

12HPL64 8 Ω

Woofer

400 W continuous program power capacity
64 mm (2.5 in) aluminium voice coil
50 - 4000 Hz response
100 dB sensitivity
Neodymium magnet allows a very light yet powerful motor assembly



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SPECIFICATIONS

Nominal Diameter	320 mm (12 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.5 Ω
Nominal Power Handling	200 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	400 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	100 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	50 Hz - 4000 Hz
Voice Coil Diameter	64 mm (2.5 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	13 mm (0.5 in)
Magnetic Gap Depth	8 mm (0.31 in)
Flux Density	1.25 T
Woofer Cone Treatment	None

PARAMETERS

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

Fs	52 Hz
Re	6 Ω
Qes	0.35
Qms	3.3
Qts	0.32
Vas	85 dm³ (3 ft³)
Sd	522 cm² (80.9 in²)
η0	3.3 %
Xmax	4 mm
Xvar	4.5 mm
Mms	42 g
Bl	14.9 Tm
Le	1.1 mH
EBP	149 Hz

DESIGN

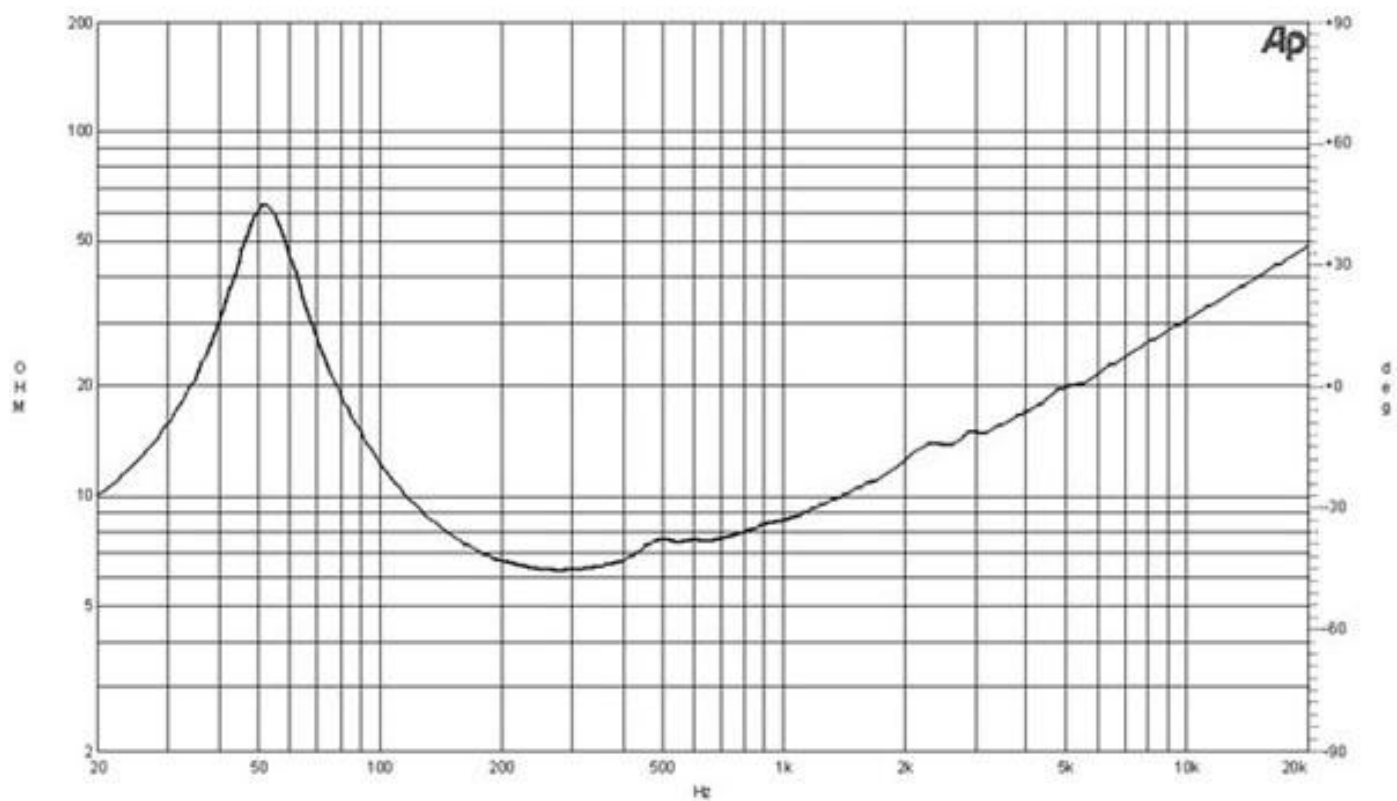
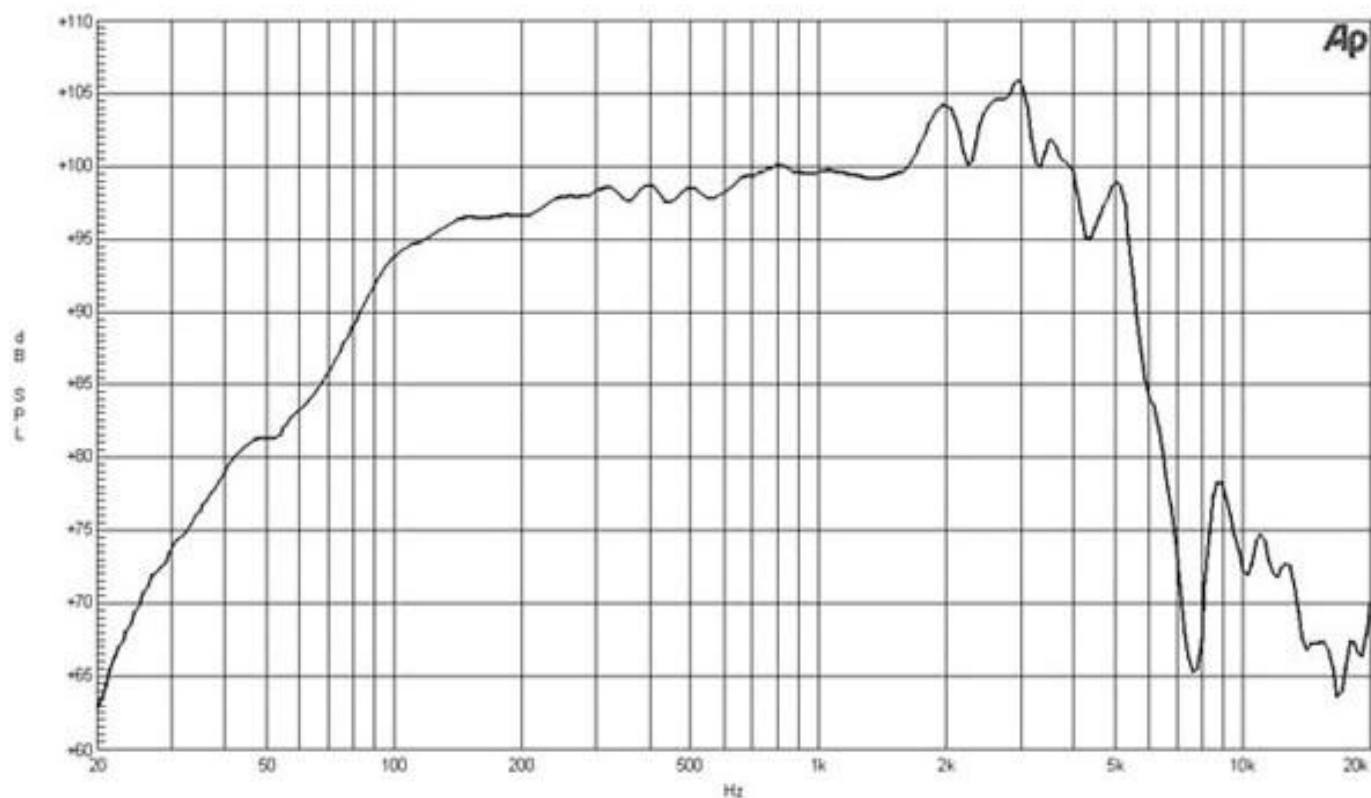
Surround Shape	Triple Roll
Cone Shape	Exponential
Magnet Material	Neodymium Inside Slug
Spider	Single
Pole Design	Straight Pole
Woofer Cone Treatment	None
Recommended Enclosure	60 dm³ (2.12 ft³)
Recommended Tuning	60 Hz

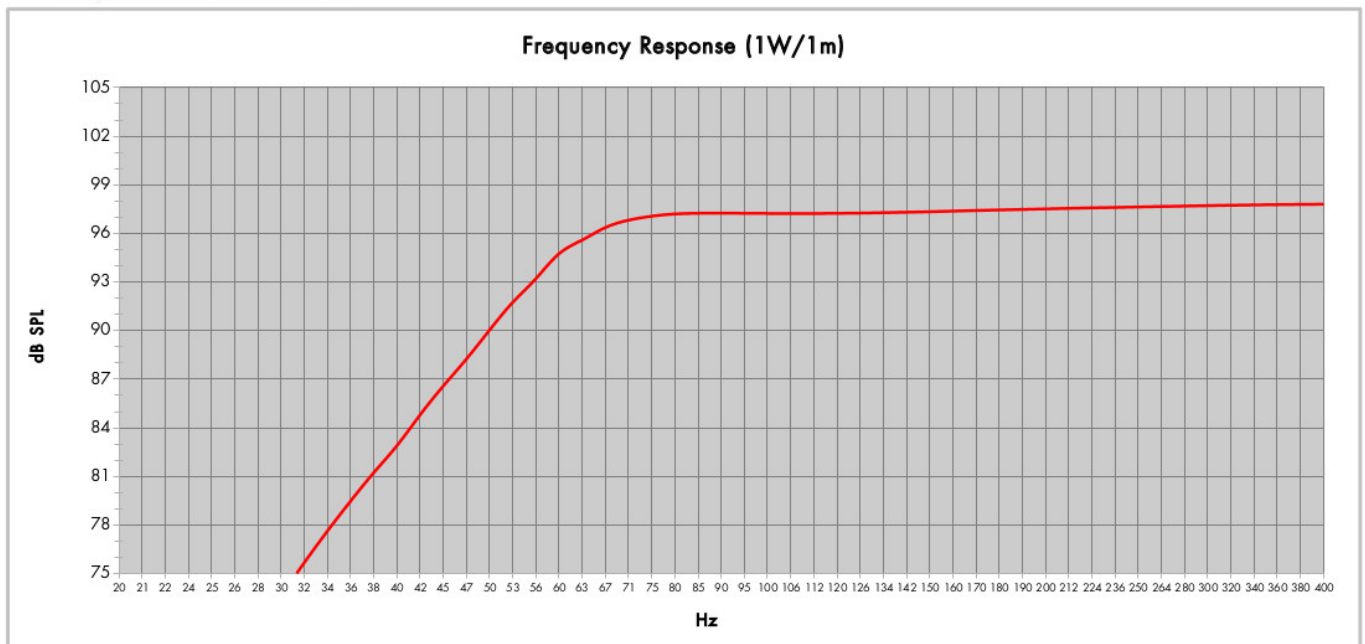
MOUNTING AND SHIPPING INFO

Overall Diameter	315 mm (12.4 in)
Bolt Circle Diameter	296 mm (11.6 in)
Baffle Cutout Diameter	282 mm (11.1 in)
Depth	144 mm (5.7 in)
Flange and Gasket Thickness	13 mm (0.5 in)
Net Weight	2.15 kg (4.74 lb)
Shipping Units	1 pcs
Shipping Weight	3.05 kg (6.72 lb)
Shipping Box	360x360x200 mm (14.17x14.17x7.87 in)

SERVICE KITS

LF recone-kits	RCK012HPL648
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Model:	12HPL64	Configuration:	One Driver
Enclosure Type:	Bass Reflex		
Internal Net Volume (Litres):	60	QB:	7
Tuning Frequency (Hz):	60	Port Area (cm ²):	77,0
Frequency (-3 dB) (Hz):	60,7	Port Length (cm):	2,0
Frequency (-10 dB) (Hz):	46,8		

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