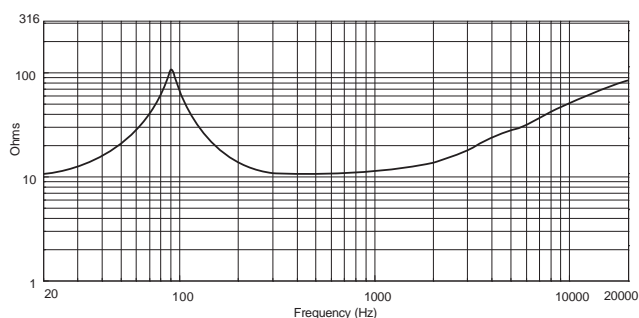


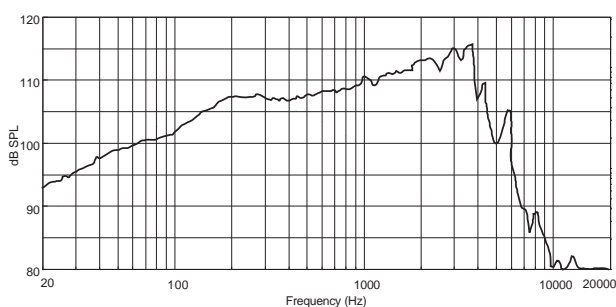


Product Features:

- Ideal 10" Midrange
- High Efficiency
- High Power
- 3 Inch Voice Coil ,Inside/Outside Wound, High Temperature Composite Polyimide Coil Assembly
- Flagship 10" Driver With Ceramic Magnet
- Low Distortion
- T-Pole Magneyc Structure
- Ideal For Horn Loaded Applications



Frequency response curve of the loudspeaker taken in a hemispherical, free field environment and mounted in a closed box with an internal volume of 600 liters (21.2 cu. ft.) enclosing the rear of the driver. The impedance magnitude curve is measured in free air.



2nd and 3rd harmonic distortion levels have been raised 20dB. Measurements made at 10% of rated power.

MODEL MR10H300 **CODE** 111.00.003

General Specifications

Nominal Diameter	260/10,2	mm/inch
Rated Impedance	8	Ω
Power handling capacity ⁽¹⁾	350	Watts
Program Power ⁽²⁾	700	Watts
Sensitivity 1W, 1m ⁽³⁾	100	dB
Frequency Range	80 - 3500	Hz
Effective Piston Diameter	210/8,3	mm/inch
Maximum Excursion Before Damage (peak to peak)	40/1,6	mm/inch
Minimum Impedance	6,8	Ω
Voice Coil Diameter	76/3	mm/inch
Voice Coil Material	Aluminium	
Voice Coil Winding Depth	11/0,4	mm/inch
Number of layers	2	
Kind of layer	Inside/Outside	
Thickness Top Plate Depth	10/0,4	mm/inch

Thiele - Small Parameters ⁴

Resonance frequency	F _s	90	Hz
DC resistance	R _e	5,8	Ω
Mechanical factor	Q _{ms}	3,8	
Electrical factor	Q _{es}	0,34	
Total factor	Q _{ts}	0,31	
BL Factor	BL	17,8	T x m
Effective Moving Mass	M _{ms}	31	gr
Equivalent C _{as} air load	V _{as}	16,5	liters
Effettive piston area	S _d	0,035	m ²
Max. linear excursion	X _{max}	3,0	mm
Voice - coil inductance @ 1KHz	L _{e1k}	1,3	mH
Half-space efficiency	Eff	3,43	%

Mounting Information

Overall Diameter	260/10,2	mm/inch
Bolt Circle Diameter	244,5	mm
Bolt Hole Diameter	5,5/0,2	mm/inch

Baffle Cutout Diameter

Front Mount	230/9,1	mm/inch
Rear Mount	229/9,0	mm/inch
Depth	120/4,7	mm/inch
Volume occupied by the Driver	1,20/0,0	liters/ft ³
Net Weight	7,50/16,5	Kg/lbs.
Shipping Weight	8,00/17,6	Kg/lbs.

Notes to Specifications

- 1 AES standard (100 - 1000) Hz.
- 2 Program power is defined as 3dB greater than the nominal rating
- 3 Sensitivity measurement is based on a 100-500Hz pink noise signal with input power of 2.83V @ 8 Ohms.
- 4 Thiele-Small parameters are measured after a 2 hour warm up period running the loudspeaker at full power handling capacity.