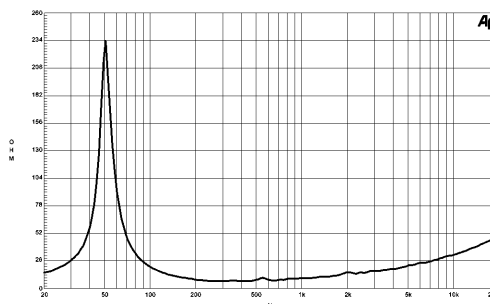
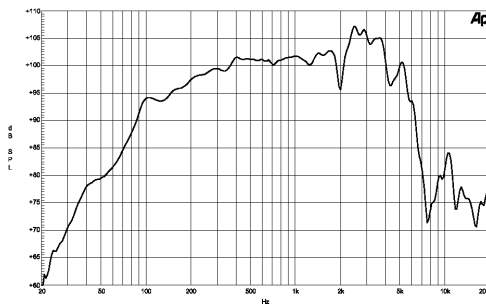




## 12 PE 32 | Mid-Bass

Very high efficiency 12" woofer, for mid-bass application. Excellent results in bass-reflex and horn loaded enclosures with very good linearity up to 2 kHz. A 2.5" aluminium voice coil and a low mass cone result in a 500W high sensitivity sound reinforcement system.



Horns  
HF Compression drivers  
Coaxials  
HPL  
Speakers

### Specifications

Nominal Diameter	320 mm (12 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.7 Ω
Power Handling (60 - 600 Hz)	
Nominal <sup>1</sup>	250 W
Continuous Program <sup>2</sup>	500 W
Sensitivity (1W/1m) <sup>3</sup>	101.5 dB
Frequency Range	50-4000 Hz
Voice Coil Diameter	65 mm (2.5 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	12 mm (1/2 in)
Magnetic Gap Depth	7 mm (9/32 in)
Flux Density	1.4 T

Also available in 4 Ω, data upon request

### Thiele & Small Parameters<sup>4</sup>

Fs	51 Hz
Re	5.8 Ω
Qes	0.19
Qms	7.6
Qts	0.18
Vas	101 dm <sup>3</sup> (3.56 ft <sup>3</sup> )
Sd	522 cm <sup>2</sup> (80.9 in <sup>2</sup> )
η <sub>0</sub>	6.8%
X max	± 2.8 mm
X var	± 5 mm
Mms	37 g
Bl	19.1 T·m
Le	1.2 mH

### Mounting and Shipping Information

Overall Diameter	316 mm (12.4 in)
Bolt Circle Diameter	296 mm (11.6 in)
Baffle Cutout Diameter	282 mm (11.1 in)
Depth	134 mm (5.3 in)
Flange and Gasket Thickness	16 mm (5/8 in)
Net Weight	7.6 kg (16.7 lb)
Shipping Weight	8.5 kg (18.7 lb)
Shipping Box	380x380x170 mm (15x15x6.7 in)

<sup>1</sup> 2 hours test made with continuous pink noise signal (6 dB crest factor) within the specified range. Power calculated on rated minimum impedance. Loudspeaker in free air.

<sup>2</sup> Power on Continuous Program is defined as 3 dB greater than the Nominal rating.

<sup>3</sup> Applied RMS Voltage is set to 2.83V for 8 ohms Nominal Impedance. Average SPL from 200 to 4000 Hz.

<sup>4</sup> Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

