



12Nf100



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	100W
Music Program	200W
Resonance	51 Hz
Frq. Range	55-3KHz
Sensitivity	97 db
VC Dia	1.5"(38.5mm)

ELECTRO-MECHANICAL PARAMETERS

DC Resistance	6.5 Ohm
Resonance Freq	51.782 Hz
S. Area Of Cone	61.575mM ²
K _{rm}	88.897m Ohm
E _{rm}	0.491
K _{xm}	90.422m H
E _{xm}	0.437
V _{as}	96.476m M ³
C _{ms}	179.695u M/N
M _{md}	35.000 m Kg
Diaph. Mass (including air load)	52.575 m Kg
Bl	16.6 Tm
Mechanical Q _{ms}	2.887
Electromech, Q _{es}	0.404
Total Q _{ts}	0.354
Efficiency	3.2160%
SPL	97.091 dB
Nom Basket Dia	12" 305mm
Nominal Impedance	8 Ohms



ADDITIONAL INFORMATION

Magnetic Material	Neodymium mgt
Weight	102 gm
MagDia Depth	80mm x 54 mm
Mag. Assbly Wgt.	900 gm
Core details	Vented & Extended
Frame Matr	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	2720gm
Gross weight	2200gm
Box Dimension	320x320x150mm
Cart Dimension	24"x13"x25.5"
No/ Carton	8