

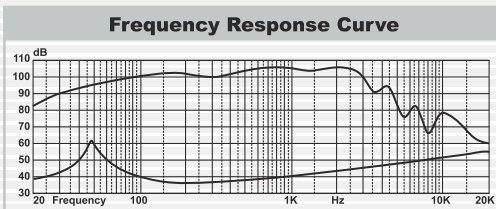
3" CCAW Wire Voice Coil  
Aluminium Die Cast Frame

**300**  
WATTS



**High** • Power  
• Efficiency

**Dual Use** • Woofer  
• Mid-Bass



The L15-MB300 is a professional low frequency PA Speaker which meets the High Power handling and High Efficiency requirements of the most advanced Sound Systems. It reproduces the highest peak levels with utmost linearity giving extremely low distortion. It also has a very smooth frequency response.

### High Power Low Frequency Speaker

- For use in 2-Way high power Ported Enclosures
- Can be used in high power Bass Bins for multi-way systems
- Ideal for Cinema Screen low frequency speakers
- 300 Watts Continuous power handling
- 3" aluminium wire voice coil
- Vented-gap cooling technique
- Sensitivity 99 dB/1W/1m

### Carefully Designed Components

- Aluminium die-cast frame and robust construction
- APS ferrite magnet
- Composite cone paper with plasticised cloth cone edge
- KAPTON former voice coil for withstanding high temperature

### Specifications

Electro Mechanical	
Power Rating	: 300 Watts RMS
Nominal Chassis Diameter	: 380 mm (15")
Nominal Impedance	: 8 ohms
Sensitivity (1W/1m)	: 99 dB
Magnet Weight	: 2.31 Kg
Thiele Small Parameters	
Resonant Frequency	Fs : 45 Hz
DC Resistance	Re : 5.7 ohms
Electromagnetic Q	Qes : 0.32
Mechanical Q	Qms : 5.82
Total Q	Qts : 0.30
Compliance Equivalent Volume	VAS : 139.65 Litr
Surface Area of Cone	Sd : 830 cm <sup>2</sup>
Reference Efficiency	ηo : 4.35%
Voice Coil Overhang	Xmax : 2.5 mm
Diaphragm Mass inc Airload	Mms : 80.31 gm
Bl Product	BL : 20.49 TM
Coil Inductance	Le : 0.68 mH
Mounting Information	
Overall Diameter	: 395 mm
Depth	: 160 mm
Baffle Hole Diameter, Front Mount	: 358 mm
Bolt Mount Diameter (PCD)	: 373 mm (8 Bolts)
Weight	: 8.15 kg approx.

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