

### HIGH Power Efficiency

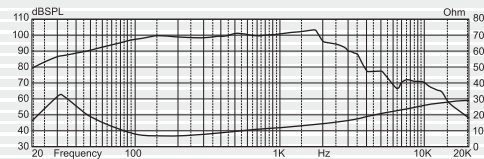
4" Edge Wound Voice Coil  
Aluminium Die Cast Frame

**550**  
WATTS  
RMS

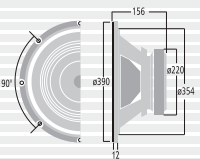
**1100**  
WATTS  
PROGRAMME  
POWER



Frequency Response Curve



Dimensions



The L15-MB550 is a High Power 15" Professional Low frequency PA Speaker delivering excellent low frequencies and high sound pressure level. The speaker efficiently delivers deep bass with extremely low distortion. It is a great choice for high power professional full range speaker systems.

### High Power Low Frequency Speaker

- For use in Professional High Power Full range Speaker Systems.
- Extended low frequency response making it ideal for Cinema, Auditoria and Stage applications.
- 550 Watts RMS continuous power handling.
- 4" Edge-wound copper wire voice coil for higher SPL.
- Sensitivity 97dB/1W/1m.

### Carefully Designed Components

- Aluminium Die-cast frame and robust construction.
- APS ferrite magnet.
- Composite cone paper with plasticized cloth cone edge for extra strength and reliability.
- Glass Fibre former voice coil for withstanding high temperature.
- Gold plated push type heavy duty terminals for firm connection.

### Specifications

ELECTRO MECHANICAL	
Power Rating	: 550 Watts RMS
Nominal Chassis Diameter	: 380mm (15")
Nominal Impedance	: 8 ohms
Sensitivity (1W/1m)	: 97dB
Magnet Weight	: 2.85kg
THIELE SMALL PARAMETERS	
Resonant Frequency	Fs : 33Hz
Impedance	Re : 5 ohms
Electromagnetic Q	Qes : 0.34
Mechanical Q	Qms : 4.32
Total Q	Qts : 0.32
Compliance Equivalent Volume	VAS : 221 Litr
Surface Area of Cone	Sd : 830 cm <sup>2</sup>
Reference Efficiency	η <sub>0</sub> : 2.28%
Voice Coil Overhang	X <sub>max</sub> : 8.0 mm
Diaphragm Mass inc Airload	M <sub>ms</sub> : 107.17 Gram
Bl Product	BL : 18 TM
Coil Inductance	Le : 1.09 mH
MOUNTING INFORMATION	
Overall Diameter	: 387 mm
Depth	: 158 mm
Baffle Hole Diameter, Front Mount	: 354 mm
Bolt Mount Diameter (PCD)	: 369 mm (8 Bolts)
Weight	: 9.00kg Approx.

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