

**PROFESSIONAL LOUDSPEAKER**

**IT12-250**



**Specifications**

**General Specifications**

Nominal diameter.....	305 mm/12 in
Power rating.....	250 W(AES)
Nominal impedance.....	8
Sensitivity.....	93 dB
Frequency range.....	45-3000 Hz
Chassis type.....	Heavy Duty Stamp Steel
Magnet type.....	Ferrite
Magnet weight.....	1.4 kg/49.7 oz
Voice coil diameter.....	63.7 mm/2.5 in
Coil material.....	CCA-W
Former material.....	Glass fiber
Cone material.....	Paper
Surround material.....	Cloth
Suspension.....	Single
X-max.....	3.5 mm/0.14 in
Gap depth.....	8 mm/0.31 in
Voice coil winding width.....	15.1 mm/0.59 in
Net Weight.....	4.8 kg/10.6 lb
Packing Dimension WxDxH.....	355 x 355 x170 mm
Shipping Weight.....	5.2 kg/11.5 lb

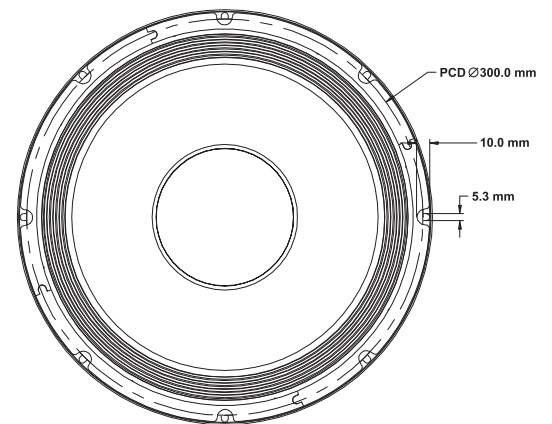
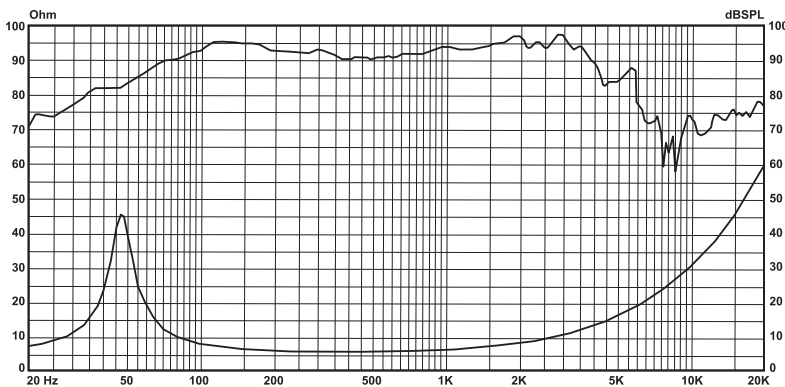
**Small Signal Parameters**

Re.....	5.5
Fs.....	47 Hz
Mms.....	55.25 g/2.0 oz
Mmd.....	48.21 g/1.7 oz
Qms.....	4.95
Qes.....	0.68
Qts.....	0.60
Vas.....	81.05 lt/2.9 ft
SD.....	530 cm <sup>2</sup>
Bl.....	11.53 Tm
Cms.....	2.1e-04 m/N
Rms.....	3.33 Ns/m
Le (at 1kHz).....	0.47 mH

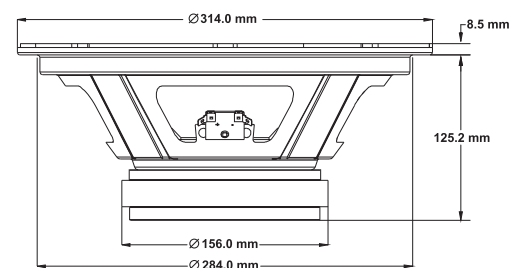
**Features**

- 12" Woofer
- 2.5" Voice Coil
- 250 Watts Power Handling
- Ferrite Magnet
- Stamped Steel Chassis

**Frequency Response and Impedance Curves**



TOP VIEW



SIDE VIEW