

10FCX64 8 Ω

- 500 W continuous program power capacity
- 70° nominal coverage
- 65 - 18000 Hz response
- 95 dB sensitivity
- 33 mm (1.3") HF unit exit diameter



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GENERAL

Nominal Diameter	250 mm (10 in)
Nominal Impedance	8 Ω
Frequency Range	65 Hz - 18000 Hz
Dispersion Angle	70 °
Included by -6 dB down points.	

PARAMETERS

Fs	63 Hz
Re	5.5 Ω
Qes	0.44
Qms	7.9
Qts	0.42
Vas	25 dm³ (0.89 ft³)
Sd	320 cm² (49.1 in²)
η0	1.4 %
Xvar	6 mm
Mms	37 g
Bl	13.4 Tm
Le	1.2 mH
EBP	143 Hz

SPECIFICATIONS HF UNIT

Nominal Diameter	250 mm (10 in)
Nominal Impedance	8 Ω
Minimum Impedance	7 Ω
Nominal Power Handling	80 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	160 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	104 dB
Applied RMS Voltage is set to 2.83V.	
Recommended Crossover	1.2 kHz
12 dB/oct. or higher slope high-pass filter.	
Voice Coil Diameter	65 mm (2.5 in)
Winding Material	Aluminium
Inductance	0.15 mH
Flux Density	1.6 T
Diaphragm Material	Titanium

SPECIFICATIONS LF UNIT

Nominal Diameter	250 mm (10 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.4 Ω
Nominal Power Handling	250 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	500 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	95 dB
Applied RMS Voltage is set to 2.83V.	
Voice Coil Diameter	64 mm (2.5 in)
Winding Material	Copper
Former Material	Kapton
Winding Depth	13 mm (0.51 in)
Magnetic Gap Depth	8 mm (0.31 in)
Flux Density	0.96 T
Woofer Cone Treatment	WP Waterproof Front Side

DESIGN

Magnet Material	Ferrite
Woofer Cone Treatment	WP Waterproof Front Side

MOUNTING AND SHIPPING INFO

Overall Diameter	261 mm (10.3 in)
Bolt Circle Diameter	245 mm (9.6 in)
Baffle Cutout Diameter	233 mm (9.17 in)
Depth	140 mm (5.51 in)
Flange and Gasket Thickness	11 mm (0.43 in)
Net Weight	5.6 kg (12.35 lb)
Shipping Units	1 pcs
Shipping Weight	6.5 kg (14.33 lb)
Shipping Box	360x360x200 mm (14.17x14.17x7.87 in)

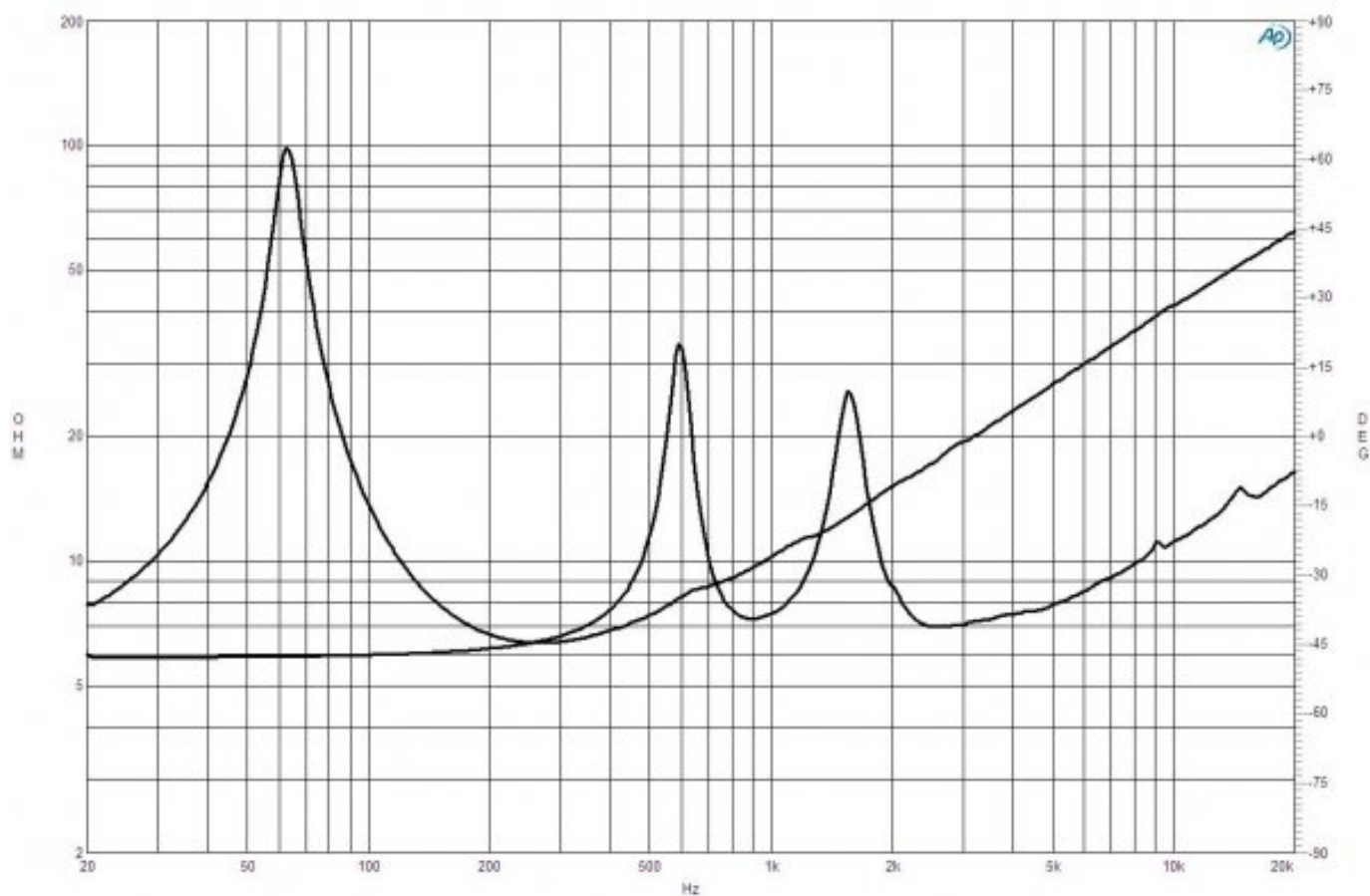
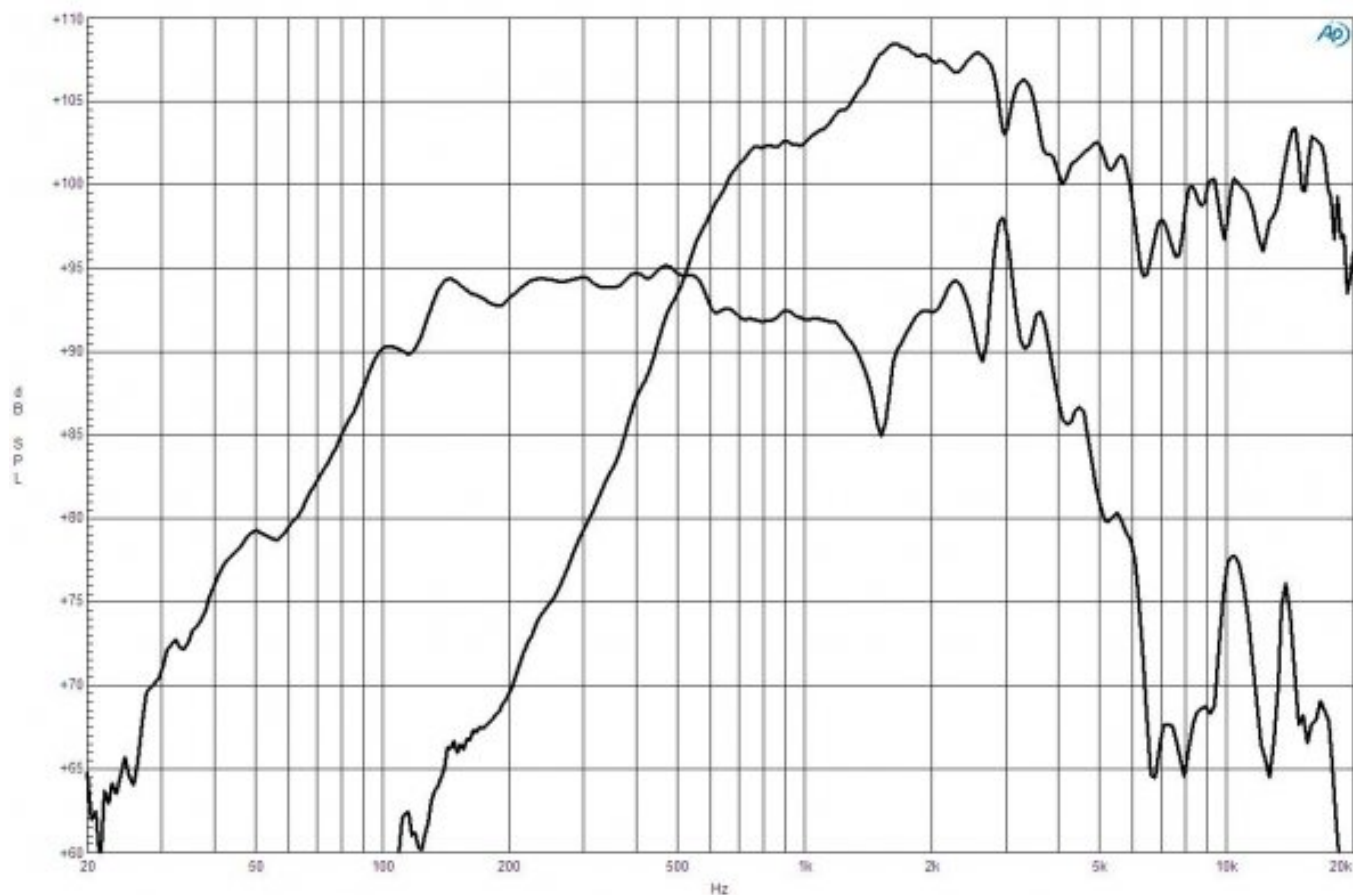
CROSSOVER

FB10CX64	8 Ω
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SERVICE KITS

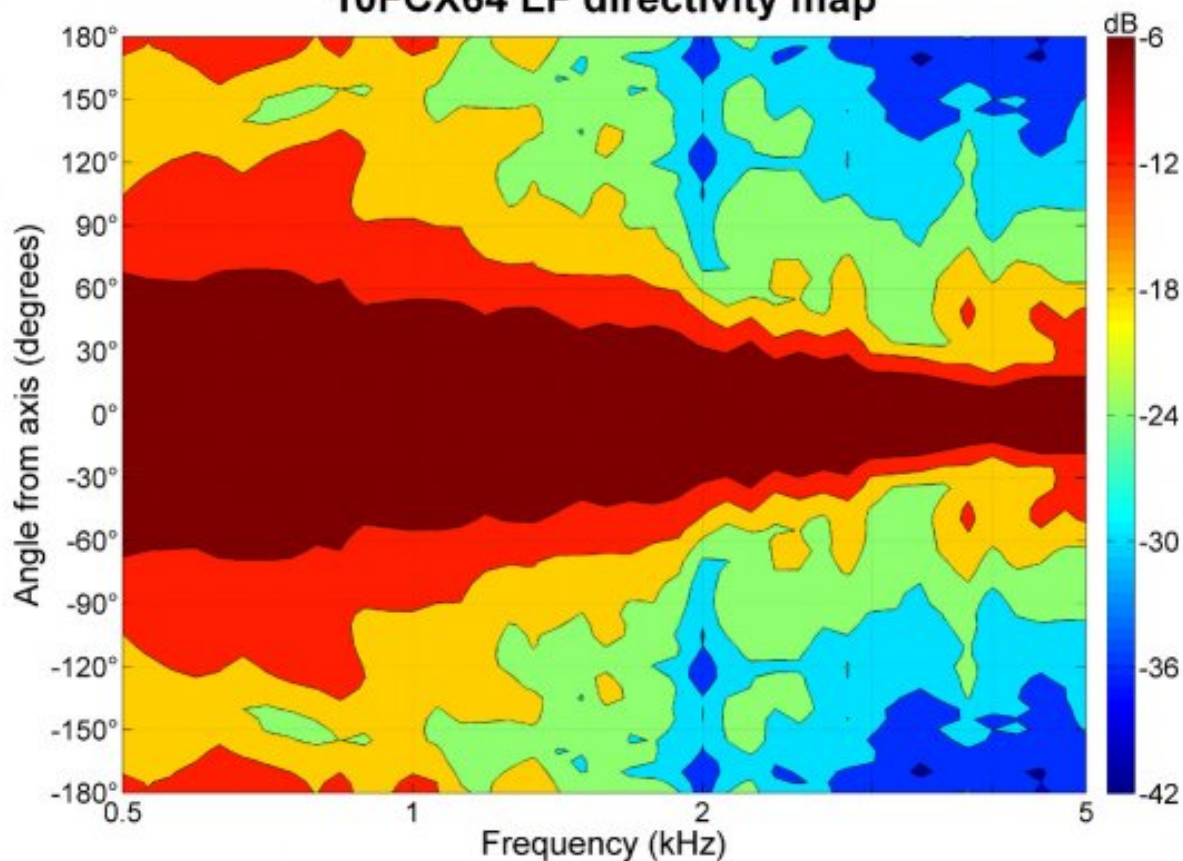
HF replacement-diaphragm	MMD620TN8M
LF recone-kits	RCK10FCX648

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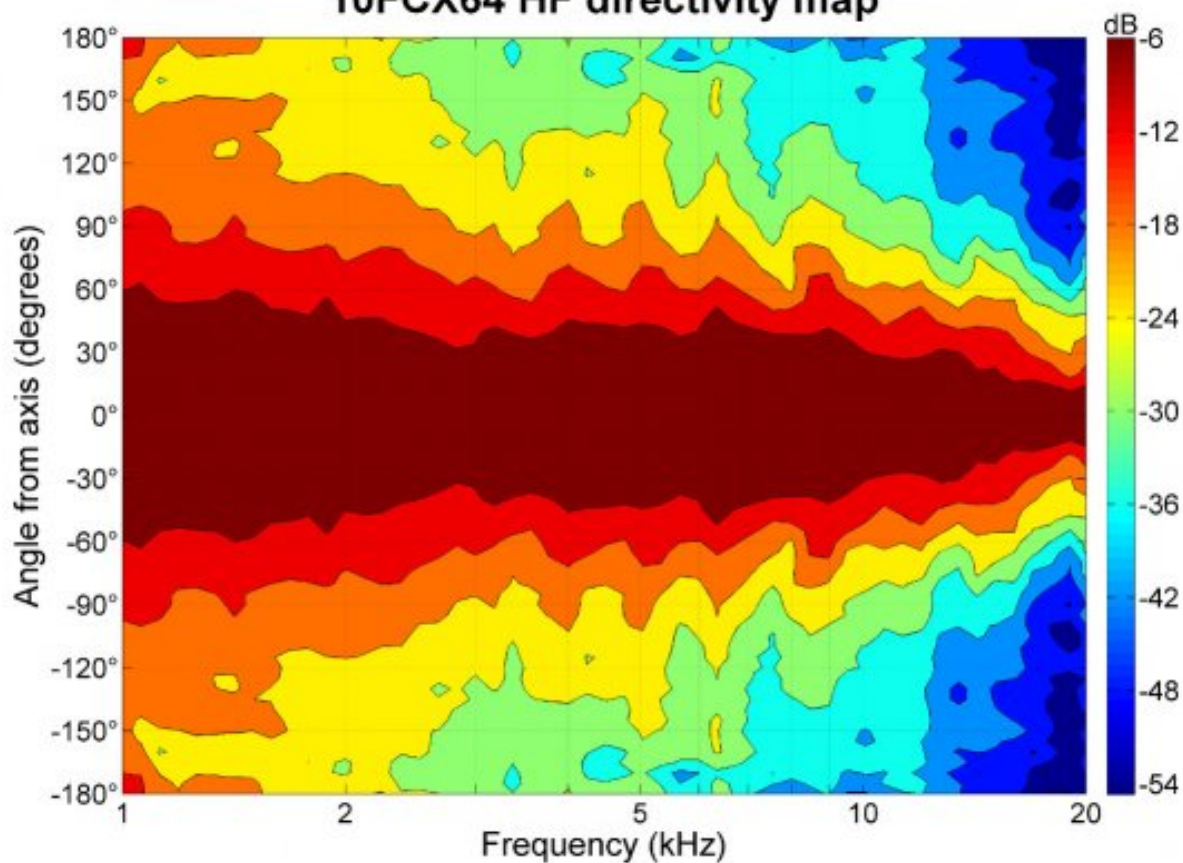


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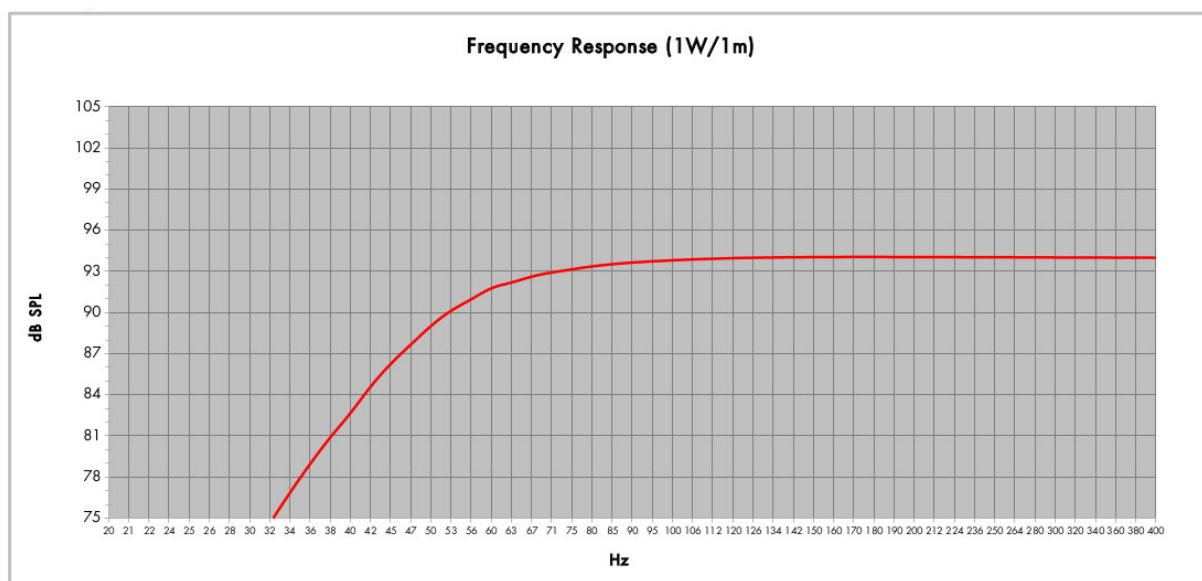
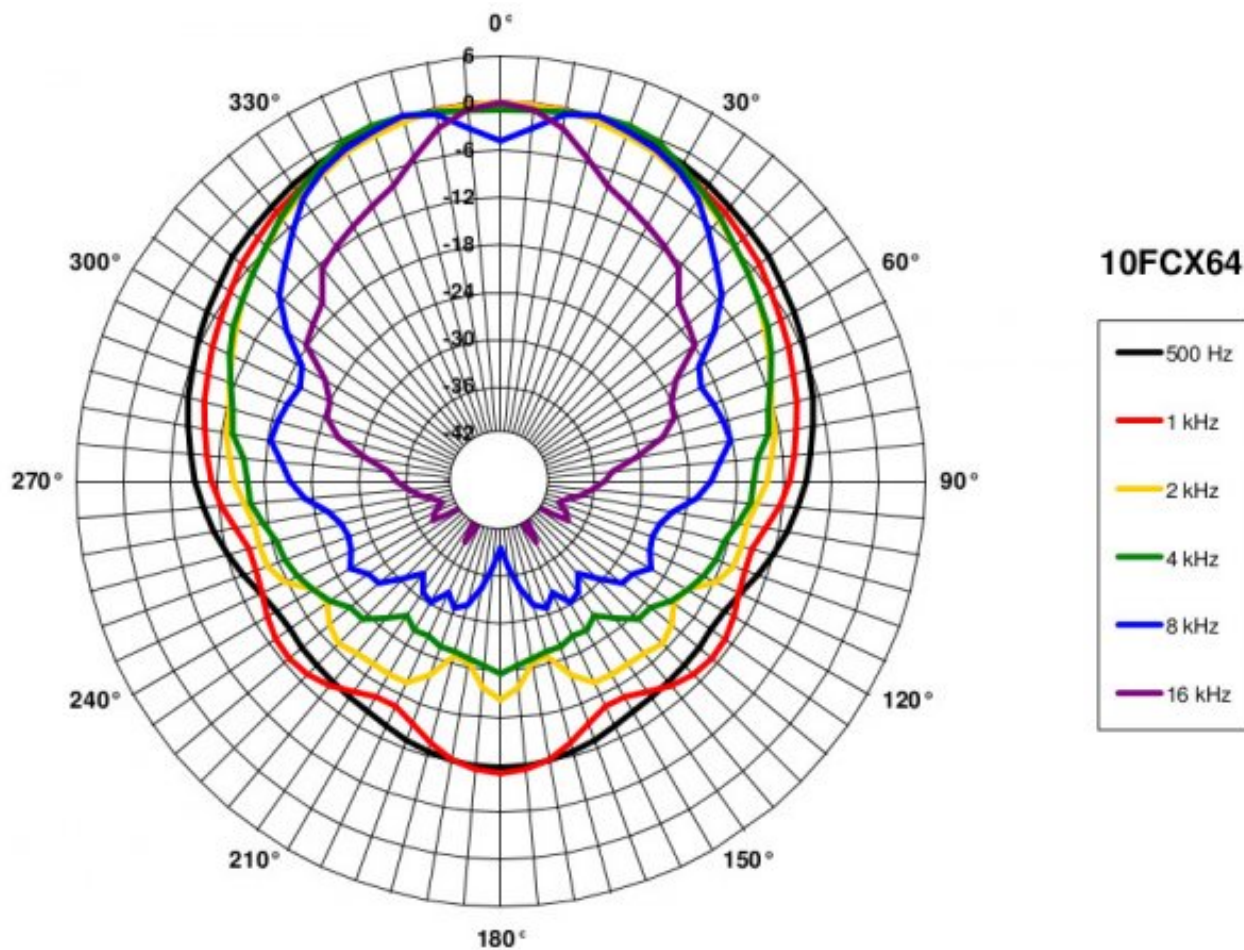
10FCX64 LF directivity map



10FCX64 HF directivity map



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Model:	10FCX64	Configuration:	One Driver
Enclosure Type:	Bass Reflex		
Internal Net Volume (Litres):	30	QB:	7
Tuning Frequency (Hz):	55	Port Area (cm²):	60,8
Frequency (-3 dB) (Hz):	56,0	Port Length (cm):	12,5

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