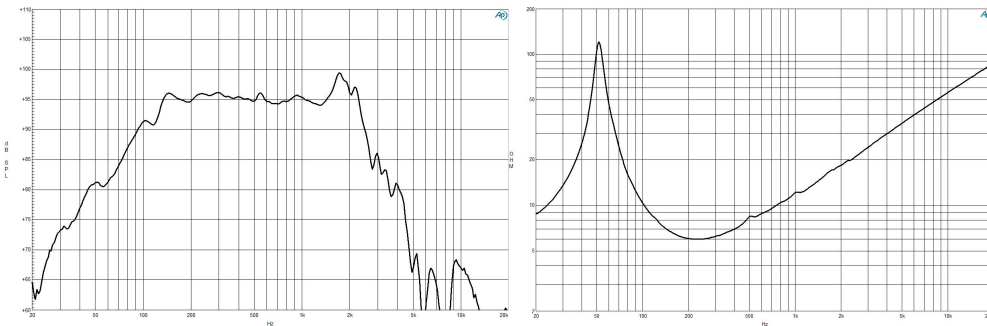
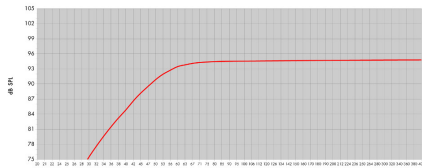


- 1200 W continuous program power capacity
- 100 mm (4 in) aluminium voice coil
- 50 - 2500 Hz response
- 97 dB sensitivity
- Excursion optimized lead wires (woven through spider)
- Aluminium demodulating ring allows a very low distortion figure
- Ventilated voice coil gap for reduced power compression



Frequency Response (1W/1m)



Model	12PLB100	Configuration	One Driver
Enclosure Type	Open Baffle		
Internal Net Volume [l]	40	Q5	2
Cut-off Frequency [Hz]	21	Part Area [cm²]	1400
Frequency (3 dB) [Hz]	52,7	Part Length [cm]	20,3
Frequency (12 dB) [Hz]	40,0		

## SPECIFICATIONS

Nominal Diameter	320 mm (12 in)
Nominal Impedance	8 Ω
Minimum Impedance	6 Ω
Nominal Power Handling	600 W 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.
Continuous Power Handling	1200 W Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
Sensitivity	97 dB Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
Frequency Range	50 Hz - 2500 Hz
Voice Coil Diameter	100 mm (4 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	23 mm (0.91 in)
Magnetic Gap Depth	10 mm (0.39 in)
Flux Density	1 T
Woofer Cone Treatment	WP Waterproof Front Side

## PARAMETERS

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

Fs	50 Hz
Re	5.1 Ω
Qes	0.38
Qms	9.2
Qts	0.37
Vas	47 dm <sup>3</sup> (1.66 ft <sup>3</sup> )
Sd	531 cm <sup>2</sup> (82 in <sup>2</sup> )
η0	1.7 %
Xmax	9 mm
Xvar	7 mm
Mms	77 g
Bl	18.4 Tm
Le	1.6 mH
EBP	132 Hz

## DESIGN

Surround Shape	Triple Roll
Cone Shape	Radial
Magnet Material	Ferrite
Spider	Single
Pole Design	T-Pole
Woofer Cone Treatment	WP Waterproof Front Side
Recommended Enclosure	40 dm <sup>3</sup> (1.41 ft <sup>3</sup> )
Recommended Tuning	52 Hz

## MOUNTING AND SHIPPING INFO

Overall Diameter	319 mm (12.5 in)
Bolt Circle Diameter	299 mm (11.8 in)
Baffle Cutout Diameter	282 mm (11.1 in)
Depth	122 mm (4.8 in)
Flange and Gasket Thickness	12 mm (0.47 in)
Air Volume Occupied by Driver	3.5 dm <sup>3</sup> (0.12 ft <sup>3</sup> )
Net Weight	8.4 kg (18.52 lb)
Shipping Units	1 pcs
Shipping Weight	9.3 kg (20.5 lb)
Shipping Box	360x360x200 mm (14.17x14.17x7.87 in)

## SERVICE KITS

LF recone-kits	RCK12PLB1008
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