12FG100 8 Ω

Subwoofer

- 2000 W continuous program power capacity
- 100 mm (4 in) copper voice coil
- 34 - 1000 Hz response
- 91 dB sensitivity
- Excursion optimized lead wires (woven through spider)
- Ferrite magnet assembly
- Aluminium demodulating ring for very low distortion
- Double silicone spider with optimized compliance
- Ventilated voice coil gap for reduced power compression





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SPECIFICATIONS

Nominal Diameter	**320 mm (12 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**5.9 Ω**
Nominal Power Handling 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minumum impedance. Loudspeaker in free air.	**1000 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**2000 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**91 dB**
Frequency Range	**34 Hz - 1000 Hz**
Voice Coil Diameter	**100 mm (4 in)**
Winding Material	**Copper**
Former Material	**Glass Fibre**
Winding Depth	**26.5 mm (1.04 in)**
Magnetic Gap Depth	**12 mm (0.47 in)**
Flux Density	**1.1 T**
Woofer Cone Treatment	**TWP Waterproof Both Sides**

PARAMETERS

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

Fs	**34 Hz**
Re	**4.9 Ω**
Qes	**0.39**
Qms	**5.1**
Qts	**0.36**
Vas	**49 dm³ (1.73 ft³)**
Sd	**522 cm² (80.91 in²)**
η0	**0.49 %**
Xmax	**10.3 mm**
Xvar	**14 mm**
Mms	**167.8 g**
Bl	**21.4 Tm**
Le	**0.96 mH**
EBP	**87 Hz**

DESIGN

Surround Shape	**Roll**
Cone Shape	**Radial**
Magnet Material	**Ferrite**
Spider	**Double Silicone**
Pole Design	**T-Pole**
Woofer Cone Treatment	**TWP Waterproof Both Sides**
Recommended Enclosure	**50 dm³ (1.77 ft³)**
Recommended Tuning	**34 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**320 mm (12.6 in)**
Bolt Circle Diameter	**299 mm (11.77 in)**
Baffle Cutout Diameter	**282 mm (11.1 in)**
Depth	**150 mm (5.91 in)**
Flange and Gasket Thickness	**20 mm (0.81 in)**
Air Volume Occupied by Driver	**3 dm³ (0.11 ft³)**
Net Weight	**12.55 kg (27.67 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**13.45 kg (29.65 lb)**
Shipping Box	**360x360x200 mm (14.17x14.17x7.87 in)**

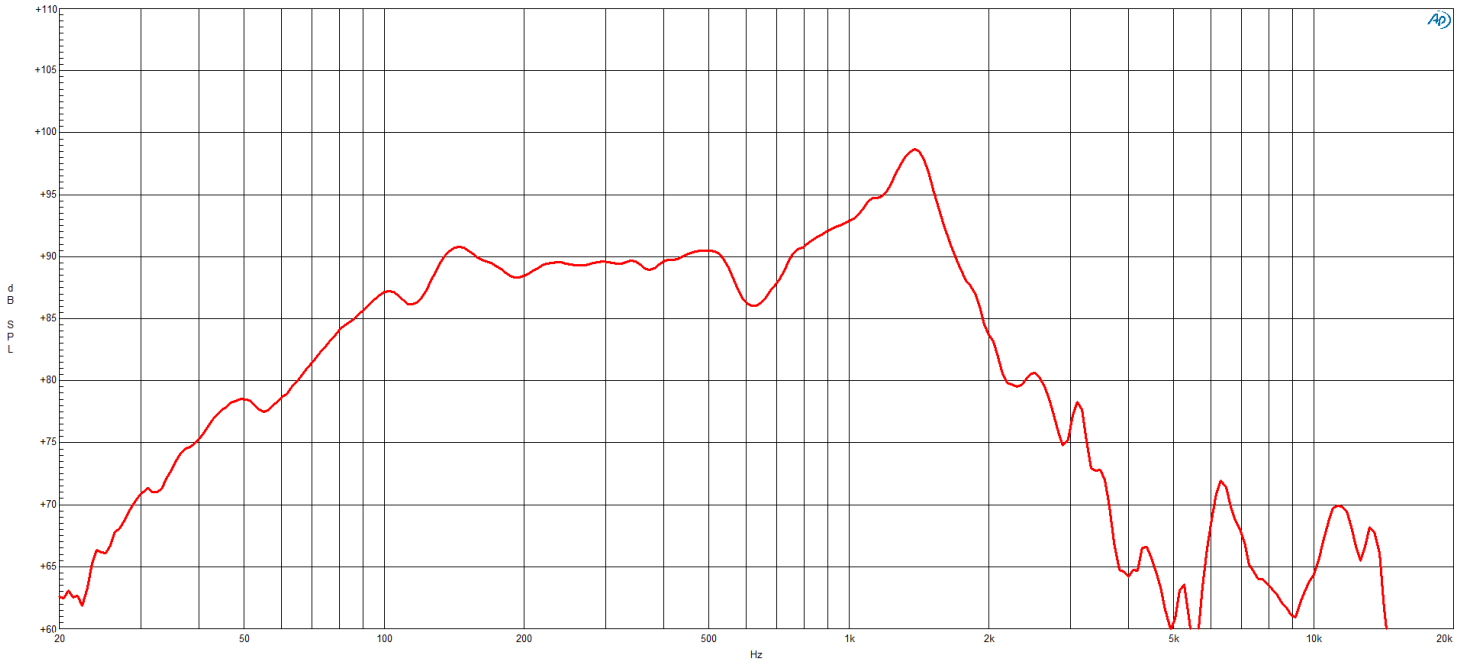
SERVICE KITS

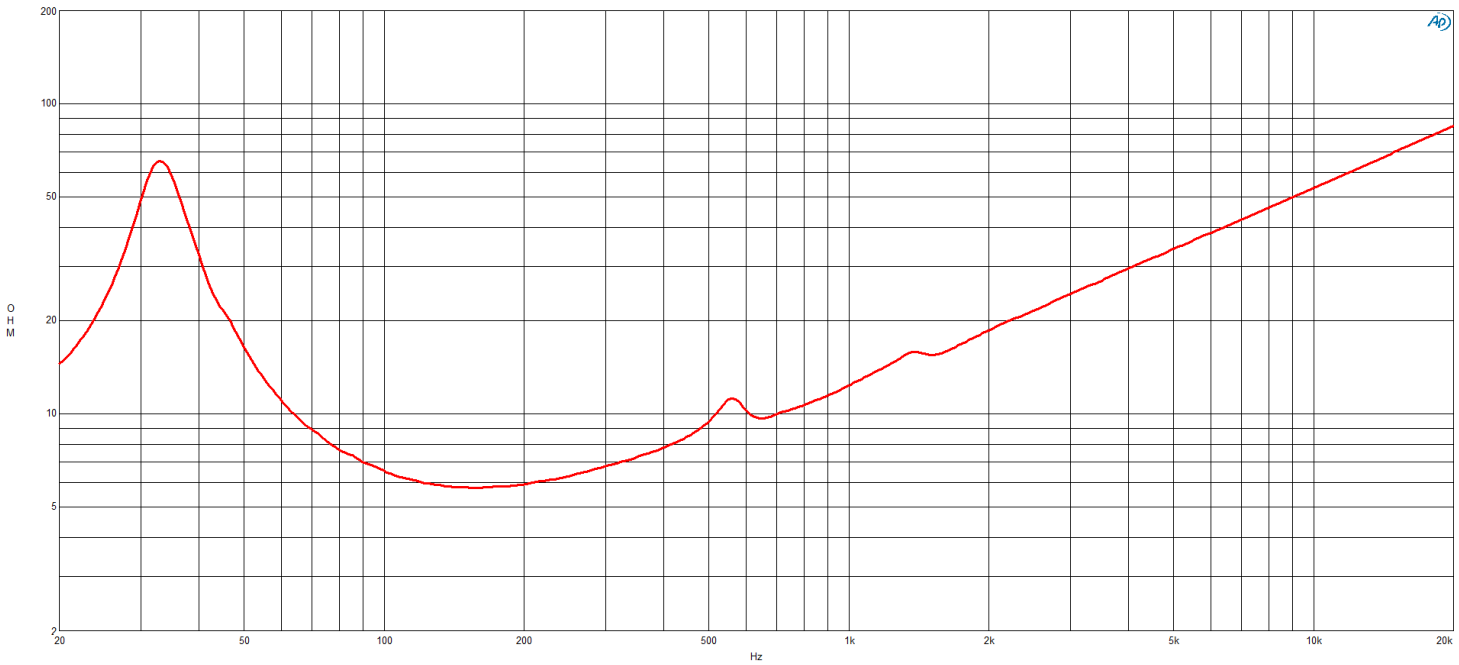
LF recone-kits	**RCK12FG1008**

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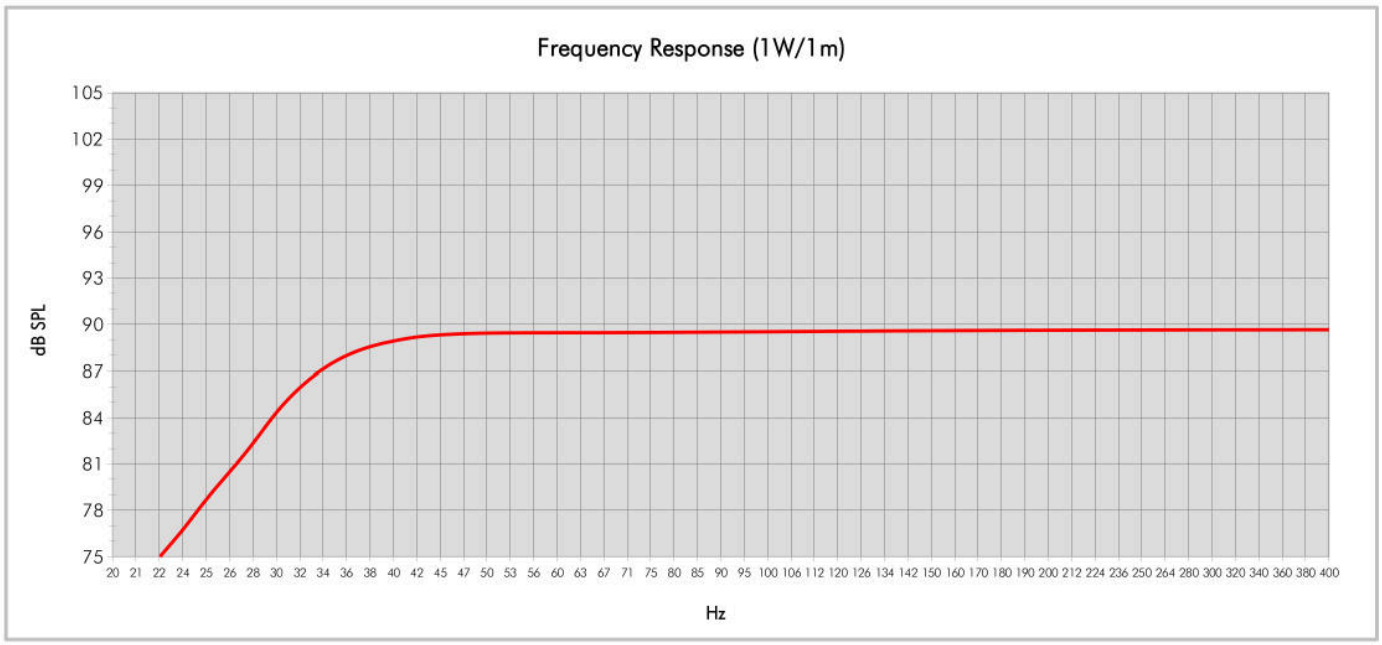
Subwoofer





12FG100 8 Ω

Subwoofer



Model:	12FG100		
Enclosure Type:	Bass Reflex	Configuration:	One Driver
Internal Net Volume (Litres):	50	QB:	7
Tuning Frequency (Hz):	34	Port Area (cm²):	100,0
Frequency (-3 dB) (Hz):	33,2	Port Length (cm):	32,2
Frequency (-10 dB) (Hz):	25,8		

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