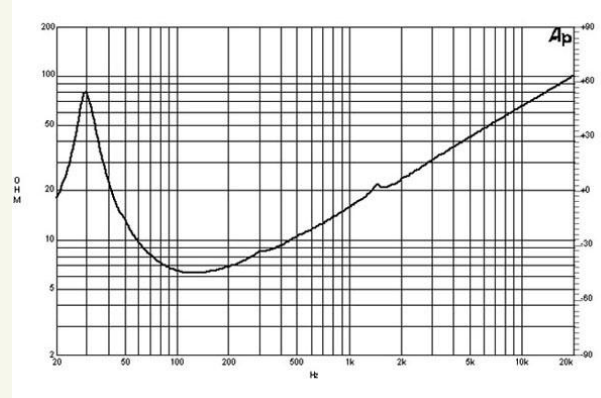
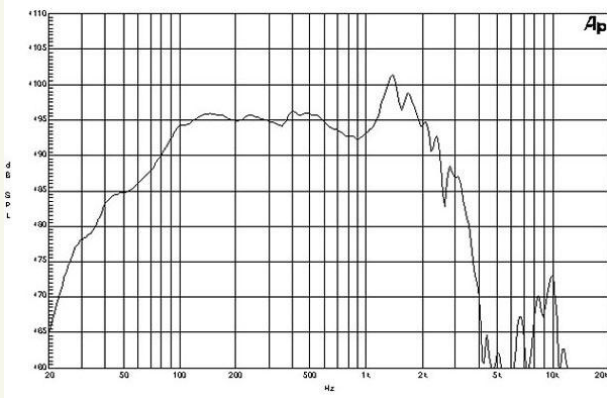




18PS100 | Subwoofer

1400 W continuous program power capacity
 100 mm (4 in) copper voice coil
 30 – 1000 Hz response
 95.5 dB sensitivity
 Double silicone spider with optimized compliance



Horns
 HF Drivers
 Coaxials
 LF Nd Drivers
 LF Drivers

Specification

Nominal Diameter	460 (18) mm (in)
Nominal Impedance (1)	8 Ohm
Minimum Impedance	6.3 Ohm
Nominal Power Handling (2)	700 W
Continuous Power Handling (3)	1400 W
Sensitivity (1W/1m) (4)	95.5 dB
Frequency Range	30 - 1000 Hz
Voice Coil Diameter	100 (4) mm (in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	21 (0.83) mm (in)
Magnetic Gap Depth	10.5 (0.4) mm (in)
Flux Density	1.05 T

Thiele & Small Parameters

Fs	30 Hz
Re	5.3 Ohm
Qes	0.41
Qms	4.6
Qts	0.39
Vas	245 (8.6) dm3 (ft3)
Sd	1210 (187.6) cm2 (in2)
Eta Zero	1.6 %
Xmax	+/- 8 mm
Xvar	+/- 8 mm
Mms	202 g
Bl	22.5 Txm
Le	2.1 mH

Mounting and Shipping Info

Overall Diameter	460 mm (18 in)
Bolt Circle Diameter	440 mm (17.3 in)
Baffle Cutout Diameter	422 mm (16.6 in)
Depth	197 mm (7.75 in)
Flange and Gasket Thickness	16 mm (5/8 in)
Net Weight	10.5 kg (23.1 lb)
Shipping Weight	11.9 kg (26.2 lb)
Shipping Box	500x500x250 mm (19.7x19.7x9.8 in)

- ¹For different impedances, please ask.
- ²2 hours test made with continuous pink noise signal (6 dB crest factor). Power calculated on rated minimum impedance.
- ³Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
- ⁴Applied RMS Voltage is set to 2.83V for 8 ohms Nominal Impedance.

