

**PROFESSIONAL LOUDSPEAKER**

**IT15-800**

**Specifications**

**General Specifications**

Nominal diameter.....	381 mm/15 in
Power rating.....	800 W(AES)
Nominal impedance.....	8Ω
Sensitivity.....	97 dB
Frequency range.....	50-2000 Hz
Chassis type.....	Cast aluminum
Magnet type.....	Ferrite
Magnet weight.....	3.56 kg/125.7 oz
Voice coil diameter.....	101.6 mm/4.0 in
Coil material.....	CCA-R
Former material.....	Glass fiber
Cone material.....	Paper
Surround material.....	Cloth
Suspension.....	Single
X-max.....	3.5 mm/0.14 in
Gap depth.....	12 mm/0.47 in
Voice coil winding width.....	19 mm/0.75 in
Net Weight.....	12 kg/26.5 lb
Packing Dimension WxDxH.....	430 x 430 x 225 mm
Shipping Weight.....	13.6 kg/30 lb

**Small Signal Parameters**

Re.....	5.7Ω
Fs.....	46 Hz
Mms.....	88.20 g/3.11 oz
Mmd.....	73.82 g/2.61 oz
Qms.....	7.98
Qes.....	0.43
Qts.....	0.41
Vas.....	136.71 lt/4.83 ft <sup>3</sup>
SD.....	855 cm <sup>2</sup>
Bl.....	18.45 Tm
Cms.....	1.3e-04 m/N
Rms.....	3.24 Ns/m
Le (at 1kHz).....	0.64 mH

**Features**

- 15" Woofer
- 4" Voice Coil
- 800 Watts Power Handling
- Ferrite Magnet
- Die Cast Aluminum Chassis

**Frequency Response and Impedance Curves**

