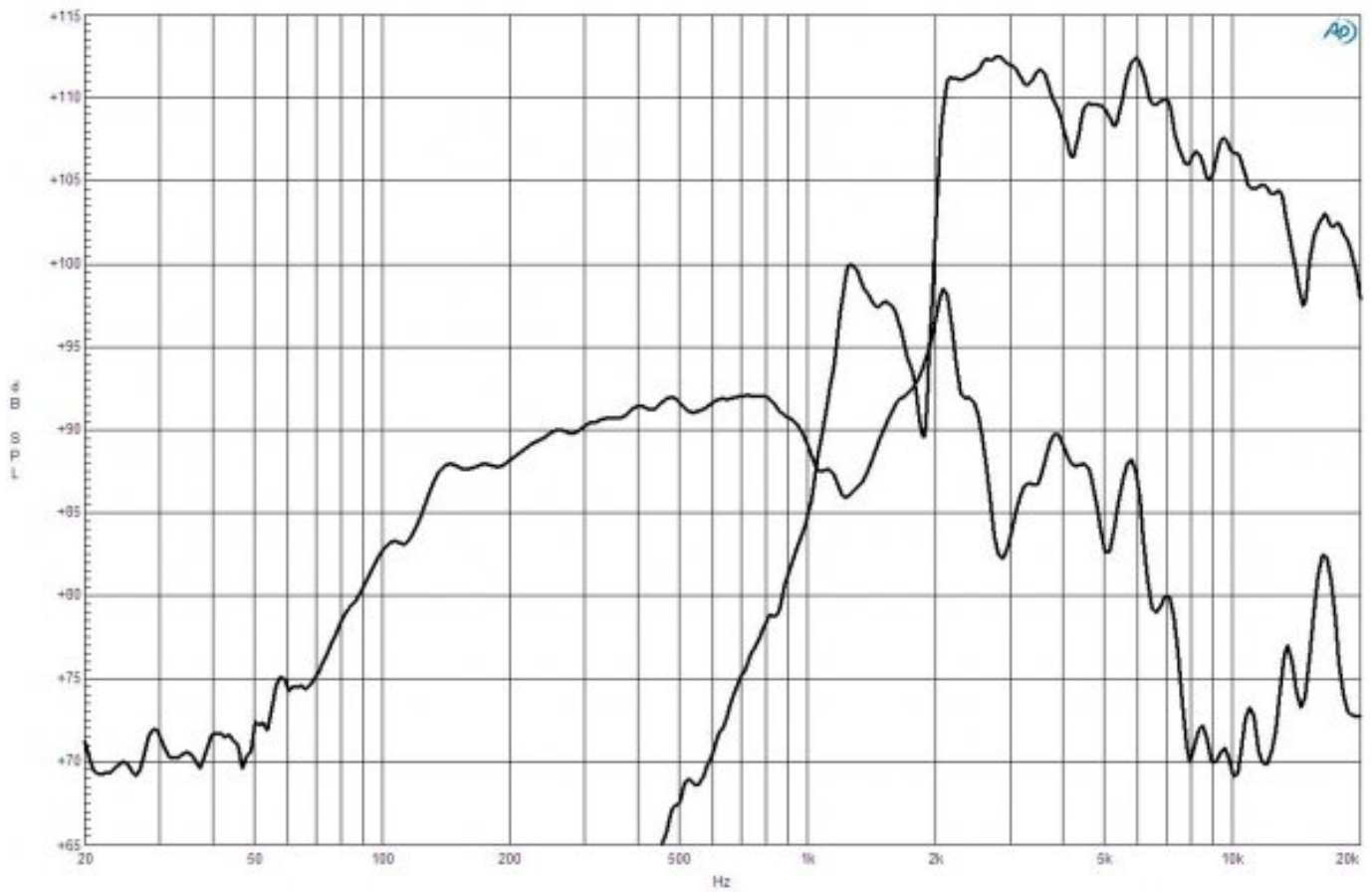
MOUNTING AND SHIPPING INFO

Overall Diameter	187 mm (7.4 in)
Bolt Circle Diameter	172 mm (6.7 in)
Baffle Cutout Diameter	146 mm (5.75 in)
Depth	122 mm (4.8 in)
Flange and Gasket Thickness	12 mm (0.47 in)
Net Weight	2.6 kg (5.73 lb)
Shipping Units	1 pcs
Shipping Weight	3.05 kg (6.72 lb)
Shipping Box	255x255x150 mm (10.04x10.04x5.91 in)

SERVICE KITS

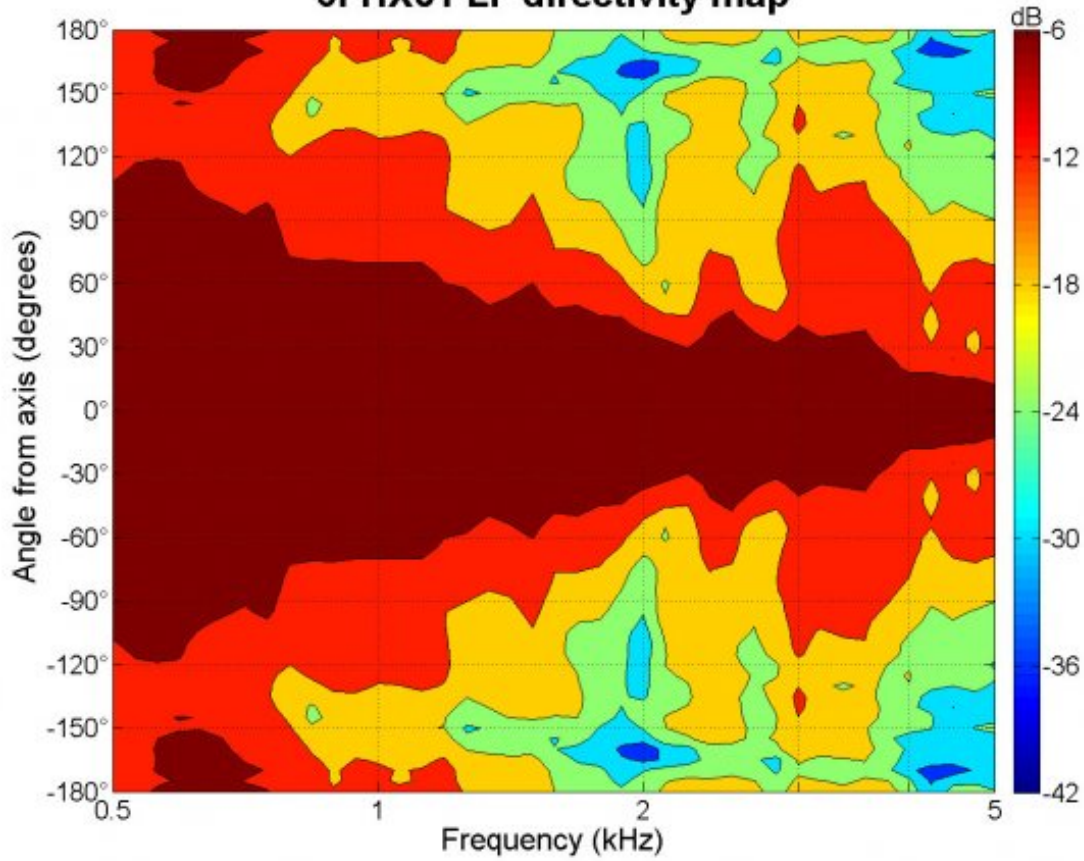
HF replacement-diaphragm	MMDE58
LF recone-kits	RCK06FHX518

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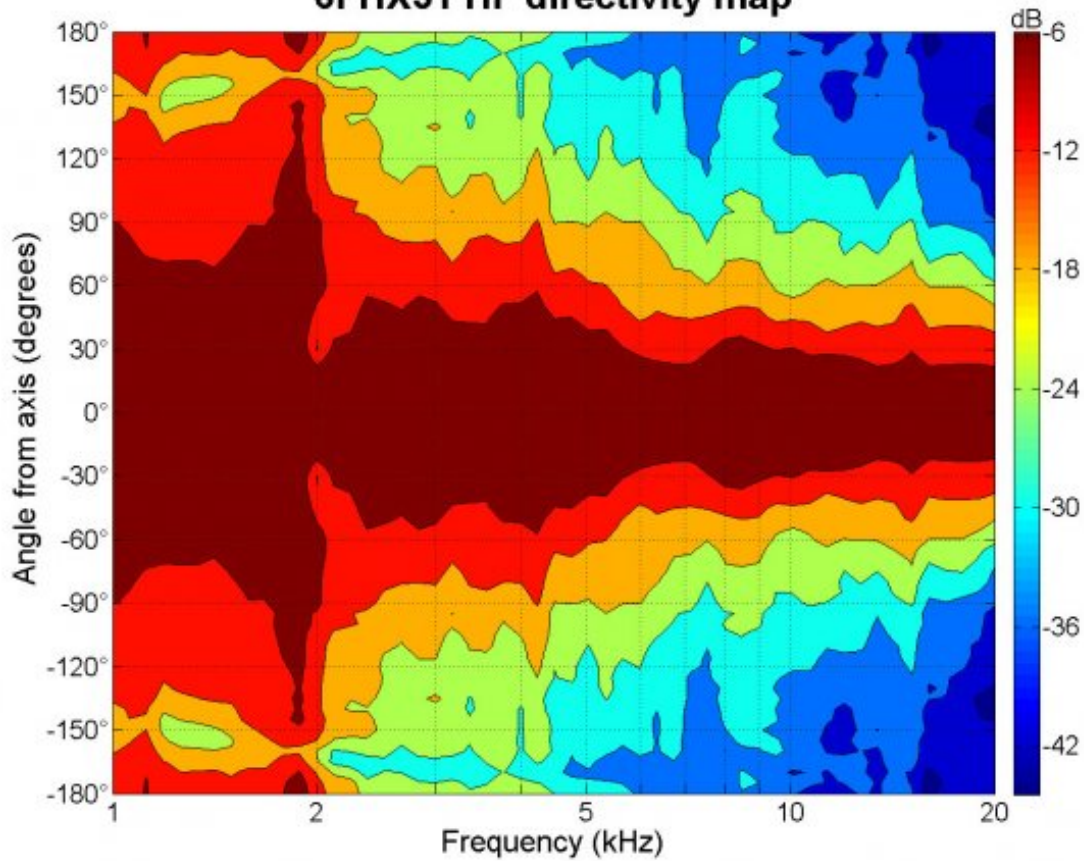


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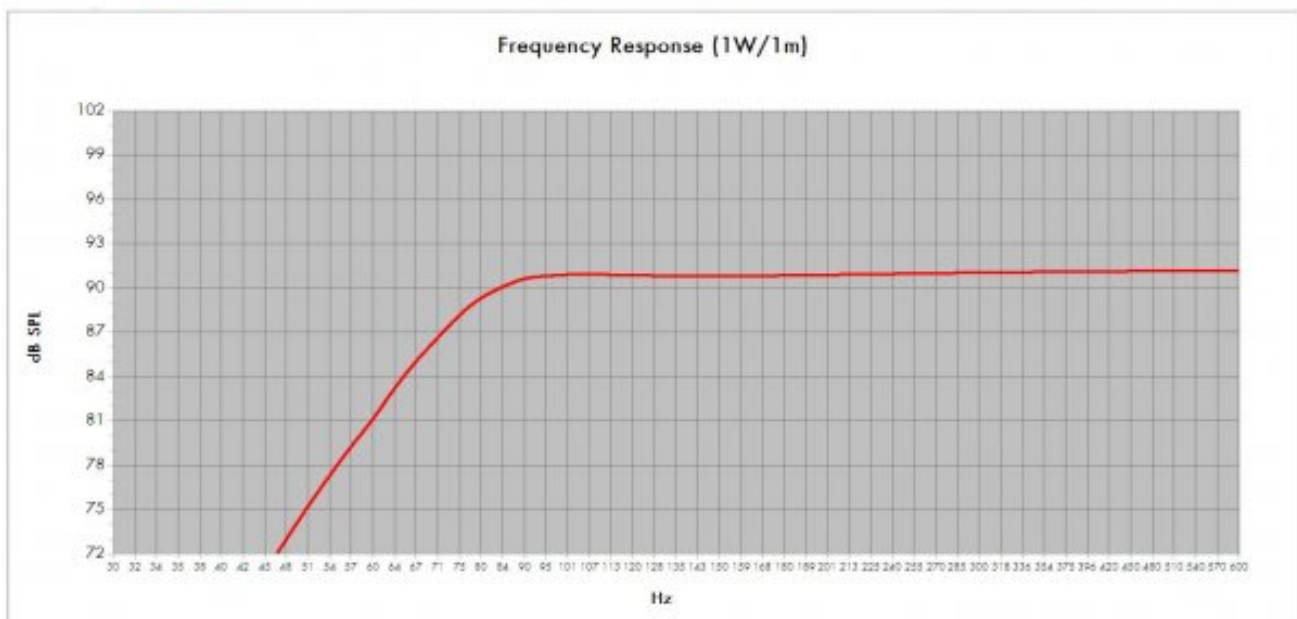
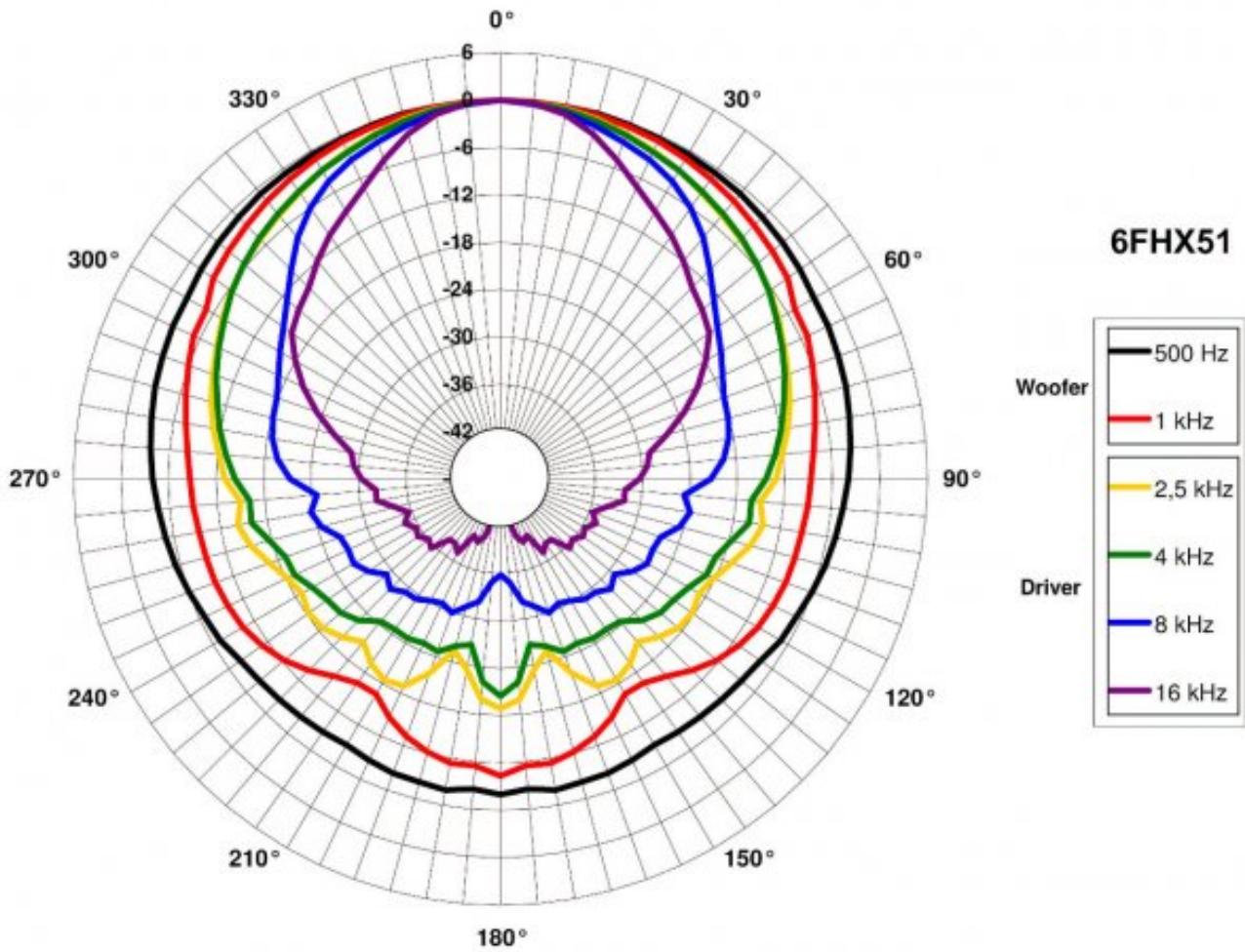
6FHX51 LF directivity map



6FHX51 HF directivity map



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Model:	6FHX51	Configuration:	One Driver
Enclosure Type:	Bass Reflex	GB:	6
Internal Net Volume [Litres]:	7	Port Area [cm ²]:	30,4
Tuning Frequency [Hz]:	80	Port Length [cm]:	15,0
Frequency [-3 dB] [Hz]:	75,4		



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