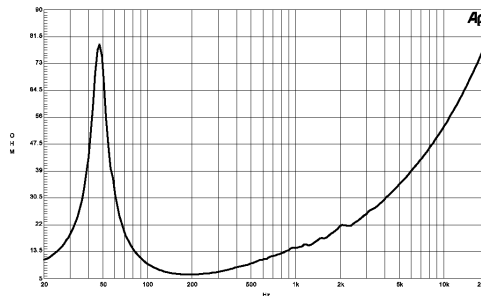




## 15 PK 40 | Woofer

High efficiency 15" woofer with a very flat frequency response up to 2 kHz and high power handling (800W). Good LF performance, smooth voice response, and compatibility with compact bass-reflex enclosures, the 15 PK 40 achieves perfect balance in two-way systems.



Horns  
HF Compression drivers  
Coaxials  
HPL  
Speakers

### Specifications

Nominal Diameter	380 mm (15 in)
Nominal Impedance	8 $\Omega$
Minimum Impedance	6.2 $\Omega$
Power Handling (50 - 500 Hz)	
Nominal <sup>1</sup>	400 W
Continuous Program <sup>2</sup>	800 W
Sensitivity (1W/1m) <sup>3</sup>	99 dB
Frequency Range	50-2000 Hz
Voice Coil Diameter	76 mm (3 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	16 mm (5/8 in)
Magnetic Gap Depth	9 mm (11/32 in)
Flux Density	1.1 T

Also available in 4  $\Omega$ , data upon request

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

Fs	47 Hz
Re	5.1 $\Omega$
Qes	0.33
Qms	5.1
Qts	0.31
Vas	140 dm <sup>3</sup> (4.9 ft <sup>3</sup> )
Sd	855 cm <sup>2</sup> (132.5 in <sup>2</sup> )
$\eta_0$	4.2%
X max	$\pm 4$ mm
X var	$\pm 6$ mm
Mms	84 g
Bl	19.7 T·m
Le	2.3 mH

### Mounting and Shipping Information

Overall Diameter	394 mm (15.5 in)
Bolt Circle Diameter	374 mm (14.6 in)
Baffle Cutout Diameter	355 mm (13.9 in)
Depth	162 mm (6.4 in)
Flange and Gasket Thickness	16 mm (5/8 in)
Net Weight	8.3 kg (18.3 lb)
Shipping Weight	9.6 kg (21.1 lb)
Shipping Box	450x450x200 mm (17.7x17.7x8 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 2000Hz.

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



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