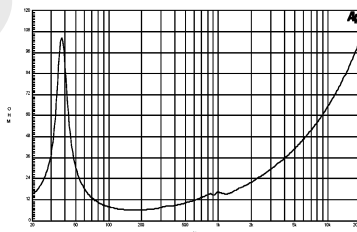
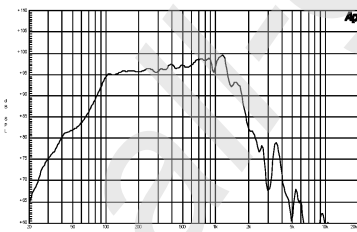




15 TBX 40 | Woofer

2000 W power handling, 4" voice coil with very high thermal capability and a ventilated magnet assembly that allows a low power compression. A very low distortion figure is obtained using a double spider design and dual demodulation rings in the magnetic path. Proprietary water-proof cone treatment for safe use in adverse climatic conditions. State of the art performance, in the smallest possible enclosure, set the 15 TBX 40 as a benchmark loudspeaker.



Horns

HF Compression drivers

Coaxials

HPL

Speakers

Specifications

Nominal Diameter	380 mm (15 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.1 Ω
Power Handling (40 -400 Hz)	
Nominal ¹	1000 W
Continuous Program ²	2000 W
Sensitivity (1W/1m) ³	97 dB
Frequency Range	35 -1800 Hz
Voice Coil Diameter	100 mm (4 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	25 mm (1 in)
Magnetic Gap Depth	12 mm (.47 in)
Flux Density	1.1 T

Also available in 4 Ω, data upon request

Thiele & Small Parameters⁴

Fs	38 Hz
Re	5.2 Ω
Qes	0.29
Qms	6.3
Qts	0.28
Vas	131 dm ³ (4.6 ft ³)
Sd	855 cm ² (132.5 in ²)
η ₀	2.3 %
X max	± 9 mm
X Var	± 11 mm
Mms	141 g
Bl	24.6 T·m
Le	1.8 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	158 mm (6.2 in)
Flange and Gasket Thickness	16 mm (0.63 in)
Net weight	10.2 kg (22.4 lb)
Shipping Weight	11.5 kg (25.3 lb)
Shipping Box	450x450x200 mm (17.7x17.7x8 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 1200Hz.

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

