

L18-SW1500

Super Power 45.72cm (18") Extended Low Frequency Speaker

DESCRIPTION :

The Ahuja L18-SW1500 is a 1500W super power 45.72cm (18") extended low frequency speaker with a 12.7cm (5") i/o copper voice coil for higher efficiency. It has a vented aluminium die-cast frame with built-in heat sink for enhanced heat dissipation.

It has a higher grade and heavy duty ferrite magnet in rigid assembly.



FEATURES :

- Super Power & Efficient Speaker with Extended Low Frequency Response.
- For use in Professional High Power sub-woofer Speaker Systems.
- 12.7cm (5") I/O copper voice coil for higher efficiency.
- Vented Aluminium Die-cast frame with built-in heat sink for enhanced heat dissipation.
- Higher grade and heavy duty ferrite magnet in rigid assembly.
- Double spider design for better excursion control.

SPECIFICATIONS :

Power Rating	1500W RMS
Nominal Diameter	460mm (18")
Nominal Impedance	8Ohm
Sensitivity (1W/1m)	98 dB
Magnet Weight	5.65kg
Resonant Frequency (Fs)	40Hz
DC Resistance (Re)	5.6Ohm
Electromagnetic Q (Qes)	0.362
Mechanical Q (Qms)	9.61
Total Q (Qts)	0.239
Compliance Equivalent Volume (VAS)	158 Litr
Surface Area of Cone (Sd)	0.1288cm ²

Reference Efficiency (o)	3.1%
Voice Coil	5.0"
Overhang (Xmax)	9.6mm
Moving Mass (Mms)	236gm
BL Product (BL)	33.0TM
Coil Inductance (Le)	3.924mH/1.73mH
Overall Diameter	488 ×472 mm
Depth	190 mm
Baffle Hole Diameter	430 mm
Bolt Mount Diameter (PCD)	442 mm (8 Bolts)
Weight	20.05kg

Specifications from the official Ahuja catalogue. Issued for customer reference.