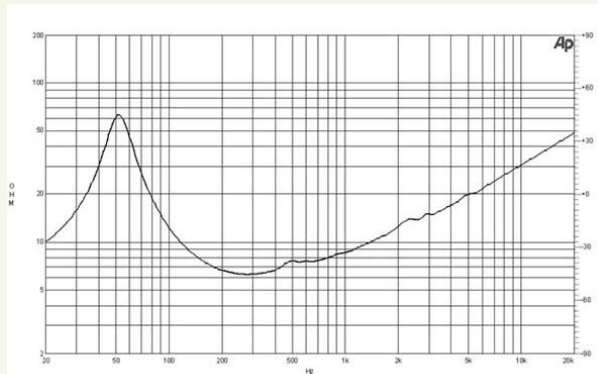
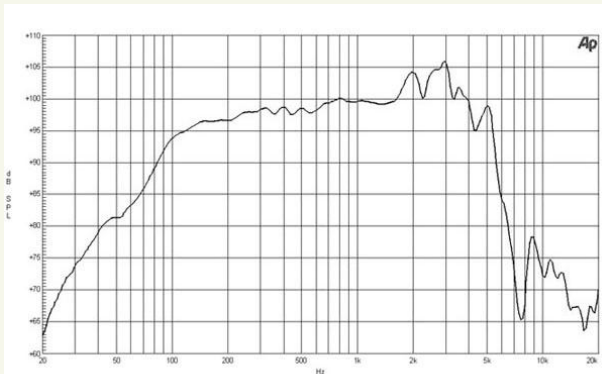




# 12HPL64 | Woofer

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



Horns  
HF Drivers  
Coaxials  
LF Nd Drivers  
LF Drivers

## Specification

Nominal Diameter	320 (12) mm (in)
Nominal Impedance (1)	8 Ohm
Minimum Impedance	6.5 Ohm
Nominal Power Handling (2)	200 W
Continuous Power Handling (3)	400 W
Sensitivity (1W/1m) (4)	100 dB
Frequency Range	50 - 4000 Hz
Voice Coil Diameter	64 (2.5) mm (in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	12.5 (1/2) mm (in)
Magnetic Gap Depth	8 (5/16) mm (in)
Flux Density	1.25 T

## Thiele & Small Parameters

Fs	52 Hz
Re	5.8 Ohm
Qes	0.35
Qms	3.3
Qts	0.32
Vas	85 (3) dm3 (ft3)
Sd	522 (80.9) cm2 (in2)
Eta Zero	3.3 %
Xmax	+/- 4 mm
Xvar	+/- 4.5 mm
Mms	41.5 g
Bl	14.9 Txm
Le	1.1 mH

## 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	12.5 mm (0.5 in)
Net Weight	2.1 kg (4.6 lb)
Shipping Weight	2.8 kg (6.2 lb)
Shipping Box	380x380x170 mm (15x15x6.7 in)

- <sup>1</sup>For different impedances, please ask.
- <sup>2</sup>2 hours test made with continuous pink noise signal (6 dB crest factor). Power calculated on rated minimum impedance.
- <sup>3</sup>Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
- <sup>4</sup>Applied RMS Voltage is set to 2.83V for 8 ohms or 2.0V for 4 ohms Nominal Impedance



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