

- 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



### SPECIFICATIONS

Nominal Diameter	<b>200 mm (8 in)</b>
Nominal Impedance	<b>8 Ω</b>
Minimum Impedance	<b>6.5 Ω</b>
Nominal Power Handling	<b>250 W</b>
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	<b>500 W</b>
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	<b>93 dB</b>
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	<b>50 Hz - 4000 Hz</b>
Voice Coil Diameter	<b>51 mm (2 in)</b>
Winding Material	<b>Copper</b>
Former Material	<b>Glass Fibre</b>
Winding Depth	<b>17 mm (0.65 in)</b>
Magnetic Gap Depth	<b>8 mm (0.31 in)</b>
Flux Density	<b>1.15 T</b>
Woofers Cone Treatment	<b>WP Waterproof Front Side</b>

### PARAMETERS

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

Fs	<b>49 Hz</b>
Re	<b>5.1 Ω</b>
Qes	<b>0.34</b>
Qms	<b>9</b>
Qts	<b>0.32</b>
Vas	<b>20 dm<sup>3</sup> (0.71 ft<sup>3</sup>)</b>
Sd	<b>220 cm<sup>2</sup> (34.1 in<sup>2</sup>)</b>
η0	<b>0.7 %</b>
Xmax	<b>6.5 mm</b>
Xvar	<b>8 mm</b>
Mms	<b>35 g</b>
Bl	<b>12.9 Tm</b>
Le	<b>0.5 mH</b>
EBP	<b>144 Hz</b>

### DESIGN

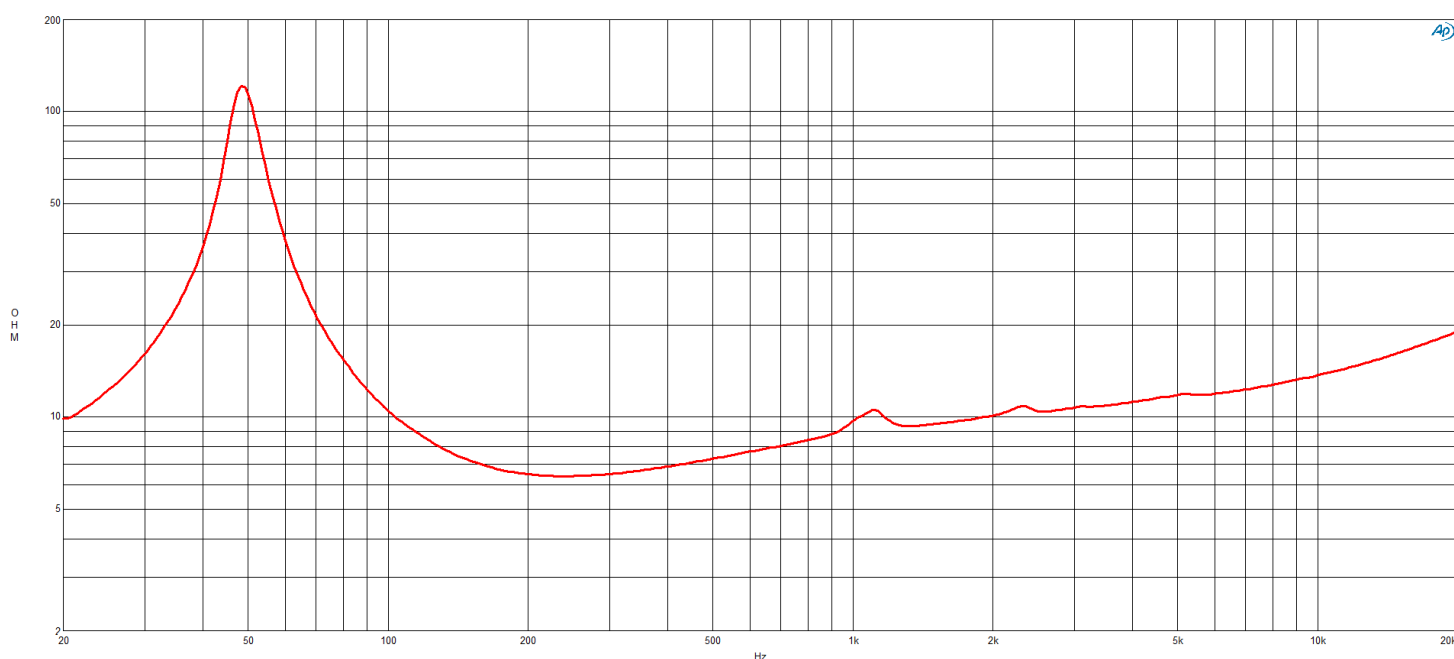
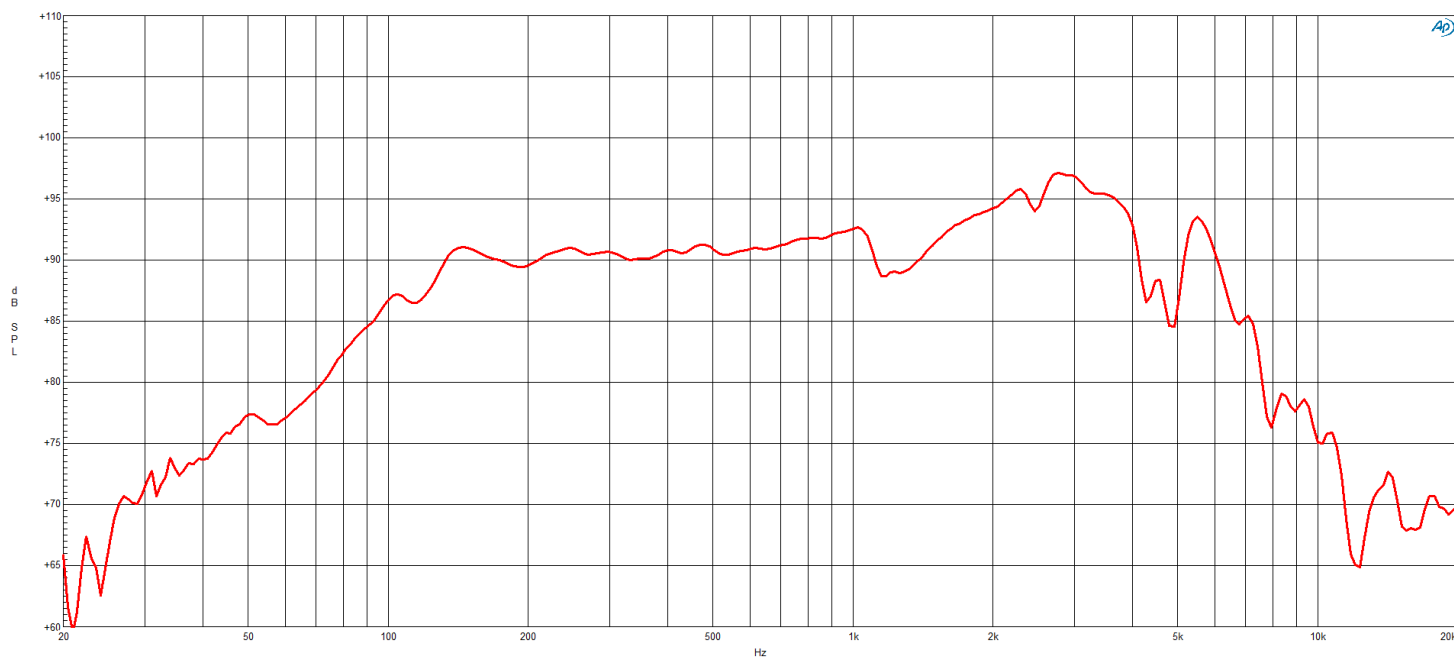
Surround Shape	<b>Roll</b>
Cone Shape	<b>Exponential</b>
Magnet Material	<b>Ferrite</b>
Spider	<b>Single</b>
Pole Design	<b>T-Pole</b>
Woofers Cone Treatment	<b>WP Waterproof Front Side</b>
Recommended Enclosure	<b>17 dm<sup>3</sup> (0.6 ft<sup>3</sup>)</b>
Recommended Tuning	<b>52 Hz</b>

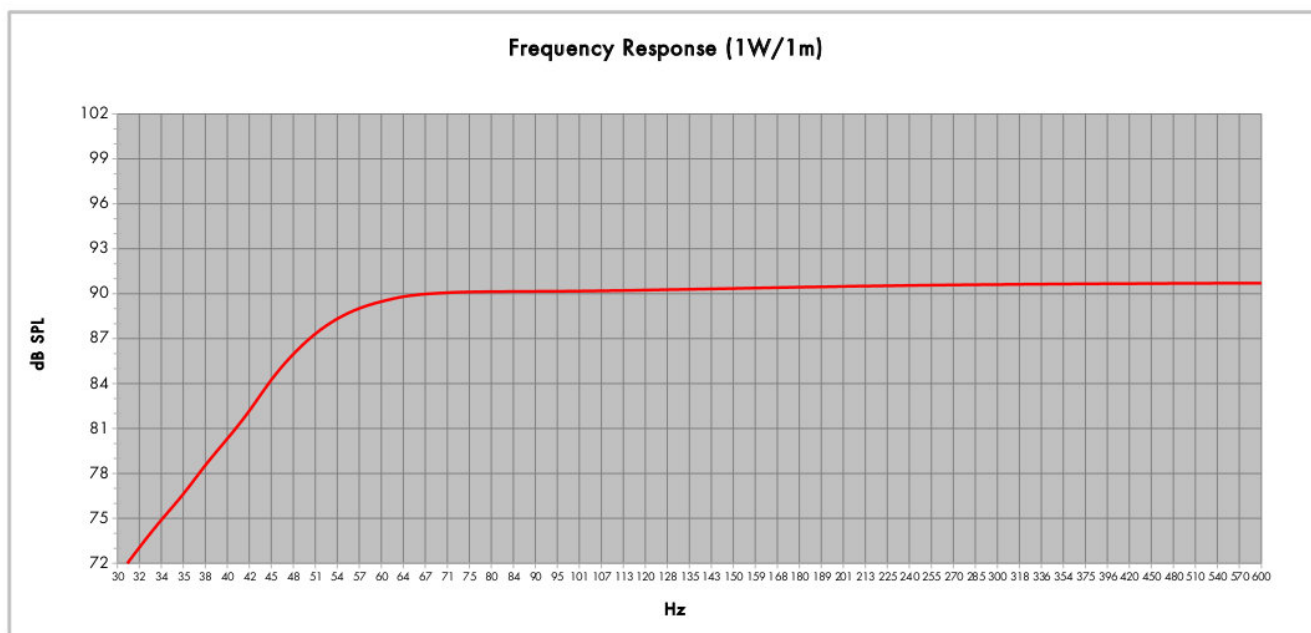
### MOUNTING AND SHIPPING INFO

Overall Diameter	<b>225 mm (8.8 in)</b>
Bolt Circle Diameter	<b>210 mm (8.3 in)</b>
Baffle Cutout Diameter	<b>187 mm (7.4 in)</b>
Depth	<b>93 mm (3.7 in)</b>
Flange and Gasket Thickness	<b>11 mm (0.43 in)</b>
Air Volume Occupied by Driver	<b>1.5 dm<sup>3</sup> (0.05 ft<sup>3</sup>)</b>
Net Weight	<b>3.4 kg (7.5 lb)</b>
Shipping Units	<b>1 pcs</b>
Shipping Weight	<b>3.85 kg (8.49 lb)</b>
Shipping Box	<b>255x255x150 mm (10.04x10.04x5.91 in)</b>

### SERVICE KITS

LF recone-kits	<b>RCK008FG518</b>
----------------	--------------------





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

