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





B&C Speakers S.p.A. Via Poggiomoro, 1 - Loc. Vallina, 50012 Bagno a Ripoli (FI) | ITALY
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SPECIFICATIONS

Nominal Diameter	**200 mm (8 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6.5 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.	**250 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**500 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**93 dB**
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**
Woofer 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 dm^3 (0.71 ft^3)**
Sd	**220 cm^2 (34.1 in^2)**
η0	**0.7 %**
Xmax	**6.5 mm**
Xvar	**8 mm**
Mms	**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**
Woofer Cone Treatment	**WP Waterproof Front Side**
Recommended Enclosure	**17 dm^3 (0.6 ft^3)**
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 dm^3 (0.05 ft^3)**
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)**

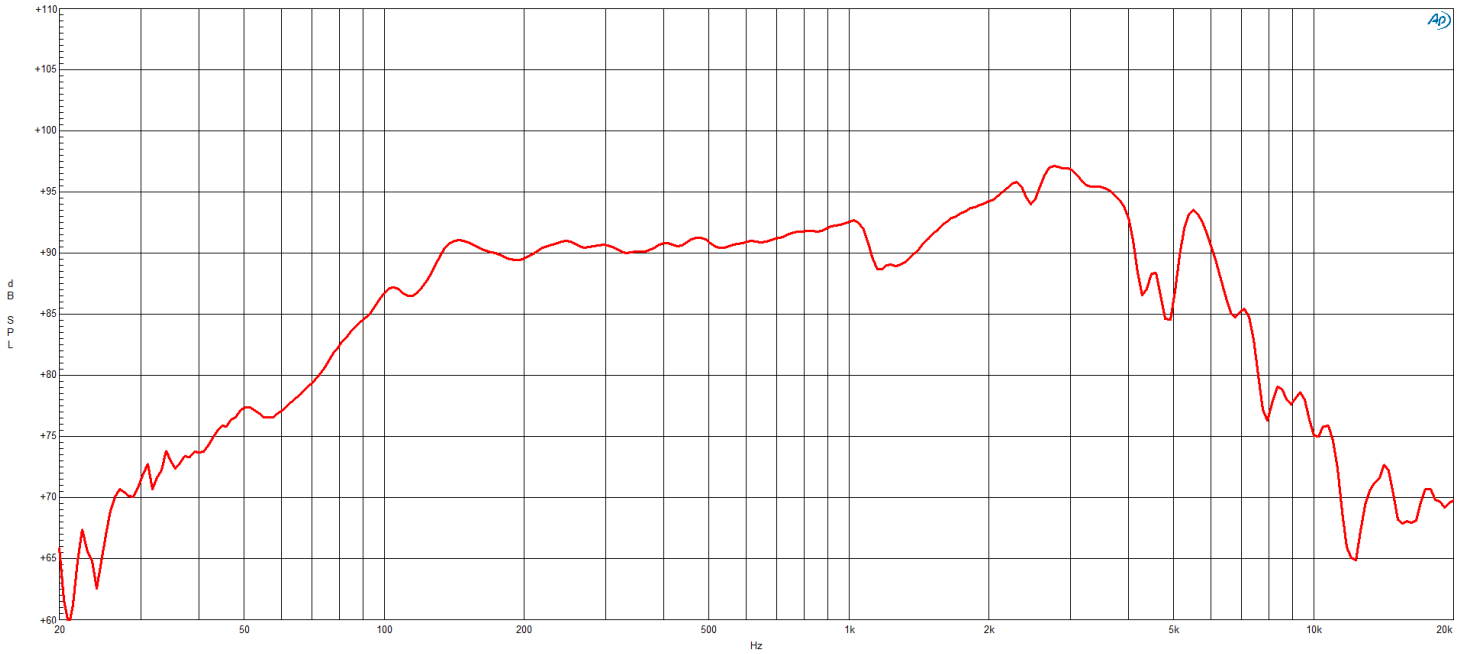
SERVICE KITS

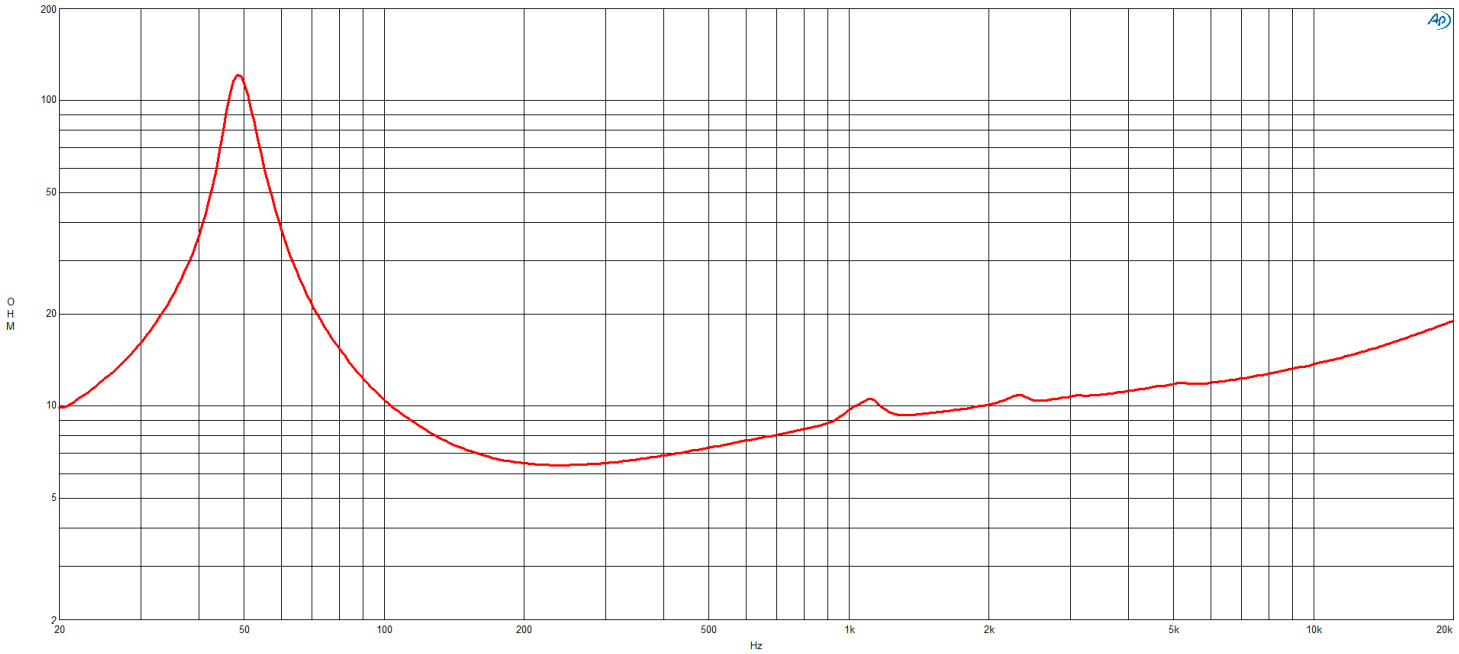
LF recone-kits	**RCK008FG518**

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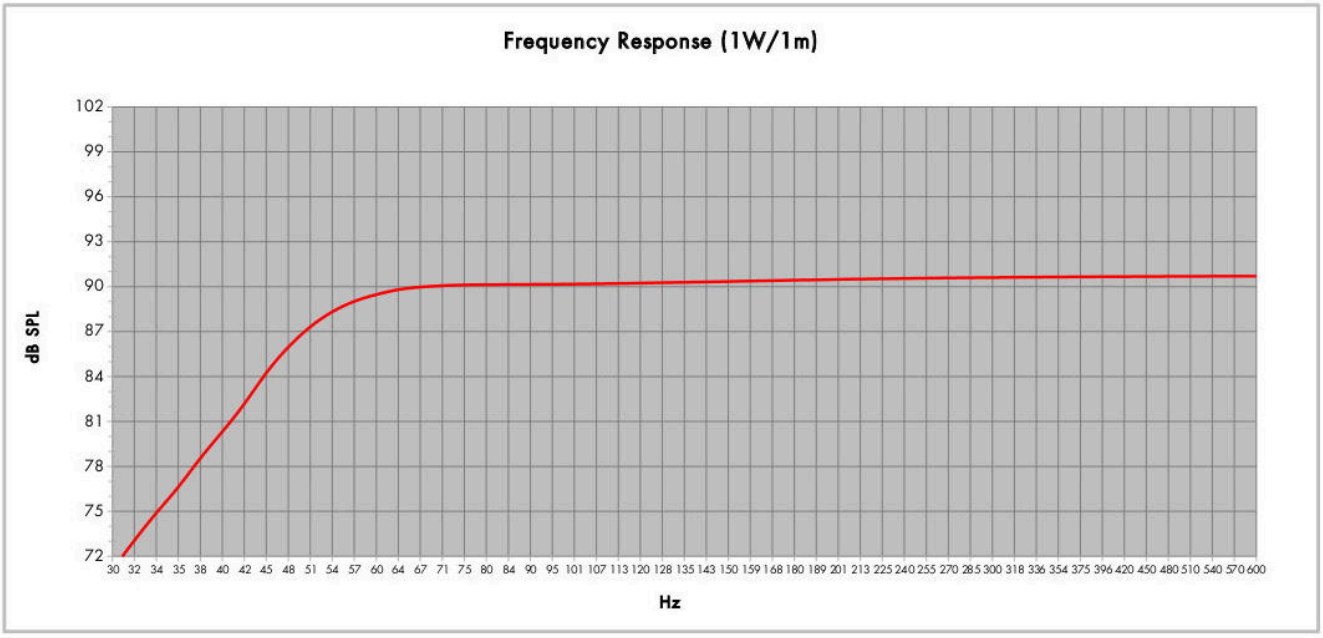
Woofer





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Woofer



Model:	**8FG51**		
Enclosure Type:	**Bass Reflex**	Configuration:	**One Driver**
Internal Net Volume (Litres):	**17**	QB:	**7**
Tuning Frequency (Hz):	**52**	Port Area (cm²):	**30,4**
Frequency (-3 dB) (Hz):	**52,3**	Port Length (cm):	**14,5**

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