



# F-400/400

Capital Radio is the only company in India having total in-house facility to manufacture all metal components of a loudspeaker, giving it an edge over all manufacturers in price, quality and flexibility to make speakers to customers specifications.

The range of speakers lies from 8" to 21" in spun steel and aluminum frames and also in ferrite or neodymium magnets.

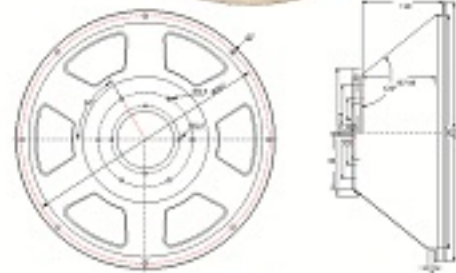
Coil production is in-house in copper, aluminium and copper clad aluminium

## SPECIFICATION

Power Rating	400W
Music Program	800W
Resonance	34 Hz
Frq. Range	45-5KHz
Sensitivity	97 db
VC Dia	3" (76mm)

## ELECTRO-MECHANICAL PARAMETERS

DC Resistance	6.2 Ohm
Resonance Freq	33.75 Hz
S. Area Of Cone	98.98M <sup>2</sup>
K <sub>rm</sub>	137.02m Ohm
E <sub>rm</sub>	0.513
K <sub>xm</sub>	55.617m H
E <sub>xm</sub>	0.583
V <sub>as</sub>	257.763m M <sup>3</sup>
C <sub>ms</sub>	185.284u M/N
M <sub>md</sub>	84.207 m Kg
Diaph. Mass (including air load)	120.018 m Kg
B <sub>l</sub>	22 Tm
Mechanical Q <sub>ms</sub>	5.866
Electromech, Q <sub>es</sub>	0.325
Total Q <sub>ts</sub>	0.308
Efficiency	2.946 %
SPL	96.71dB
Nom Basket Dia	15" 380mm
Nominal Impedance	8 Ohms



## ADDITIONAL INFORMATION

Magnetic Material	Sr+ <sup>2</sup> Ferrite mgt
Weight	2820g
MagDia Depth	220mm x 20mm
Mag. Assbly Wgt.	6120g
Core details	Vented & Extended
Frame Matri	Spun&Stamped Mild stl
Frame finish	Black Matt
Voice Coil Mat.	Copper
Voice Coil Former	Polyimide
Cone Material	Non pressed long Fiber pulp
Cone Edge	Composition Cloth
Dust Cap	Solid Composition paper

## SHIPPING INFORMATION

Net Weight	8960gm
Gross Weight	9700gm
Box Dimension	390x390x170mm
Master Cart. Dim.	31"x15.5"x14"
No of Pcs/Carton	4

Capital Radio Company, New Delhi-110020, India