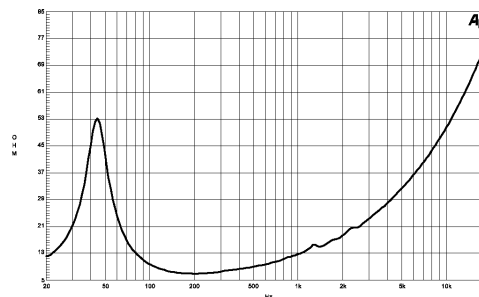
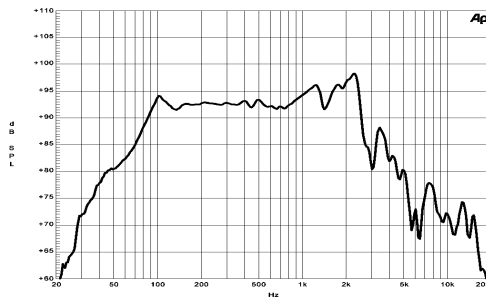




12 PS 32 | Woofer

This 12" woofer with 1400W maximum power handling is recommended for the most demanding sound reinforcement application. A special 4" voice coil using proprietary high temperature adhesives and an optimized magnet assembly guarantee a very good LF dynamic range with a very low distortion figure. Sub compact reflex systems set new standards employing the ultra high power 12 PS 32.



Horns
HF Compression drivers
Coaxials
HPL
Speakers

Specifications

Nominal Diameter	320 mm (12 in)
Nominal Impedance	8 Ω
Minumum Impedance	7.2 Ω
Power Handling (60 -600 Hz)	
Nominal ¹	700 W
Continuous Program ²	1400 W
Sensitivity (1W/1m) ³	94 dB
Frequency Range	45-2000 Hz
Voice Coil Diameter	100 mm (4 in)
Winding Material	Aluminium
Former Material	Kapton
Winding Depth	18.5 mm (23/32 in)
Magnetic Gap Depth	8.5 mm (11/32 in)
Flux Density	1.1 T

Thiele & Small Parameters⁴

Fs	44 Hz
Re	5.9 Ω
Qes	0.39
Qms	3.2
Qts	0.35
Vas	82 dm ³ (2.9 ft ³)
Sd	522 cm ² (80.9 in ²)
η ₀	1.8%
X max	± 6 mm
X var	± 7.5 mm
Mms	60 g
Bl	15.9 T·m
Le	1.8 mH

Mounting and Shipping Information

Overall Diameter	319 mm (12.5 in)
Bolt Circle Diameter	299 mm (11.8 in)
Baffle Cutout Diameter	282 mm (11.1 in)
Depth	120 mm (4.7 in)
Flange and Gasket Thickness	16 mm (5/8 in)
Net Weight	9.3 kg (20.5 lb)
Shipping Weight	10.4 kg (22.9 lb)
Shipping Box	380x380x170 mm (15x15x6.7 in)

¹ 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.

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

³ Applied RMS Voltage is set to 2.83V for 8 ohms Nominal Impedance. Average SPL from 200 to 2500 Hz.

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



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