



F-450/750



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.

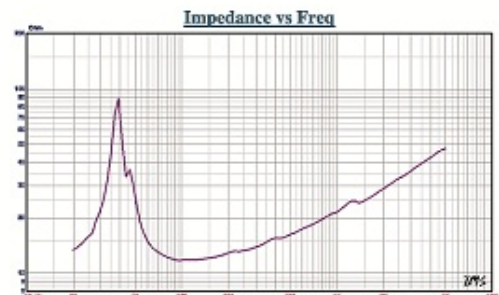
Coil production is in-house in copper, aluminium and copper clad aluminium

SPECIFICATION

Power Rating	750W
Music Program	850W
Resonance	43 Hz
Frq. Range	55-3KHz
Sensitivity	97 dB
VC Dia	4"(102.8mm)

ELECTRO-MECHANICAL PARAMETERS

DC Resistance	5.6 Ohm
Resonance Freq	43.361 Hz
S. Area Of Cone	141.863mM ²
K _{rm}	42.533m Ohm
E _{rm}	0.626
K _{xm}	61.277m H
E _{xm}	0.579
V _{as}	234.768m M ³
C _{ms}	82.151u M/N
M _{md}	133.268 m Kg
Diaph. Mass (including air load)	163.992 m Kg
BI	20Tm
Mechanical Q _{ms}	4.425
Electromech, Q _{es}	0.609
Total Q _{ts}	0.536
Efficiency	3.038%
SPL	97dB
Nom Basket Dia	18" 455mm
Nominal Impedance	8 Ohms



ADDITIONAL INFORMATION

Magnetic Material	Sr ⁺ 2 Ferrite mgt
Weight	2820g
MagDia Depth	220mm x 20mm
Mag. Assbly Wgt.	9320g
Core details	Vented & Extended
Frame Matrl	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	12080gm
Gross weight	14240gm
BOX Dimension	460x460x210mm
Cart Dimension	
No/Cartron	