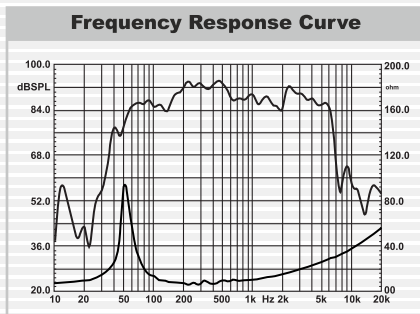


3" CCAW Wire Voice Coil  
Aluminium Die Cast Frame

**300**  
WATTS

**HIGH** Power  
Efficiency

**DUAL USE** Woofer  
Mid-Bass



The L12-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.
- 300W RMS Continuous power handling.
- 3" CCAW wire voice coil.
- Vented-gap cooling technique.
- Sensitivity 99 dB/1W/1m.
- Ideal for Cinema Screen low frequency speakers.

### CAREFULLY DESIGNED COMPONENTS

- Aluminium die-cast frame and robust construction.
- APS ferrite magnet.
- Composite cone paper with plasticised cloth cone edge.
- Glass Fiber former voice coil for withstanding high temperature.
- Gold plated push type heavy duty terminals for firm connection.

### Specifications

ELECTRO MECHANICAL	
Power Rating	: 300 Watts RMS
Nominal Chassis Diameter	: 305 mm (12" )
Nominal Impedance	: 8 ohms
Sensitivity (1W/1m)	: 99dB
Magnet Weight	: 2.31 Kg
THIELE SMALL PARAMETERS	
Resonant Frequency	Fs : 48 Hz
DC Resistance	Re : 5.4 ohms
Electromagnetic Q	Qes : 0.33
Mechanical Q	Qms : 4.94
Total Q	Qts : 0.30
Compliance Equivalent Volume	VAS : 71.0 Litr
Surface Area of Cone	Sd : 531 cm <sup>2</sup>
Reference Efficiency	ho : 2.83%
Voice Coil Overhang	Xmax : 3.5 mm
Diaphragm Mass inc Airload	Mms : 54.55 gm
Bl Product	BL : 17.11 TM
Coil Inductance	Le : 0.85 mH
MOUNTING INFORMATION	
Overall Diameter	: 322 mm
Depth	: 128 mm
Baffle Hole Diameter, Front Mount	: 290 mm
Bolt Mount Diameter (PCD)	: 305 mm (8 Bolts)
Weight	: 7.30kg approx.

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