

KEY FEATURES

- 90 Watt Max Power
- 1" Horn throat diameter
- Flat Titanium diaphragm
- 38 mm (1.50 in) voice coil, aluminium wire
- 16 Ohm available



GENERAL

Throat Diameter	1" - 25,4 mm	
Nominal Impedance	8 Ohm	
Voice coil resistance	5,8 Ohm	±0,4 Ohm
Minimum Impedance	7,2 Ohm	±0,7 Ohm
Power handling (AES) (*)	45 Watt	
Max Power	90 Watt	
Voice Coil Diameter	38 mm	1,50 in
S.P.L. (1w, 1m)	109 dB	
Nominal Fs	1600 Hz	±200 Hz
Flux Density	1,65 T	±0,1 T
Crossover Frequency	2 kHz	12 dB/oct
Frequency Range	1,2-18 kHz	
Sinusoidal Test Voltage	3 V RMS	

(*) Life Test

Horn	PR 312
Input Signal	Pink Noise
Band Pass Filter	2-20Khz, 12 db/B/oct
V on Speaker	18 V RMS
Test duration	2 hours

MECHANICAL DATA

Weight	1.46 kg
Overall Diameter	102 mm
Overall Depth	66 mm
Mounting holes number	2 180°
Mounting holes diameter	M5 screw
Mounting bolt diameter	76 mm

MATERIALS

Pot Material	Plastic
Voice Coil Former	Kapton
Voice Coil Wire	Aluminium
Membrane Material	Titanium
Membrane Shape	Flat
Surround Material	Titanium
Surround Shape	Flat
Magnet Type	Ferrite
Magnet Weight	510 g

DIAGRAM

Frequency Response with horn PR 312 - 1m - 2.83
 Impedance (Iac=10m A)

