



MB10N305

MID - BASS



Description	<p>The MB10N305 is a hypervented neo, high linearity mid-bass. The magnetic structure is powered by a large neodymium magnet that provides an extremely high flux density in the gap. The new hyper-vented aluminium basket and magnetic assembly design provide an excellent heat dissipation and lower power compression. Special airforced ventilations are provided for voice coil, magnet assembly and basket. M-roll surround and spider design offer great linearity and precise reproduction</p>
Features	<ul style="list-style-type: none">› 3-inch, fibreglass inside/outside aluminium voice coil› 1000W continuous program power handling› 97.5 dB Sensitivity› 55 Hz – 3.5 kHz Frequency range› Dual-forced air ventilation for minimum power compression› M-roll surround and exponential cone geometry
Part Number	11100111 MB10N305 8ohm



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TECHNICAL SPECIFICATIONS

General specifications	Nominal Diameter	10 inch / 254 mm
	Rated Impedance	8 ohm
	Program Power (watt)	1000 W
	Power handling capacity	500 W
	Sensitivity	97.5 dB
	Frequency range	55 - 3500 Hz
	Effective piston diameter	210 mm / 8.27 inch
	Max. Excursion Before Damage	34 mm / 1.34 inch
	Minimum Impedance (ohm)	6.9 ohm
	Voice Coil Diameter	3.0 inch / 76 mm
	Voice Coil Winding Material	Aluminum
	Voice Coil Length	14 mm / 0.55 inch
	Number of layers	1
	Kind of layers	inside/outside
	Top Plate Thickness	10 mm / 0.39 inch
	Cone Design	Curved
	Surround Material	Polycotton
	Surround Design	M-roll
Thiele - small parameters	Magnets	Neodymium
	Hypervented magnetic structure	Yes
	Spider	Single
	Resonance frequency (Fs)	60 Hz
	DC resistance (Re) (ohm)	5.60 ohm
	Mechanical factor	4.00 Qms
	Electrical factor	0.24 Qes
	Total factor	0.23 Qts
	Bl factor (Bl) (T x m)	18.50 T x m
	Effective moving mass (Mms)	37.0 g
	Equivalent Cas air loaded (Vas)	31.0 liters
	Effective piston area (Sd)	0.040 m ²
Mounting information	Max. linear excursion (Xmax)	5 mm
	Voice coil inductance @ 1kHz (Le1k)	0.90 mH
	Half-space efficency (Eff)	2.90%
	Overall diameter	260 mm / 10.24 inches
	Bolt circle diameter	241-246 mm / 9.49-9.69 inch
Standard compliance	Bolt hole diameter	6 mm / 0.24 inch
	Front mount baffle cut-out	234 mm / 9.21 inch
	Rear mount baffle cut-out	234 mm / 9.21 inch
	Volume occupied by the driver	1.4 liters / 0.06 ft ³
Safety agency		CE compliant



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Size / Weight	Height	126 mm / 4.96 inches
	Diameter	260 mm / 10.24 inches
	Weight	3.2 kg / 7.05 lbs



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Line Art 2D

