



AERONS (INDIA)



15BM1200

15" Bass Mid Driver



15BM1200 – 15" Bass Mid Speaker is engineered for powerful mid-bass performance with clarity and control, making it ideal for professional PA systems, line arrays, and high-output speaker cabinets. Designed to handle demanding sound reinforcement applications, it delivers strong punch, high efficiency, and consistent performance.

With a robust 1200W RMS power handling and a heavy-duty 4" (99.3 mm) voice coil, the 15BM1200 is built to withstand continuous high power levels. The optimized motor structure and rigid frame ensure accurate cone movement, resulting in tight bass and clean midrange response.

Covering a wide 45 Hz – 3 kHz frequency range with 96 dB sensitivity, this driver offers excellent projection and vocal presence. Enhanced with ICE (Integrated Cooling Enhancement) Technology, it maintains thermal stability for long hours of operation. The 15BM1200 is a reliable choice for professionals seeking high power, clarity, and durability in a bass-mid speaker.



45HZ- 3KHZ

Frequency Response



1200W

RMS Power



IN/OUT

Voice Coil



4 INCH

Voice Coil



8 OHMS

Impedance



Y35 FERRITE

Magnet



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TECHNICAL SPECIFICATIONS

Nominal Diameter	15 inch
Nominal Impedance	8 ohms
Minimum Impedance	5.1 ohms
Nominal Power Handling	1200 Watts
Continuous Power Handling	2400 Watts
Sensitivity	96dB
Frequency Range	45Hz - 3kHz
Voice Coil Diameter	99.3mm
Voice Coil Material	CCAW
Voice Coil Winding Depth	28.6mm
Effective Diaphragm Diameter	332mm
Kind of layer	In/Out
Number of Layer	2
Top Plate thickness	15
Spider	Silicon Spider
Flux Density	1.2T
Magnet Diameter	220*30mm
Magnet Material	Strontium Ferrite
Magnet Grade	Y35 Grade
Magnet Gap Depth	15

THIELE SMALL PARAMETERS

Resonance Frequency	Fs	45.0 Hz
DC Resistance	Rte	5.1 Ohm
Mechanical Factor	Qms	13.57
Electrical Factor	Qes	0.404
Total Factor	Qts	0.392
BL Factor	BL	22.83 T-m
Effective Moving Mass	Mms	136.43 gr
Equivalent Cas Air Load	Vas	93.60 litre
Effective Piston Area	Sd	855.3 cm sq
Max. Linear Excursion	Xmax	10.5mm
Half Space Efficiency	Eff	2.07%
Efficiency Bandwidth Product	EBP	111.386
Compliance Value	CMS	0.09mm/N

MOUNTING AND SHIPPING INFO

Overall Diameter	393mm
Bolt Circle Diameter	375mm
Bolt Hole Diameter	7mm
Overall Depth	189mm
Magnet Diameter	220mm
Net weight	13.95 kgs

