

12PE32 8 Ω

Mid-Bass

- 500 W continuous program power capacity
- 64 mm (2.5 in) aluminium voice coil
- 50 - 4000 Hz response
- 101 dB sensitivity



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SPECIFICATIONS

Nominal Diameter	320 mm (12 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.7 Ω
Nominal Power Handling	250 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	500 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	101 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	50 Hz - 4000 Hz
Voice Coil Diameter	65 mm (2.5 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	12 mm (0.5 in)
Magnetic Gap Depth	7 mm (0.28 in)
Flux Density	1.4 T
Woofer Cone Treatment	None

PARAMETERS

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

Fs	51 Hz
Re	5.8 Ω
Qes	0.19
Qms	7.6
Qts	0.18
Vas	101 dm³ (3.56 ft³)
Sd	522 cm² (80.9 in²)
η0	6.8 %
Xmax	2.8 mm
Xvar	5 mm
Mms	37 g
Bl	19.1 Tm
Le	1.2 mH
EBP	268 Hz

DESIGN

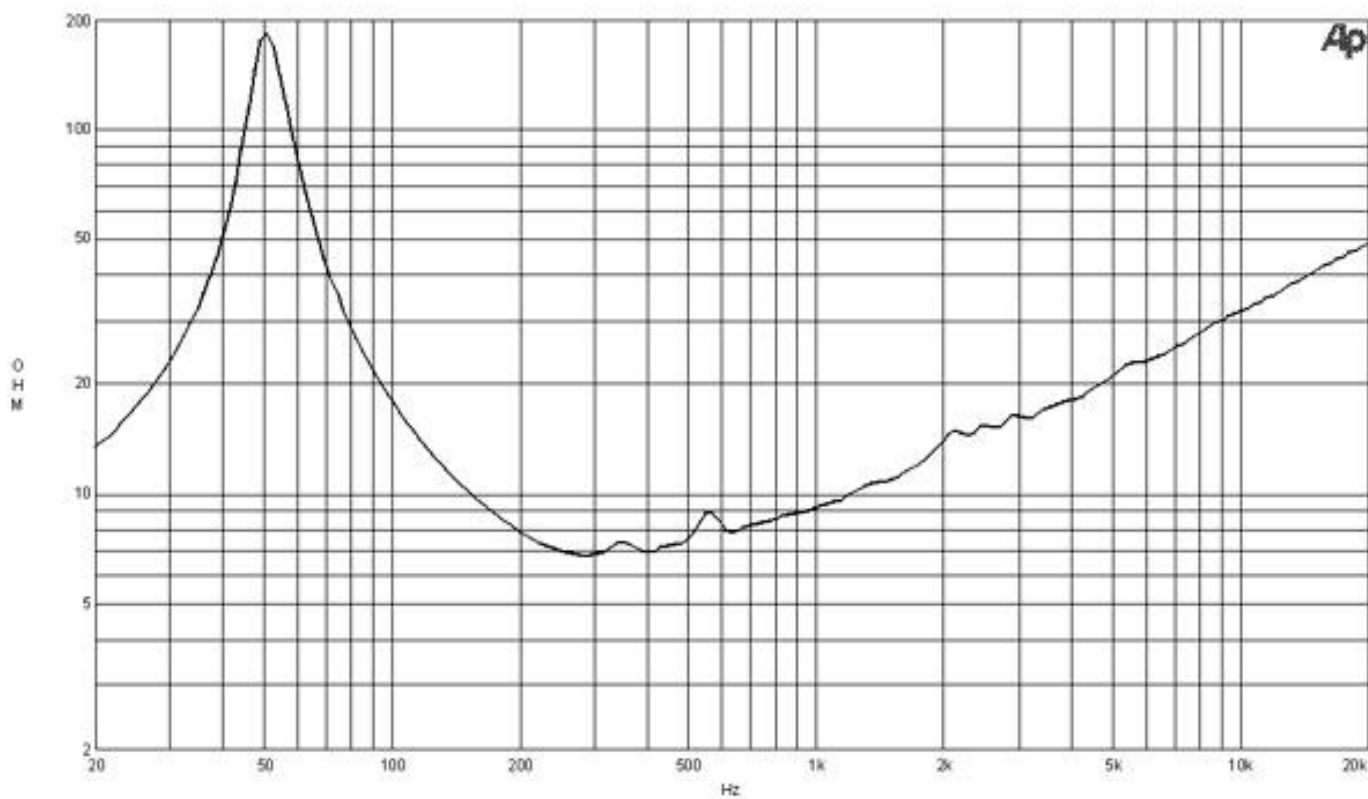
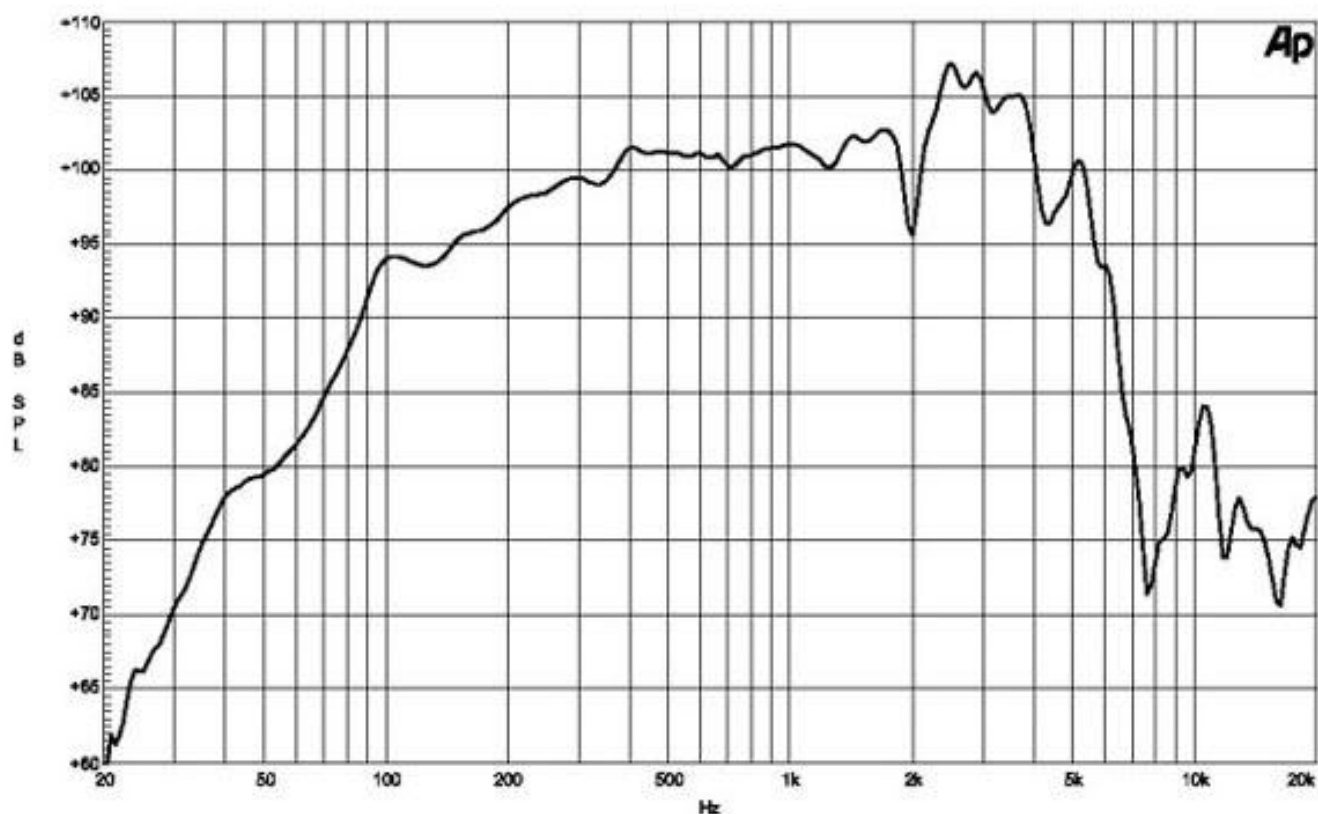
Surround Shape	Triple Roll
Cone Shape	Exponential
Magnet Material	Ferrite
Spider	Single
Pole Design	Straight Pole
Woofer Cone Treatment	None
Recommended Enclosure	31 dm³ (1.1 ft³)
Recommended Tuning	85 Hz

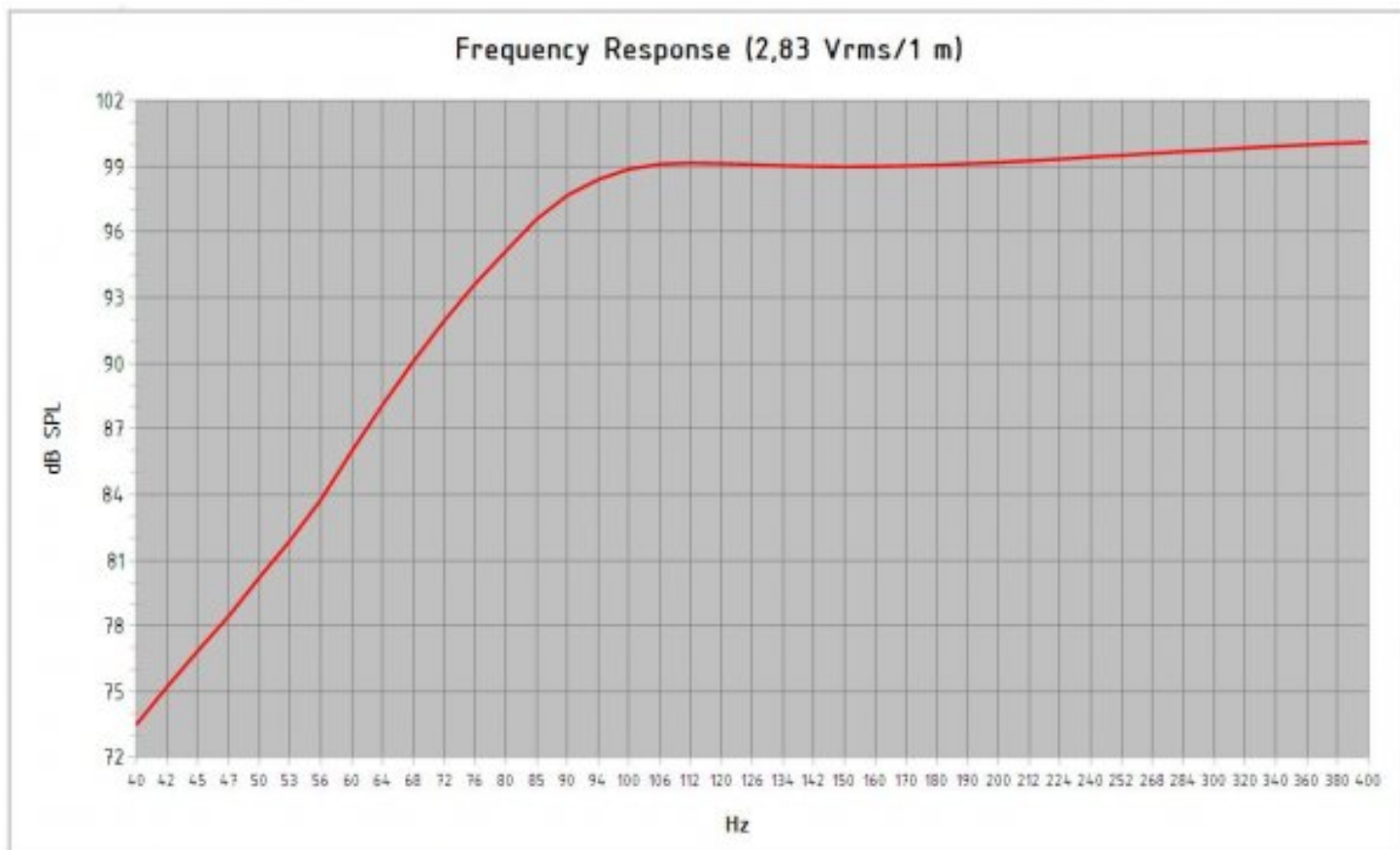
MOUNTING AND SHIPPING INFO

Overall Diameter	315 mm (12.4 in)
Bolt Circle Diameter	296 mm (11.6 in)
Baffle Cutout Diameter	282 mm (11.1 in)
Depth	135 mm (5.3 in)
Flange and Gasket Thickness	15 mm (0.59 in)
Air Volume Occupied by Driver	3.1 dm³ (0.11 ft³)
Net Weight	7.6 kg (16.7 lb)
Shipping Units	1 pcs
Shipping Weight	8.5 kg (18.74 lb)
Shipping Box	360x360x200 mm (14.17x14.17x7.87 in)

SERVICE KITS

LF recone-kits	RCK012PE328
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Model: **12 PE 32**
Enclosure Type: **Bass Reflex**

Internal Net Volume (Liters):	31	Port Area (cm ²):	138,7
Tuning Frequency (Hz):	85	Port Length (cm):	7,0
Frequency (-3 dB) (Hz):	90,0		

Excursion Limited Maximum SPL at 1 meter (dB):	123,7	equal to	238,0 Watts	(Bass Band Power Rating)
Thermal Limited Maximum SPL at 1 meter (dB):	123,9	equal to	250,0 Watts	(Mid Band Power Rating)

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