

AHUJA[®]

AS15-X200

PROFESSIONAL PA SPEAKER

200
Watts RMS

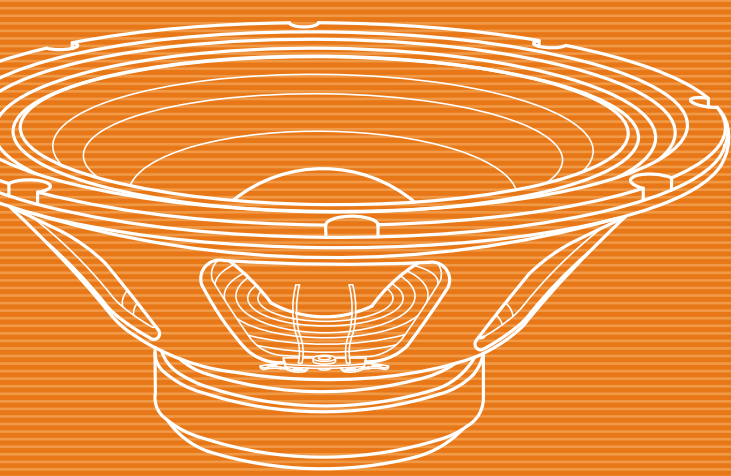


AHUJA introduces a very attractively priced 15" mid-bass speaker, which can be combined with a suitable tweeter or compression horn driver to give excellent full range sound, suitable for all sound reinforcement applications. It gives vibrant, clear low-mid frequencies at high sound pressure levels.

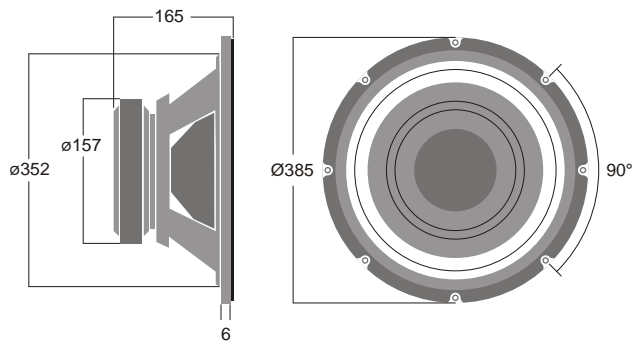
Features & Applications

- 200W RMS continuous power handling.
- Sensitivity 98dB/1W/1m.
- Special high temperature voice coil for exceptional thermal capabilities.
- Sturdy pressed metal frame in brown colour, powder painted for high durability.
- Suitable for use in 2-way sealed as well as bass reflex enclosures.
- Excellent low frequency response, making it ideal for Dandiya-Ras, DJs and general PA applications.

EFFICIENT / ECONOMICAL / EXCELLENT PERFORMANCE

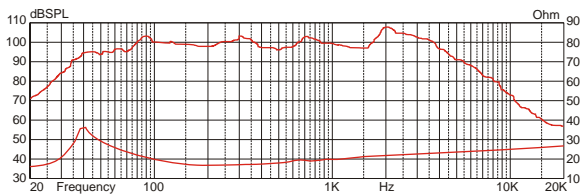


Dimensions



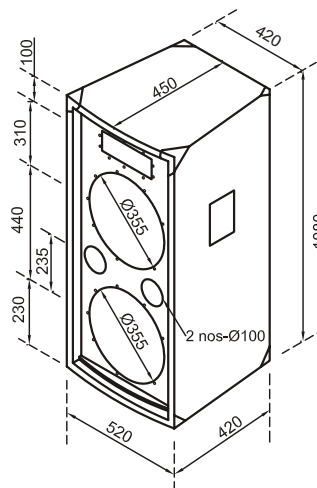
All dimensions are in mm.

Frequency Response Curve

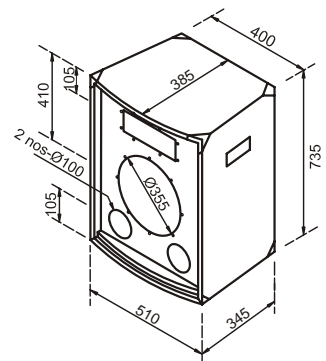


Recommended Enclosure

- Ensure that all corners and joints of the enclosure are perfectly glued, screwed and sealed to avoid cabinet resonances and air leaks.
- Use minimum 18 mm thick MDF board and internally line the enclosure using 1" thick polywool sound absorbent.



All dimensions are in mm.



Specifications

Power Rating	200W RMS	Surface Area of Cone (Sd)	830cm ²
Nominal Diameter	380 mm (15")	Reference Efficiency (η _o)	2.1%
Nominal Impedance	8Ω	Voice Coil Diameter	2"
Sensitivity (1W/1m)	98dB	Overhang (X _{max})	3.5 mm
Magnet Weight	1.54kg	Moving Mass (M _{ms})	73 gm
Resonant Frequency (F _s)	45Hz	BL Product (BL)	13.4TM
Nominal DC Resistance (R _e)	6.0Ω	Overall Diameter	385 mm
Electromagnetic Q (Q _{es})	0.58	Depth	165 mm
Mechanical Q (Q _{ms})	9.6	Baffle Hole Diameter	355 mm
Total Q (Q _{ts})	0.54	Bolt Mount Diameter (PCD)	373 mm (8 Bolts)
Compliance Equivalent Volume (V _{AS})	115 Litr	Weight	4.9kg approx.

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AHUJA RADIOS

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