

8FG51 8 Ω

Woofer

- 500 W continuous program power capacity
- 51 mm (2 in) copper voice coil
- 50 - 4000 Hz response
- 93 dB sensitivity
- Shorting copper cap for extended HF response
- Ventilated voice coil gap for reduced power compression



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SPECIFICATIONS

Nominal Diameter	200 mm (8 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.5 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	93 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	50 Hz - 4000 Hz
Voice Coil Diameter	51 mm (2 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	17 mm (0.65 in)
Magnetic Gap Depth	8 mm (0.31 in)
Flux Density	1.15 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	49 Hz
Re	5.1 Ω
Qes	0.34
Qms	9
Qts	0.32
Vas	20 dm³ (0.71 ft³)
Sd	220 cm² (34.1 in²)
η ₀	0.7 %
X _{max}	6.5 mm
X _{var}	8 mm
M _{ms}	35 g
Bl	12.9 Tm
Le	0.5 mH
EBP	144 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	17 dm³ (0.6 ft³)
Recommended Tuning	52 Hz

MOUNTING AND SHIPPING INFO

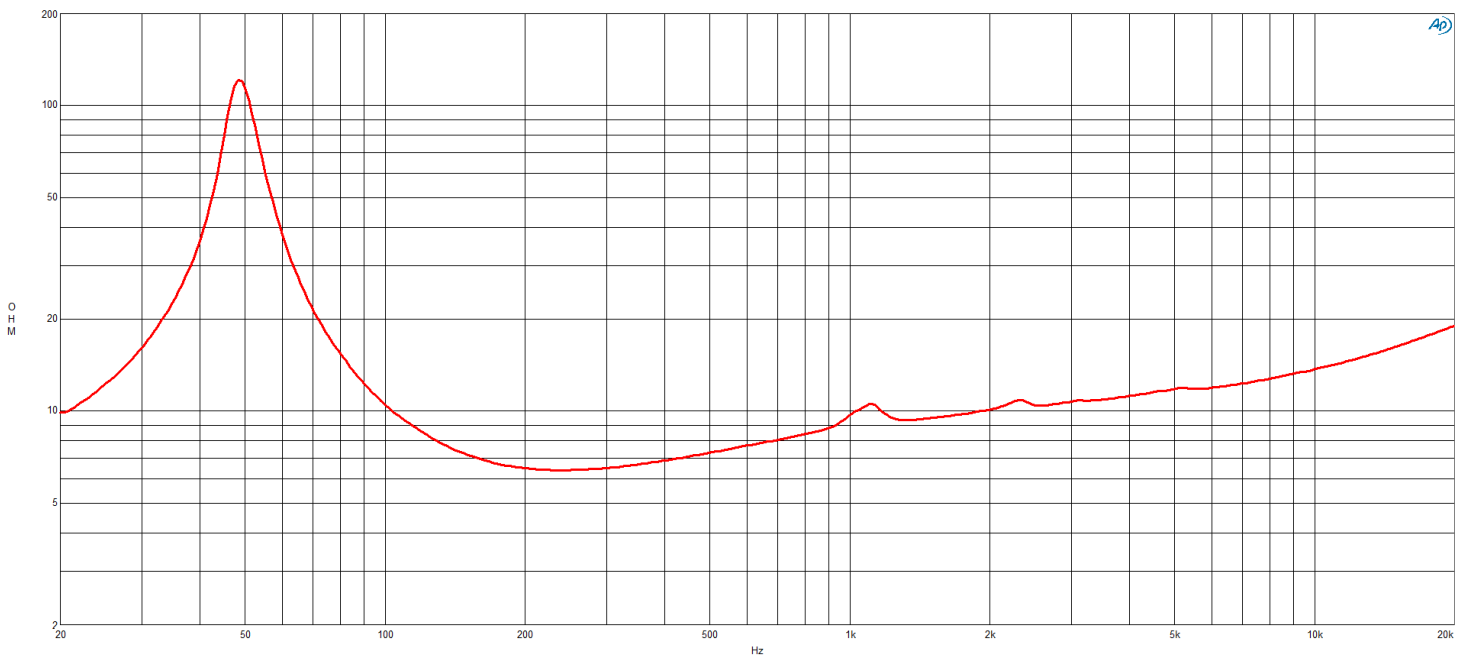
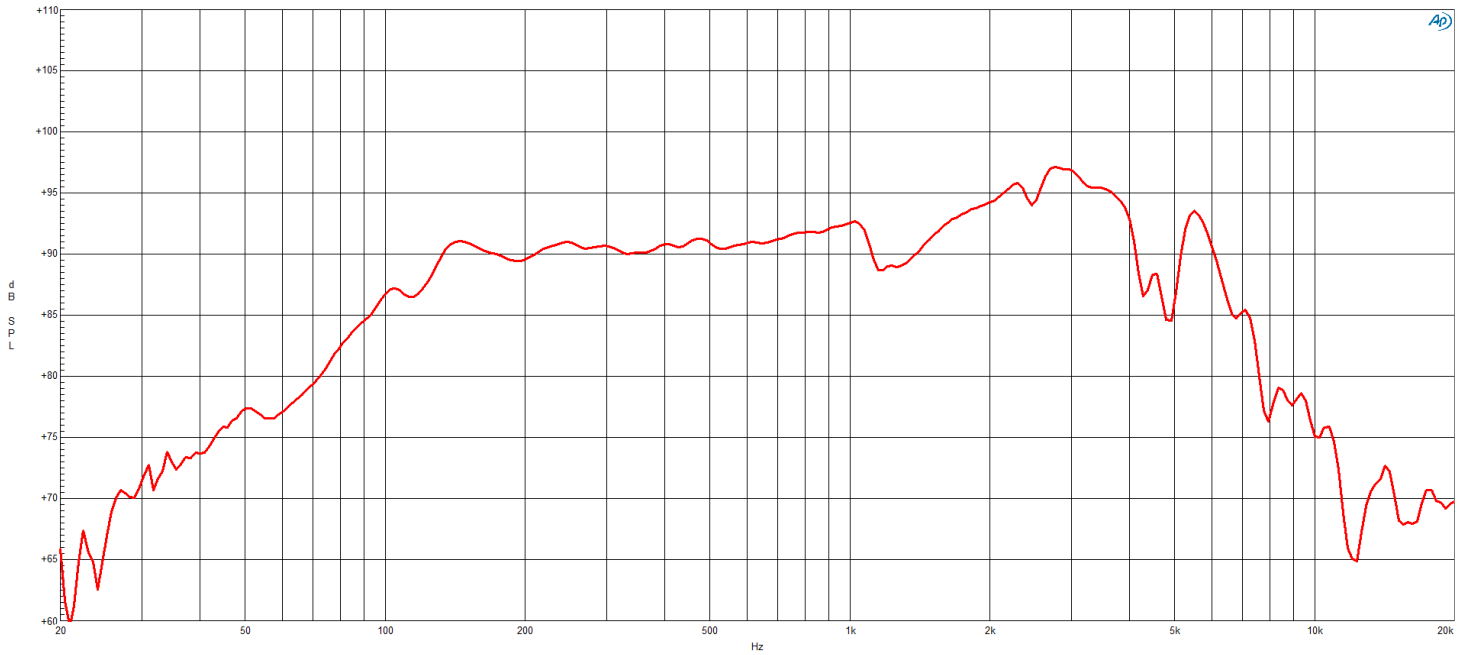
Overall Diameter	225 mm (8.8 in)
Bolt Circle Diameter	210 mm (8.3 in)
Baffle Cutout Diameter	187 mm (7.4 in)
Depth	93 mm (3.7 in)
Flange and Gasket Thickness	11 mm (0.43 in)
Air Volume Occupied by Driver	1.5 dm³ (0.05 ft³)
Net Weight	3.4 kg (7.5 lb)
Shipping Units	1 pcs
Shipping Weight	3.85 kg (8.49 lb)
Shipping Box	255x255x150 mm (10.04x10.04x5.91 in)

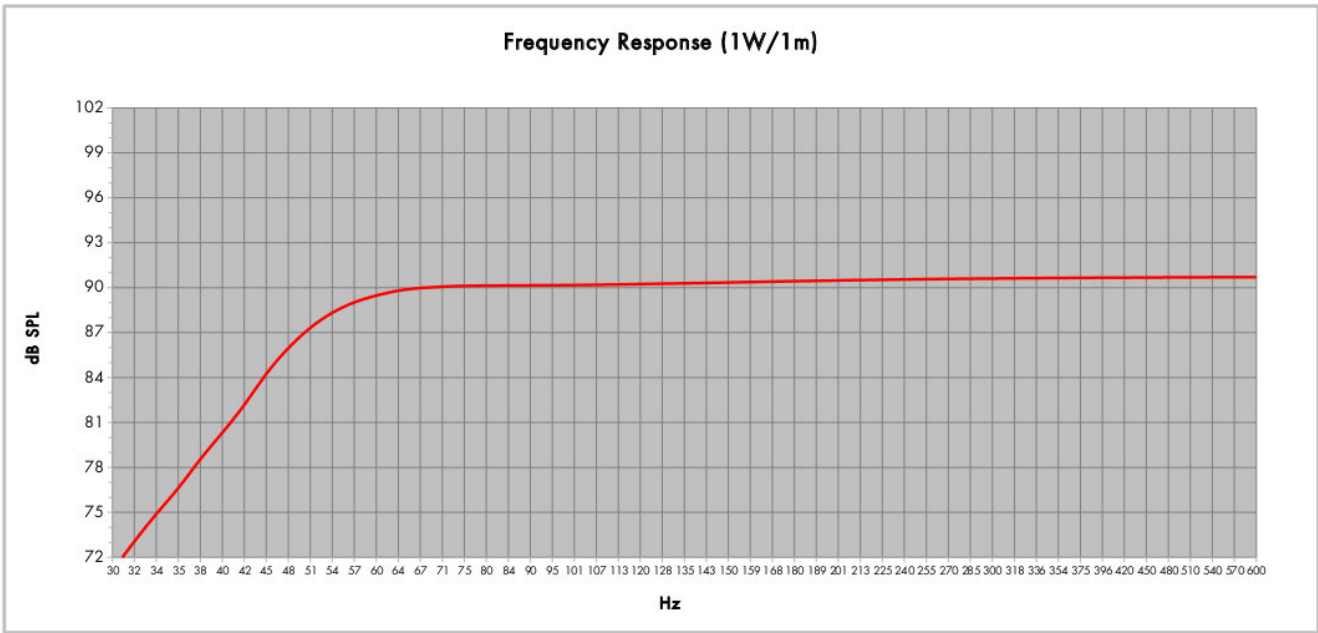
SERVICE KITS

LF recone-kits	RCK008FG518
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Model:	8FG51	Configuration:	One Driver
Enclosure Type:	Bass Reflex		
Internal Net Volume (Litres):	17	QB:	7
Tuning Frequency (Hz):	52	Port Area (cm ²):	30,4
Frequency (-3 dB) (Hz):	52,3	Port Length (cm):	14,5

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