

8FG64 16 Ω

Subwoofer

- 600 W continuous program power capacity
- 64 mm (2.5 in) copper voice coil
- 50 - 3000 Hz response
- 92 dB sensitivity
- Aluminium demodulating ring allows a very low distortion figure



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SPECIFICATIONS

Nominal Diameter	200 mm (8 in)
Nominal Impedance	16 Ω
Minimum Impedance	13.5 Ω
Nominal Power Handling	300 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	600 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	92 dB
Applied RMS Voltage is set to 4V for 16 ohm Nominal Impedance	
Frequency Range	50 Hz - 3000 Hz
Voice Coil Diameter	64 mm (2.5 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	20 mm (0.79 in)
Magnetic Gap Depth	10 mm (0.39 in)
Flux Density	0.9 T
Woofer Cone Treatment	WP Waterproof Front Side

PARAMETERS

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

Fs	53 Hz
Re	11.9 Ω
Qes	0.37
Qms	9.33
Qts	0.35
Vas	16.9 dm³ (0.6 ft³)
Sd	220 cm² (34.1 in²)
η ₀	0.67 %
X _{max}	7.5 mm
X _{var}	9.5 mm
M _{ms}	36 g
Bl	19.8 Tm
Le	2.9 mH
EBP	143 Hz

DESIGN

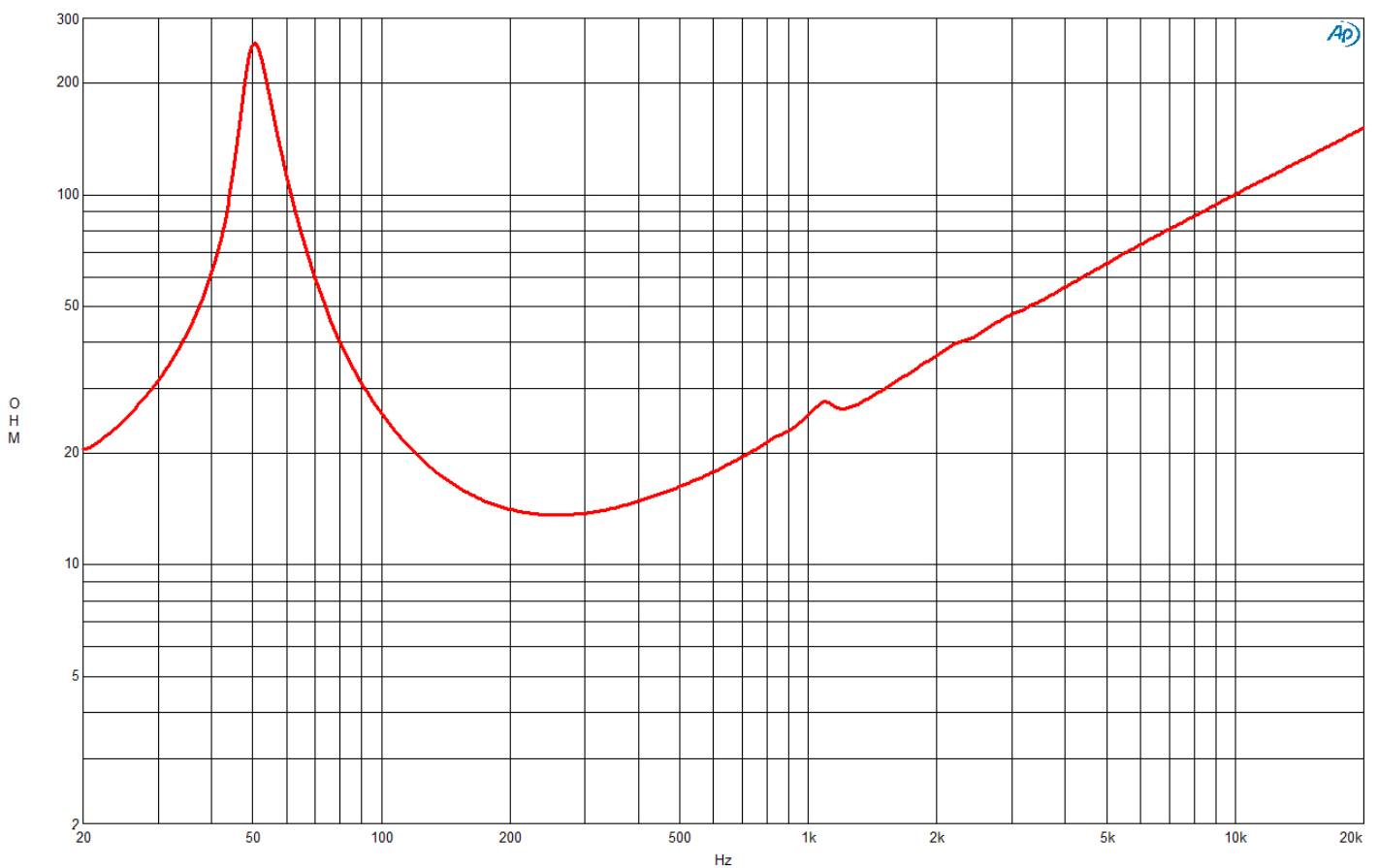
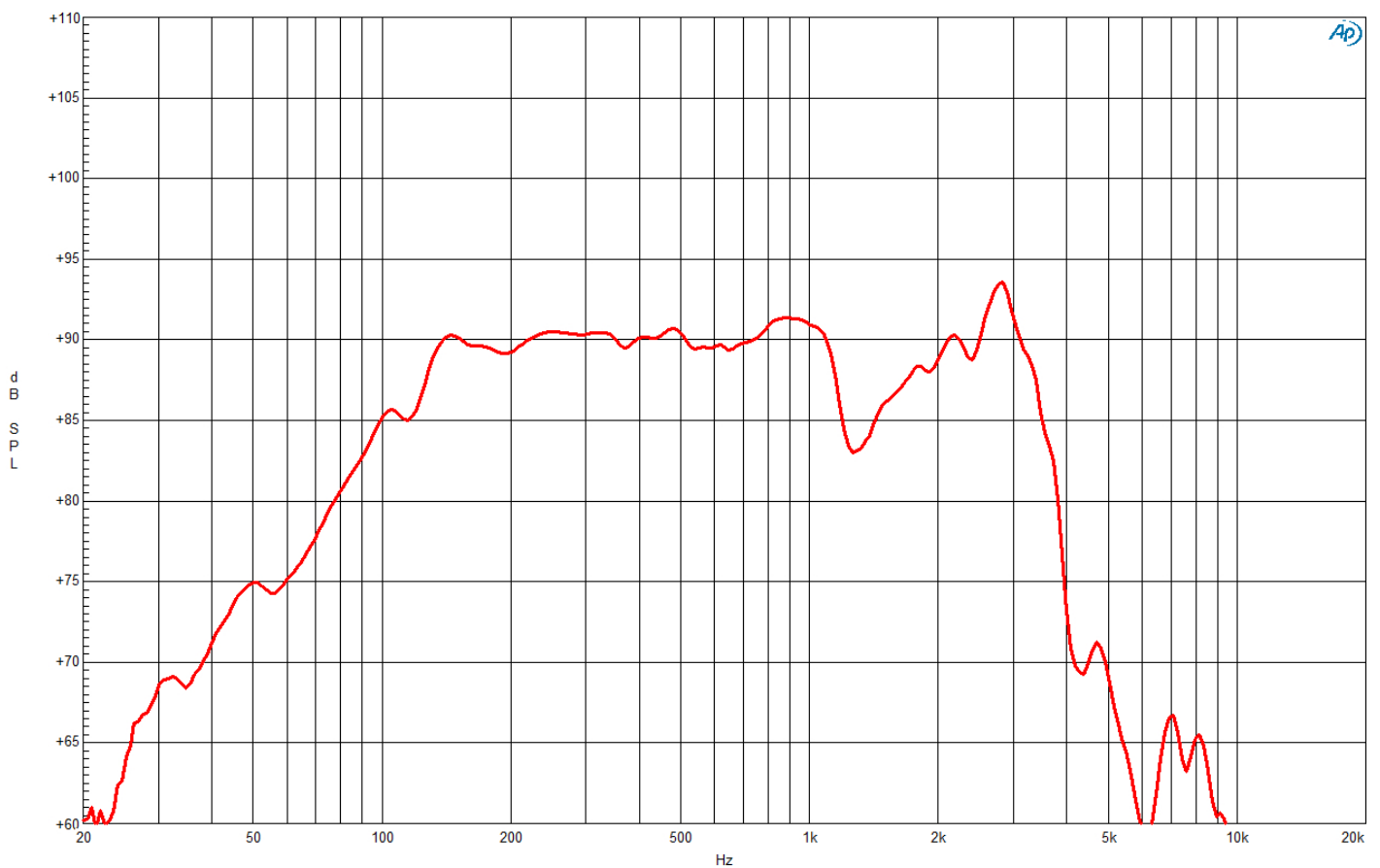
Surround Shape	Roll
Cone Shape	Radial
Magnet Material	Ferrite
Spider	Single
Pole Design	T-Pole
Woofer Cone Treatment	WP Waterproof Front Side
Recommended Enclosure	16 dm³ (0.57 ft³)
Recommended Tuning	50 Hz

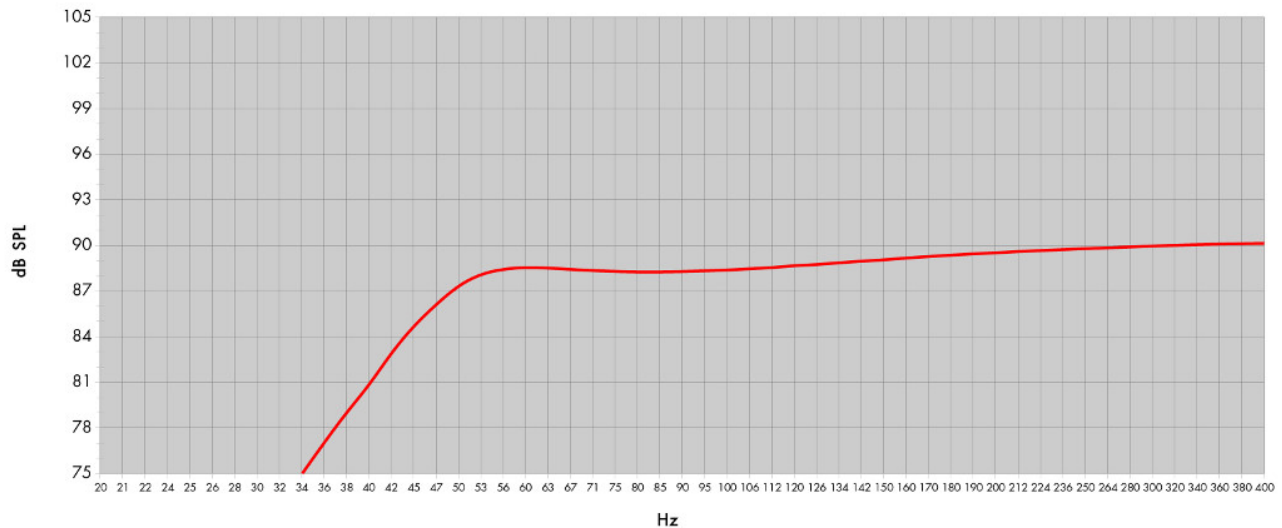
MOUNTING AND SHIPPING INFO

Overall Diameter	225 mm (8.86 in)
Bolt Circle Diameter	210 mm (8.3 in)
Baffle Cutout Diameter	187 mm (7.4 in)
Depth	100 mm (3.94 in)
Flange and Gasket Thickness	9 mm (0.37 in)
Air Volume Occupied by Driver	1.5 dm³ (0.05 ft³)
Net Weight	4 kg (8.82 lb)
Shipping Units	1 pcs
Shipping Weight	4.45 kg (9.81 lb)
Shipping Box	255x255x150 mm (10.04x10.04x5.91 in)

SERVICE KITS

LF recone-kits	RCK008FG6416
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8FG64 16 Ω**Subwoofer****Frequency Response (1W/1m)**

Model:	8FG64	Configuration:	One Driver
Enclosure Type:	Bass Reflex		
Internal Net Volume (Litres):	16	QB:	7
Tuning Frequency (Hz):	50	Port Area (cm²):	30,0
Frequency (-3 dB) (Hz):	50,4	Port Length (cm):	17,2
Frequency (-10 dB) (Hz):	39,5		

