

KEY FEATURES

- 110 Watt Max Power
- 1" Horn throat diameter
- Titanium diaphragm
- 44 mm (1.73 in) voice coil, aluminium wire
- Neodymium ring magnet structure
- Copper short. cap for extended frequency response
- 16 Ohm available



GENERAL

Throat Diameter	1" - 25,4 mm	
Nominal Impedance	8 Ohm	
Voice coil resistance	5,4 Ohm	±0,4 Ohm
Minimum Impedance	7,4 Ohm	±0,7 Ohm
Power handling (AES) (*)	55 Watt	
Max Power	110 Watt	
Voice Coil Diameter	44 mm	1,73 in
S.P.L. (1w, 1m)	107 dB	
Nominal Fs	700 Hz	±100 Hz
Flux Density	1,85 T	±0,1 T
Crossover Frequency	1,6 kHz	12 dB/oct
Frequency Range	1,2 - 20 kHz	
Sinusoidal Test Voltage	3 V RMS	

(*) Life Test

Horn	PR 312
Input Signal	Pink noise
Band Pass Filter	2-20kHz, 12dB/oct
V on Speaker	21 V RMS
Test duration	2 hours

MECHANICAL DATA

Weight	1,06 kg
Overall Diameter	85 mm
Overall Depth	58 mm
Mounting holes number	2 180° / 3 120°
Mounting holes diameter	M6 screw
Mounting bolt diameter	76 + 57 mm

MATERIALS

Pot Material	Plastic
Voice Coil Former	Kapton
Voice Coil Wire	Aluminium
Membrane Material	Titanium
Membrane Shape	Dome
Surround Material	Titanium
Surround Shape	Flat with corrugations
Magnet Type	Neodymium
Magnet Weight	223 g

DIAGRAM

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

