

L18-SW2500

Super Power 18" Extended Low Frequency Speaker

DESCRIPTION :

The Ahuja L18-SW2500 is a 2500W super power 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 dual ferrite magnet in rigid assembly.



FEATURES :

- Powerful & Rugged 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 dual ferrite magnet in rigid assembly.
- Double spider design for better excursion control.
- Composite treated cone paper for better strength and reliability.
- Heavy duty push type terminals for easy and firm connection.

SPECIFICATIONS :

Power Rating	2500W RMS/5000W Programme
Nominal Diameter	460mm (18")
Nominal Impedance	8Ohm
Sensitivity (1W/1m)	97dB
Magnet Weight	9.04kg
Resonant Frequency	45Hz
DC Resistance (Re)	5.6Ohm
Electromagnetic Q (Qes)	0.26
Mechanical Q (Qms)	8.90
Total Q (Qts)	0.25
Compliance Equivalent Volume (VAS)	86.10 Litr
Surface Area of Cone (Sd)	1225cm ²

Reference Efficiency (o)	2.98%
Voice Coil	5.0"
Overhang (Xmax)	10.9mm
Moving Mass (Mms)	298.7gm
BL Product (BL)	42.88TM
Coil Inductance (Le)	2.74mH
Overall Diameter	466 mm
Depth	240 mm
Baffle Hole Diameter	420 mm
Bolt Mount Diameter (PCD)	445 mm (8 Bolts)
Weight	25.10kg

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