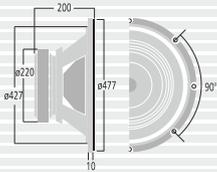


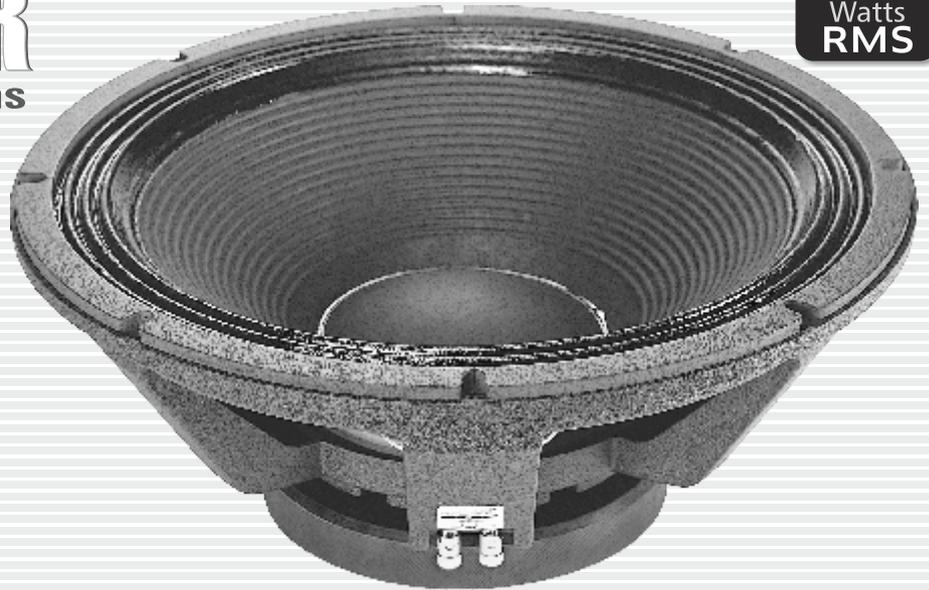
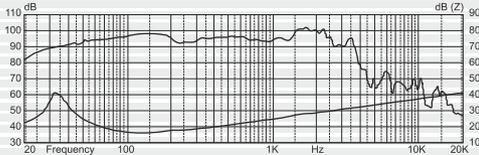
### High Power & Superior Performance for **SUB-WOOFER** Applications

**650**  
Watts  
RMS

#### Dimensions



#### Frequency Response Curve

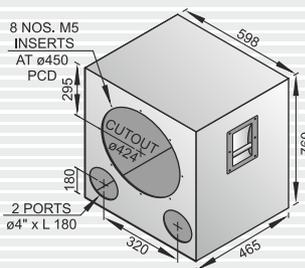


#### Features

- The L18-SW650 is a low frequency PA Speaker which meets the High Power handling and High Efficiency requirements of the most advanced Sound Systems. It reproduces peak levels with utmost linearity giving extremely low distortion.
- Tear resistant tetoron-cotton blend rolled cloth edge.
- Cotton polyester blend spider.
- Aluminium die-cast frame and robust construction.
- APS ferrite magnet.
- GLASS FIBER former voice coil for withstanding high temperature.
- 4" Edge-wound aluminium wire voice coil for higher SPL.
- Vented-gap Cooling Technique.
- To be used in large Ported Enclosures for Sub-Woofers Applications.
- Ideal for Cinema Screen Extended low frequency speaker systems.
- 650 Watts Continuous power handling.

#### Recommended Enclosure

- Ensure adequate reinforcement of enclosure by using wooden battens inside the cabinet.
- Use minimum 18mm thick MDF board and internally line the cabinet using 2" thick polywool sound absorbent.
- Port dimensions are of 4" Dia.x180mm Length (2 nos).



#### Specifications

Electro Mechanical	
Power Rating	: 650 Watts RMS
Nominal Chassis Diameter	: 457 mm (18")
Nominal Impedance	: 8 ohms
Sensitivity (1W/1m)	: 98 dB
Magnet Weight	: 3.56 Kg
Thiele Small Parameters	
Resonant Frequency	Fs : 32 Hz
Impedance	Re : 5.1 ohms
Electromagnetic Q	Qes : 0.26
Mechanical Q	Qms : 5.29
Total Q	Qts : 0.245
Compliance Equivalent Volume	VAS : 246 Litr
Surface Area of Cone	Sd : 1225 cm <sup>2</sup>
Reference Efficiency	η <sub>0</sub> : 3.12%
Voice Coil Overhang	X <sub>max</sub> : 5.0 mm
Diaphragm Mass inc Airload	M <sub>ms</sub> : 218 Gram
BI Product	BL : 29.64 TM
Coil Inductance	Le : 1.9 mH
Mounting Information	
Overall Diameter	: 476 mm
Depth	: 205 mm
Baffle Hole Diameter, Front Mount	: 424 mm
Bolt Mount Diameter	: 450 mm (8 Bolts)
Weight	: 12.00kg approx.

Design and Specifications are subject to change without notice owing to continuous product up-gradation. Technical specifications are subject to production tolerances.

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