

5FG44 16 Ω

Woofer

- 200 W continuous program power capacity
- 44 mm (1.7 in) copper voice coil
- 63 - 6000 Hz response
- 90 dB sensitivity



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SPECIFICATIONS

Nominal Diameter	127 mm (5 in)
Nominal Impedance	16 Ω
Minimum Impedance	12.7 Ω
Nominal Power Handling	100 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	200 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	90 dB
Applied RMS Voltage is set to 4V for 16 ohm Nominal Impedance	
Frequency Range	70 Hz - 6000 Hz
Voice Coil Diameter	44 mm (1.7 in)
Winding Material	Copper
Former Material	Kapton
Winding Depth	9 mm (0.35 in)
Magnetic Gap Depth	6 mm (0.25 in)
Flux Density	1.1 T
Woofers Cone Treatment	WP Waterproof Front Side

PARAMETERS

Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

Fs	70 Hz
Re	11.1 Ω
Qes	0.4
Qms	10.5
Qts	0.39
Vas	5.1 dm³ (0.18 ft³)
Sd	92 cm² (14.26 in²)
η ₀	0.42 %
X _{max}	3 mm
X _{var}	5 mm
M _{ms}	12 g
Bl	11.6 Tm
Le	0.8 mH
EBP	175 Hz

DESIGN

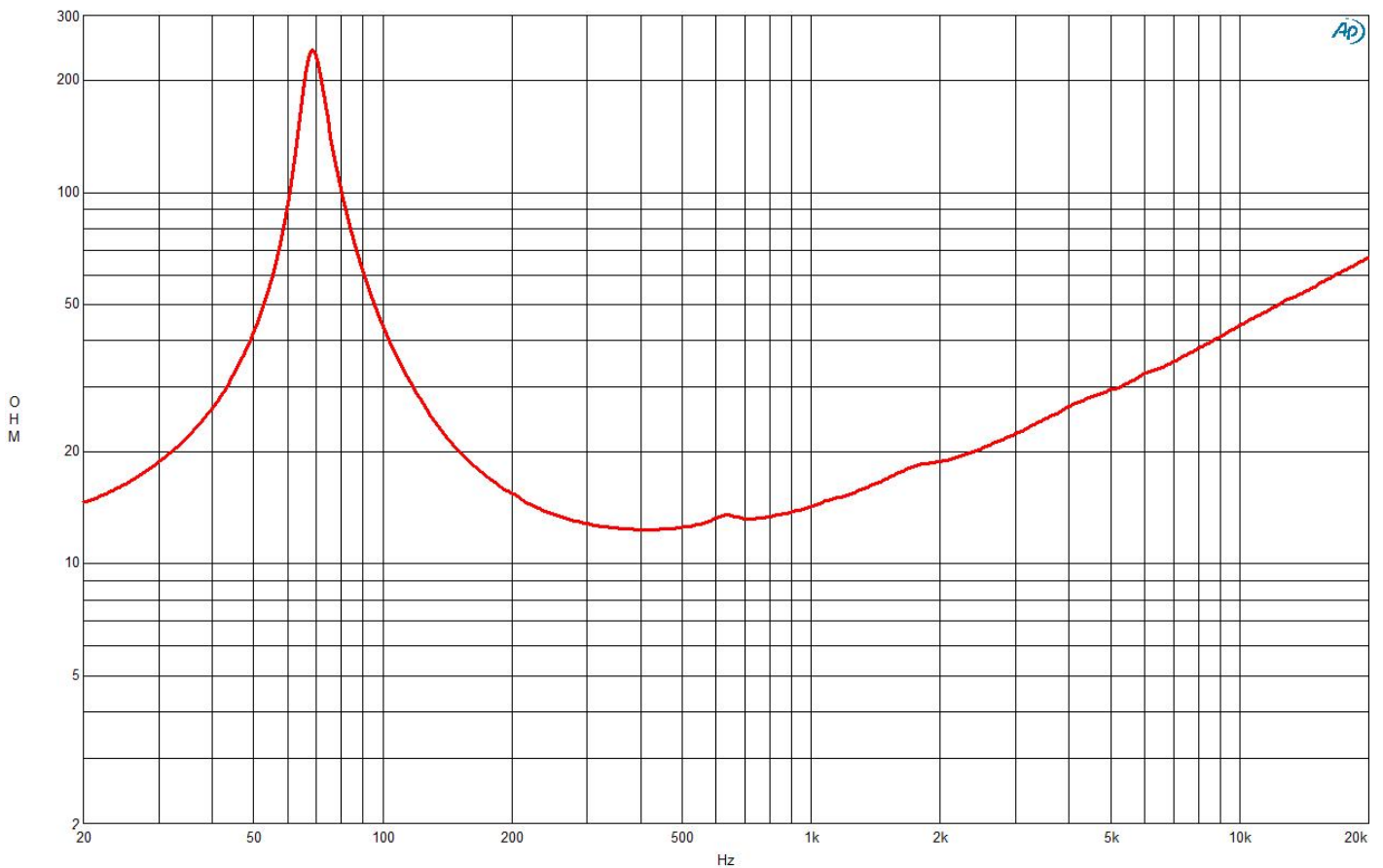
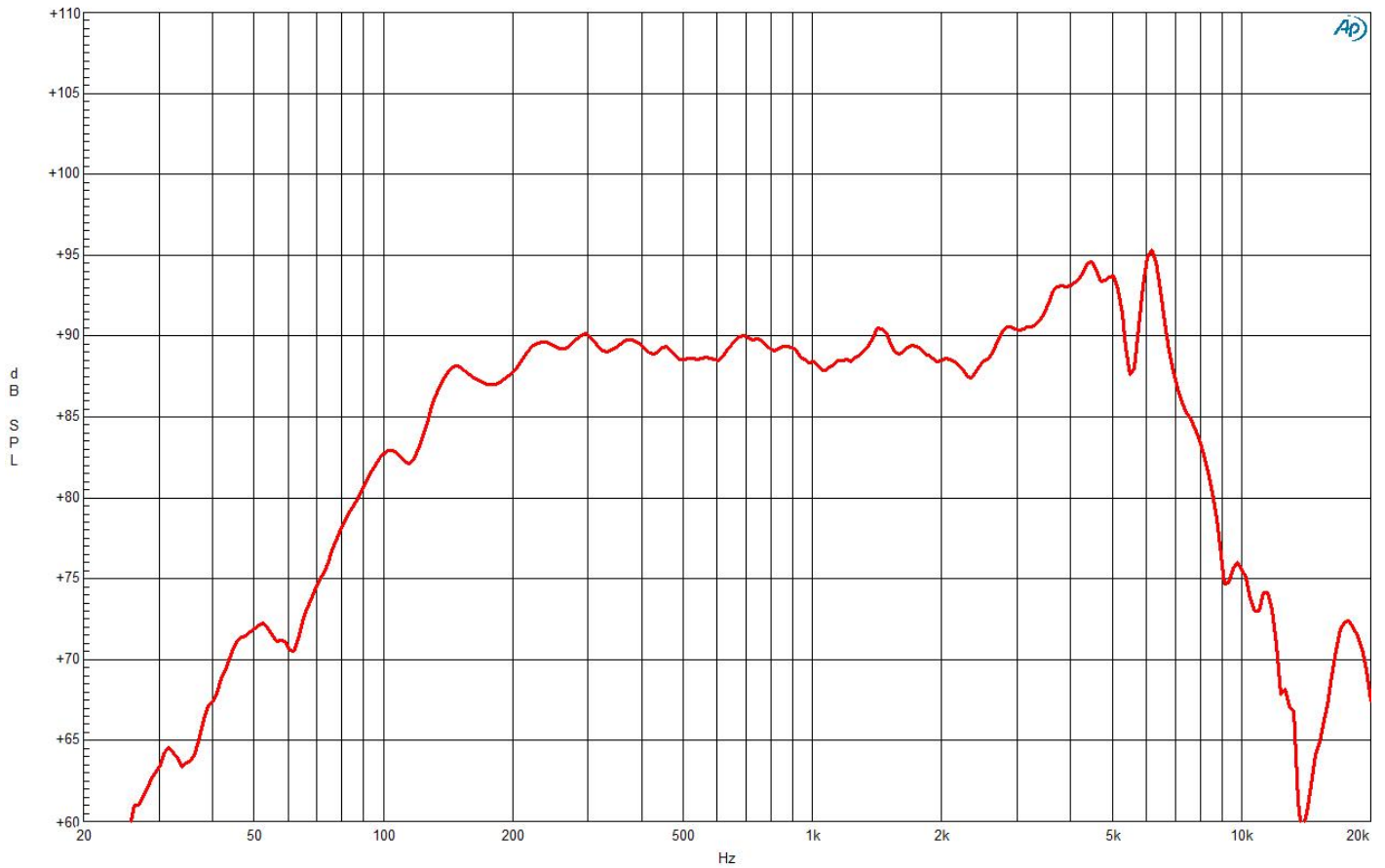
Surround Shape	Roll
Cone Shape	Exponential
Magnet Material	Ferrite
Spider	Single
Pole Design	T-Pole
Woofers Cone Treatment	WP Waterproof Front Side
Recommended Enclosure	5 dm³ (0.17 ft³)
Recommended Tuning	70 Hz

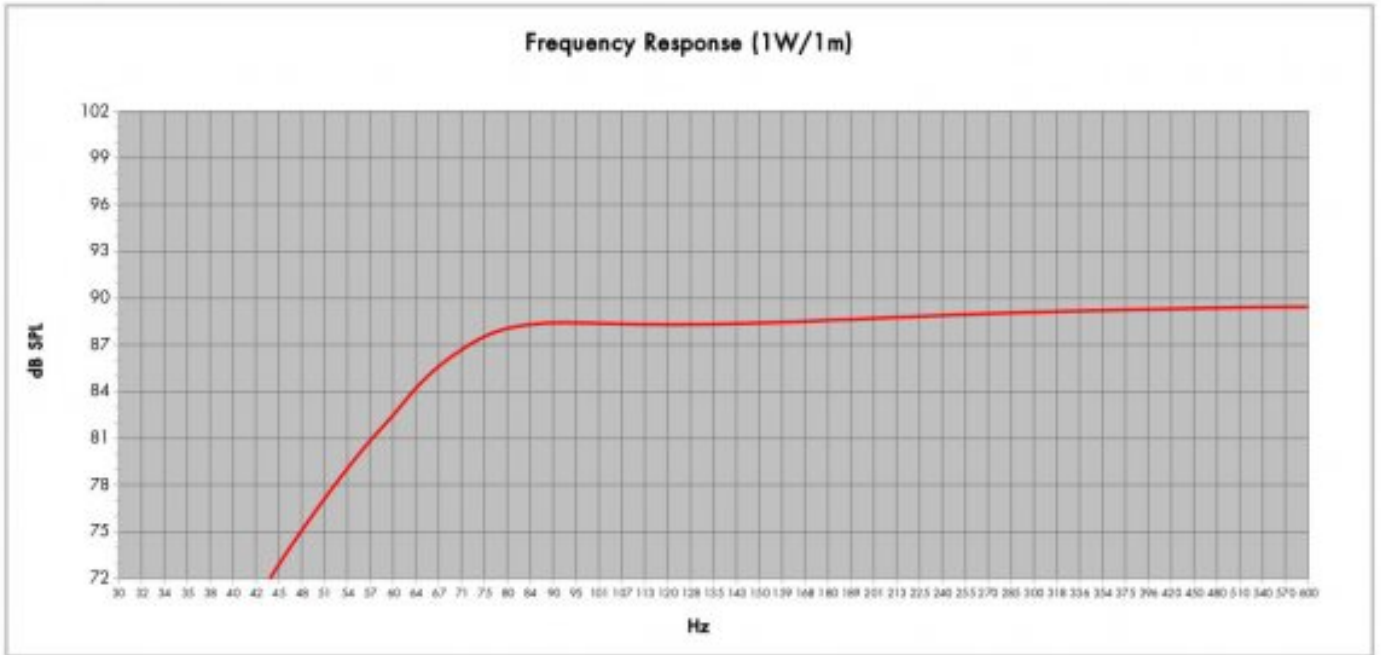
MOUNTING AND SHIPPING INFO

Overall Diameter	155 mm (6.1 in)
Bolt Circle Diameter	142 mm (5.6 in)
Baffle Cutout Diameter	122 mm (4.8 in)
Depth	77 mm (3.03 in)
Flange and Gasket Thickness	9 mm (0.35 in)
Air Volume Occupied by Driver	0.5 dm³ (0.02 ft³)
Net Weight	1.6 kg (3.53 lb)
Shipping Units	1 pcs
Shipping Weight	1.8 kg (3.97 lb)
Shipping Box	210x210x125 mm (8.27x8.27x4.92 in)

SERVICE KITS

LF recone-kits	RCK005FG4416
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Model:	5FG44	Configuration:	One Driver
Enclosure Type:	Bass Reflex		
Internal Net Volume (Litres):	5	QB:	7
Tuning Frequency (Hz):	70	Port Area (cm ²):	15,2
Frequency (-3 dB) (Hz):	70,4	Port Length (cm):	14,9

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