

10BG76 8 Ω

Rubber Surround Subwoofer

- 1000 W continuous program power capacity
- 76 mm (3 in) copper voice coil
- 49 - 800 Hz response
- 91.5 dB sensitivity
- Excursion optimized lead wires (woven through spider)
- Neodymium magnet allows a very light yet powerful motor assembly
- Aluminium demodulating ring for very low distortion
- Double silicone spider with optimized compliance



10BG76 8 Ω
Rubber Surround Subwoofer
SPECIFICATIONS

Nominal Diameter	250 mm (10 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.8 Ω
Nominal Power Handling	500 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	1000 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	91.5 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	49 Hz - 800 Hz
Voice Coil Diameter	76 mm (3 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	25 mm (1 in)
Magnetic Gap Depth	11.5 mm (0.45 in)
Flux Density	1.22 T
Woofers Cone Treatment	TWP Waterproof Both Sides

PARAMETERS

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

Fs	49 Hz
Re	4.1 Ω
Qes	0.23
Qms	5.74
Qts	0.22
Vas	16.7 dm³ (0.59 ft³)
Sd	320 cm² (49.6 in²)
η ₀	0.86 %
X _{max}	9.6 mm
X _{var}	12 mm
M _{ms}	91.4 g
Bl	22.4 Tm
Le	1.37 mH
EBP	213 Hz

DESIGN

Surround Shape	Roll
Cone Shape	Curvilinear
Magnet Material	Neodymium Ring
Spider	Double Silicone
Pole Design	T-Pole
Woofers Cone Treatment	TWP Waterproof Both Sides

MOUNTING AND SHIPPING INFO

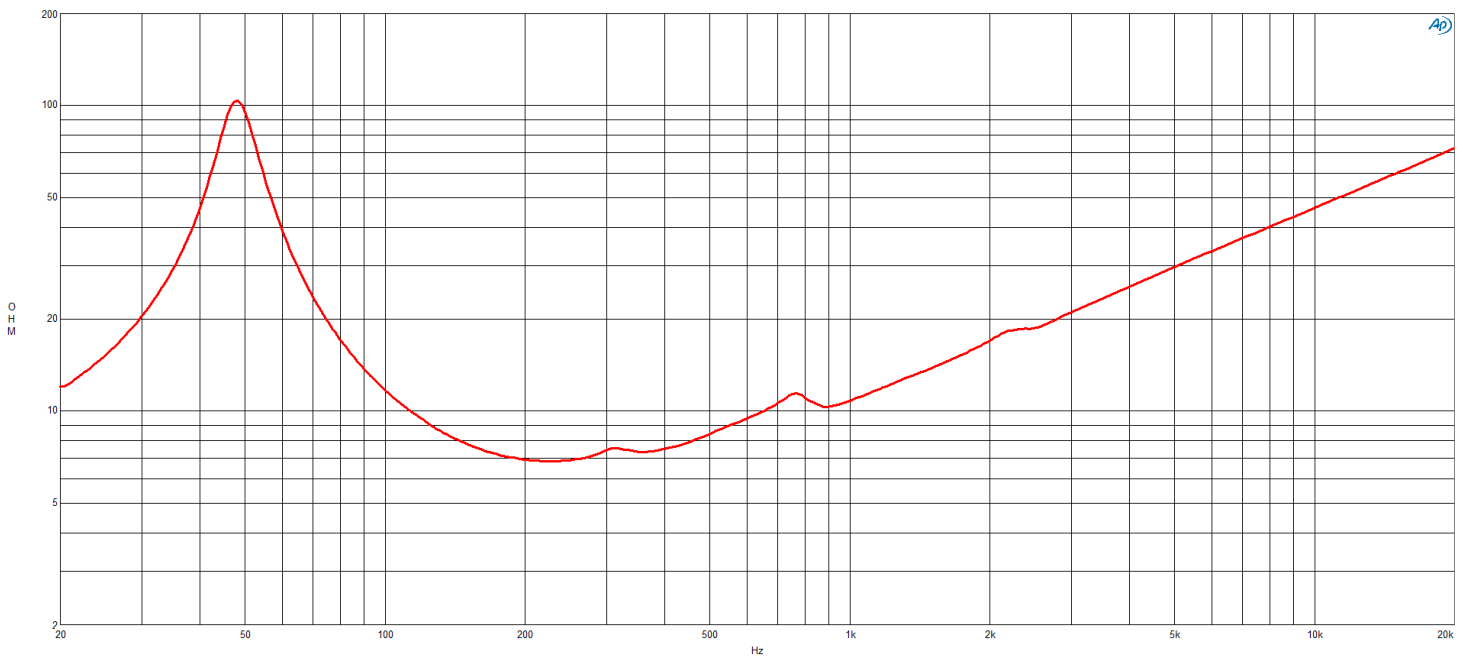
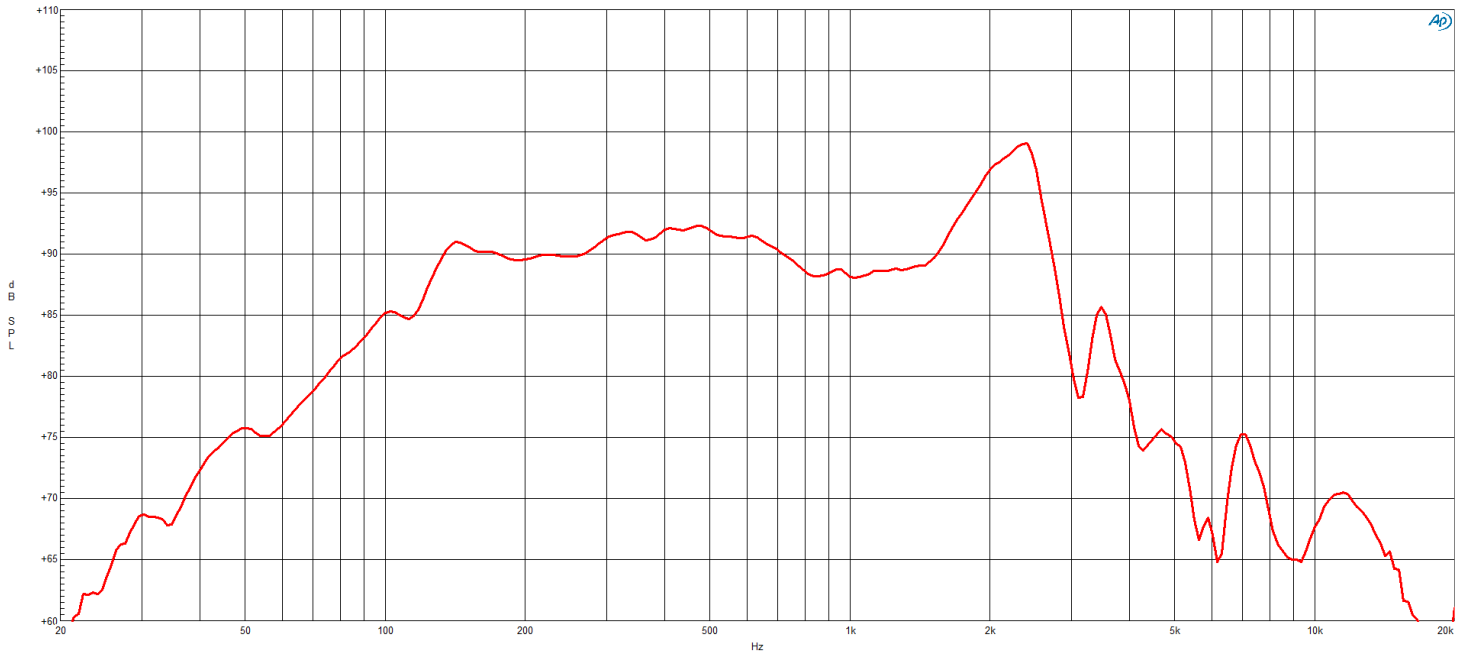
Overall Diameter	261 mm (10.28 in)
Bolt Circle Diameter	246 mm (9.69 in)
Baffle Cutout Diameter	233 mm (9.17 in)
Depth	131 mm (5.16 in)
Flange and Gasket Thickness	14 mm (0.55 in)
Air Volume Occupied by Driver	1.5 dm³ (0.05 ft³)
Net Weight	4.85 kg (10.69 lb)
Shipping Units	1 pcs
Shipping Weight	5.45 kg (12.02 lb)
Shipping Box	295x314x175 mm (11.61x12.36x6.89 in)

SERVICE KITS

LF recone-kits	RCK10BG768
----------------	-------------------

10BG76 8 Ω

Rubber Surround Subwoofer



10BG76 8 Ω

Rubber Surround Subwoofer

