

## LF Drivers

Ø 12 inches

**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



### SPECIFICATIONS

Nominal Diameter	<b>320 mm (12 in)</b>
Nominal Impedance	<b>8 Ω</b>
Minimum Impedance	<b>6.7 Ω</b>
Nominal Power Handling	<b>250 W</b>
<small>2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.</small>	
Continuous Power Handling	<b>500 W</b>
<small>Power on Continuous Program is defined as 3 dB greater than the Nominal rating.</small>	
Sensitivity	<b>101 dB</b>
<small>Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.</small>	
Frequency Range	<b>50 Hz - 4000 Hz</b>
Voice Coil Diameter	<b>65 mm (2.5 in)</b>
Winding Material	<b>Aluminium</b>
Former Material	<b>Glass Fibre</b>
Winding Depth	<b>12 mm (0.5 in)</b>
Magnetic Gap Depth	<b>7 mm (0.28 in)</b>
Flux Density	<b>1.4 T</b>
Woofers Cone Treatment	<b>None</b>

### PARAMETERS

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

Fs	<b>51 Hz</b>
Re	<b>5.8 Ω</b>
Qes	<b>0.19</b>
Qms	<b>7.6</b>
Qts	<b>0.18</b>
Vas	<b>101 dm<sup>3</sup> (3.56 ft<sup>3</sup>)</b>
Sd	<b>522 cm<sup>2</sup> (80.9 in<sup>2</sup>)</b>
η0	<b>6.8 %</b>
Xmax	<b>2.8 mm</b>
Xvar	<b>5 mm</b>
Mms	<b>37 g</b>
Bl	<b>19.1 Tm</b>
Le	<b>1.2 mH</b>
EBP	<b>268 Hz</b>

### DESIGN

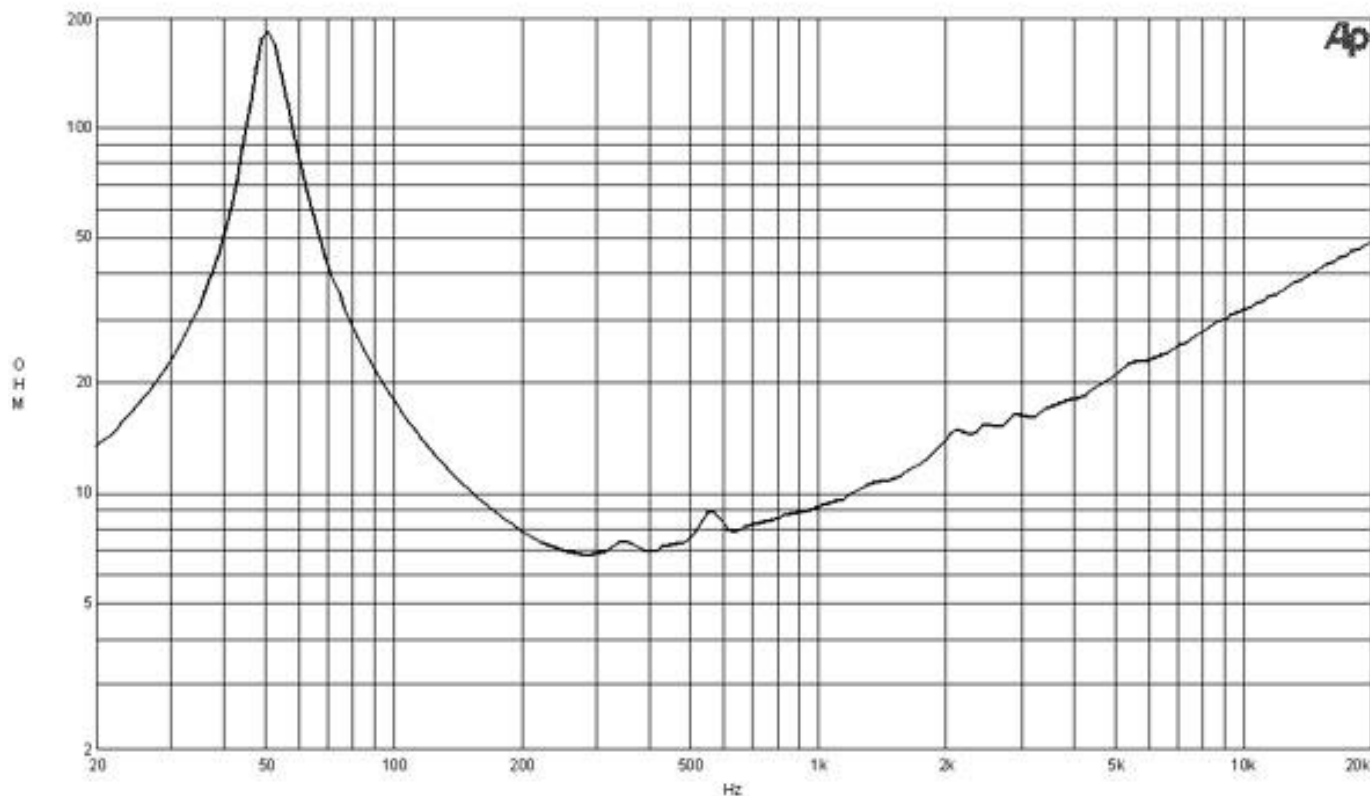
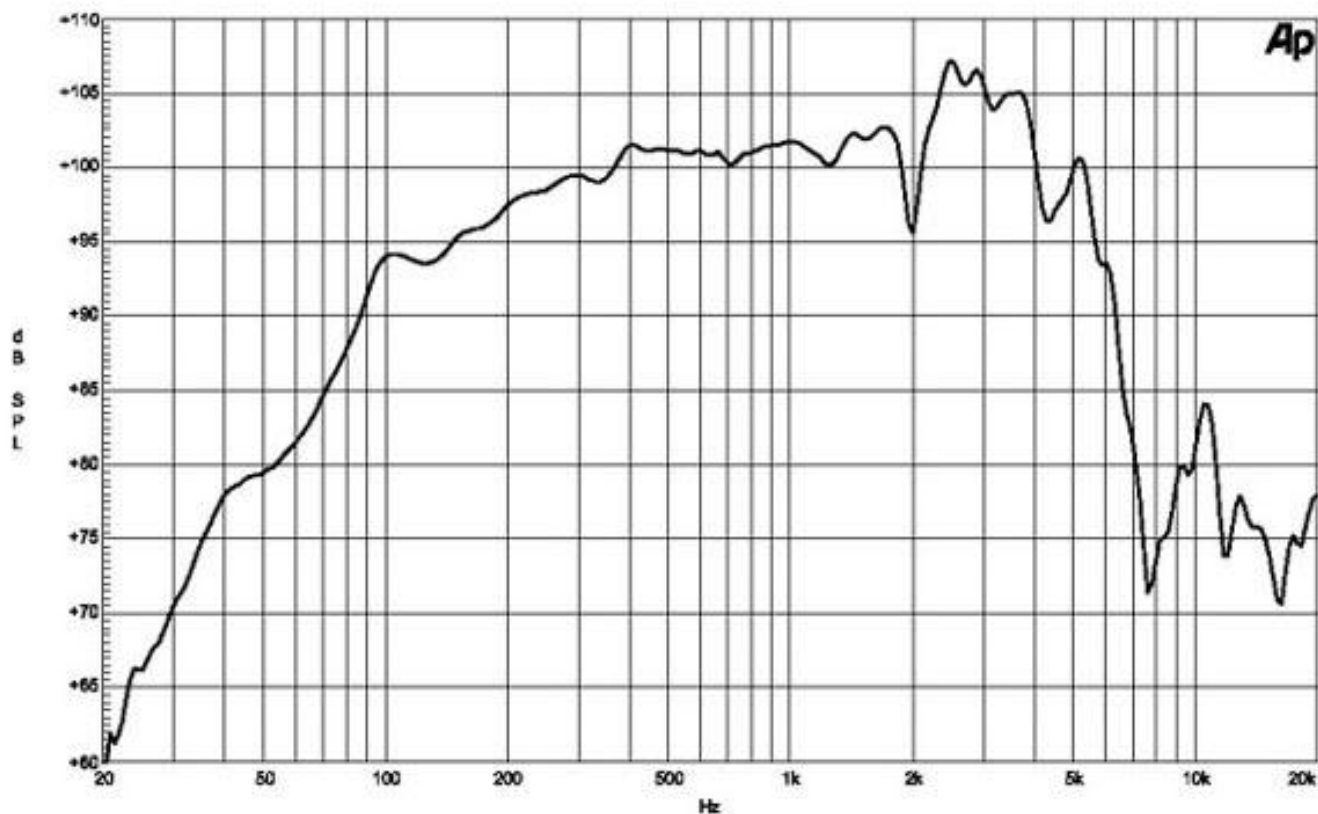
Surround Shape	<b>Triple Roll</b>
Cone Shape	<b>Exponential</b>
Magnet Material	<b>Ferrite</b>
Spider	<b>Single</b>
Pole Design	<b>Straight Pole</b>
Woofers Cone Treatment	<b>None</b>
Recommended Enclosure	<b>31 dm<sup>3</sup> (1.1 ft<sup>3</sup>)</b>
Recommended Tuning	<b>85 Hz</b>

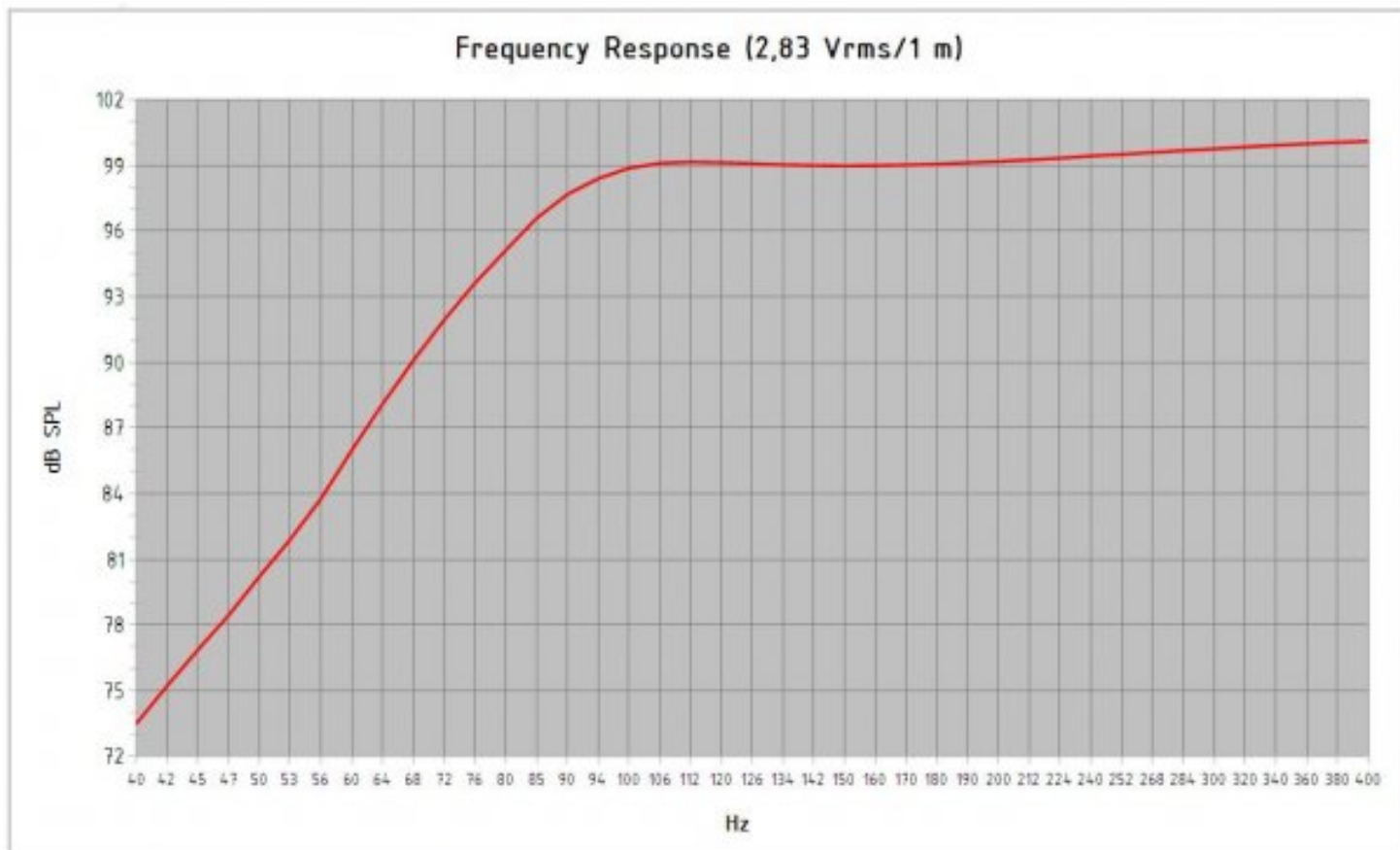
### MOUNTING AND SHIPPING INFO

Overall Diameter	<b>315 mm (12.4 in)</b>
Bolt Circle Diameter	<b>296 mm (11.6 in)</b>
Baffle Cutout Diameter	<b>282 mm (11.1 in)</b>
Depth	<b>135 mm (5.3 in)</b>
Flange and Gasket Thickness	<b>15 mm (0.59 in)</b>
Air Volume Occupied by Driver	<b>3.1 dm<sup>3</sup> (0.11 ft<sup>3</sup>)</b>
Net Weight	<b>7.6 kg (16.7 lb)</b>
Shipping Units	<b>1 pcs</b>
Shipping Weight	<b>8.5 kg (18.74 lb)</b>
Shipping Box	<b>360x360x200 mm (14.17x14.17x7.87 in)</b>

### SERVICE KITS

LF recone-kits	<b>RCK012PE328</b>
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<i>Model:</i>	<b>12 PE 32</b>		
<i>Enclosure Type:</i>	<b>Bass Reflex</b>		
<i>Internal Net Volume (Liters):</i>	<b>31</b>	<i>Port Area (cm<sup>2</sup>):</i>	<b>138,7</b>
<i>Tuning Frequency (Hz):</i>	<b>85</b>	<i>Port Length (cm):</i>	<b>7,0</b>
<i>Frequency (-3 dB) (Hz):</i>	<b>90,0</b>		
<i>Excursion Limited Maximum SPL at 1 meter (dB):</i>	<b>123,7</b>	equal to	<b>238,0</b> Watts (Bass Band Power Rating)
<i>Thermal Limited Maximum SPL at 1 meter (dB):</i>	<b>123,9</b>	equal to	<b>250,0</b> Watts (Mid Band Power Rating)

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