

MB10G350 MID-BASS

DESCRIPTION

The MB10G350 is designed to provide an excellent frequency response linearity with very low distortion. A strong magnetic structure guarantee dynamic and precision. M-roll surround and spider design offer great linearity and precise reproduction.



FEATURES

- 2.5-inch , fibreglass former, aluminum voice coil
- 600 Watt continuous program power handling
- 97 dB Sensitivity
- 45 Hz 3.0kHz Frequency range
- M-roll surround and exponential cone geometry



TECHNICAL SPECIFICATIONS

General specifications Nominal Diameter: 8 0hm Program Power (with): 6 00 W Power handling capacity: 300 W Sensitivity: 97.0 dB Prequency range: 45 - 3000 Hz Effective piston diameter: 20 mm / 827.1nch Max Excursion Before Damage: 40 mm / 157 inch Minium Impedance (ohm): 6.0 ohm Voice Call Unding Material: Fiberglass Voice Call Vinding Material: Fiberglass Voice Call Vinding Material: Program Number of layers: 8 mm / 0.71 inch Number of layers: 8 mm / 0.71 inch Number of layers: 9 mm / 0.71 inch Number of layers: 9 mm / 0.71 inch Surround Material: Polycotton Surround Material: Polycotton Surround Design: Curved Surround Design: Surround Design: DC resistance (ReQ (ohm): 5.10 ohm Macharial factor: 0.32 0es Total factor: 0.32 0es			
Program Power (watt):600 WPower handling capacity:300 WSenstrivity:97.0 dBErrequency range:45 - 3000 H2Effective piston diameter:20 mm / 8.27 inchMax. Excursion Before Damage:40 mm / 1.57 inchMinimum Impedance (ohm):6.0 chmVoice Coil Diameter:2.5 inch / 63 mmVoice Coil Diameter:2.5 inch / 63 mmVoice Coil Length:18 mm / 0.71 inchNumber of layers:2Kind of layers:1 mm / 0.71 inchNumber of layers:2Kind of layers:90/2000Surround Material:PolycottonSurround Material:Solder:Solder:SingleSolder:Solder:Solder:Solder:Solder:Solder:Solder:3.0 ohmMachanical factor:0.32 QesThiele - small parametersResonance frequency (Fs):Solder:Solder:Solder:3.40 ohmMachanical factor:0.32 QesTotal factor:0.32 QesTotal factor:0.33 QuesElectricel factor:0.34 QuesElectricel factor:0.34 QuesBi factor (B) (T xm):14.70 T x mEffective piston area (Sd):0.040 m2Max. Inser excursion (Xmax):7 mmVoice coll inductance (B IkH2 (LeIk):0.75 mHHalf-space efficiency (EHs):2.00%Mounting informationsOverall diameter:All factor (B) (T xm):14.70 T x mEffective pisto	General specifications	Nominal Diameter:	10 inch / 254 mm
Power handling capacity:300 WSensitivity:97.048Frequency range:45 - 3000 HzEffective piston diameter:20 mm / 157 inchMax. Excursion Before Damage:40 mm / 157 inchMax. Excursion Before Damage:20 mm / 157 inchMinimum Impedance (chm):6.0 ohmVoice Coil Diameter:2 Sinch / 63 mmVoice Coil Winding Material:FiberglassVoice Coil Winding Material:Bimm / 0.71 inchNumber of layers:2Kind of layers:8 mm / 0.31 inchCone Design:CurvedSurround Material:PolycottonSurround Material:SinderSurround Material:SinderSurround Material:PolycottonSurround Material:Sinder:Solder:SinderSolder:SinderSolder:30 dhsBif Actor (Re) (chm):510 ohmMechanical factor:0.33 OtsBif factor (B) (T x m):14.70 T x mEffective piston area (Sd):0.040 m2Max. Inser excursion (Xmax):7 mmVoice coil indicatere:20.073 mHEffective piston area (Sd):0.040 m2Max. Inser excursion (Xmax):7 mmVoice coil indicatere:20 mm / 10.24 inchesEffective piston area (Sd):2.005 mm / 10.24 incheBot circle diameter:6 mm / 0.24 inchPart indicatere:6 mm / 0.24 inchRear mount baffle cut-out:23 mm / 0.31 inchMutting InformationsOverall diameter:Ove		Rated Impedance:	8 ohm
Sensitivity:97.0 dBFrequency range:45 - 3000 HzEffective piston diameter:210 mm / B27 inchMax, Excursion Before Damage:40 mm / 157 inchMinimum Impedance (ohm):6.0 ohmVoice Coil Diameter:2.5 inch / 63 mmVoice Coil Unghth:18 mm / 0.71 inchNumber of layers:2Kind of layers:2Kind of layers:2Kind of layers:2Surround Material:PolycottsideSurround Material:PolycottsideSurround Material:PolycottsideSpider:SingleThele - small parametersResonance frequency (Fs):Spider:S9 HzDC resistance (Re) (ohm):5.10 ohmMechanical factor:0.31 QtsBI factor (B) (T x m):14.70 T x mEffective piston area (Sd):0.040 m2Max, linear excursion (Xmax):7.0 mVoice coil inductance (Net) (Ct x m):2.00%Mounting informationsOverall diameter:Bolt rice diameter:2.00%Mounting informationsOverall diameter:Bolt rice diameter:2.00%Standard complianceCE marking:YesStandard compliance		Program Power (watt):	600 W
Frequency range:45 - 3000 HzEffective piston diameter:210 mm / 8.27 inchMax. Excursion Before Damage:40 mm / 157 inchMax. Excursion Before Damage:40 mm / 157 inchMax. Excursion Before Damage:40 mm / 157 inchMinimul Imgedance (ohm):6.0 ohmVoice Coll Diameter:2.5 inch / 63 mmVoice Coll Uniding Material:FiberglassVoice Coll Length:18 mm / 0.71 inchNumber of layers:2Kind of layers:8 mm / 0.31 inchCone Design:CurvedSurround Material:PolycottonSurround Design:M-rollMagnets:CeramicSpilder:SingleDC resistance (Re) (hm):510 ohmMechanical factor:8.20 CmsElectrical factor:0.32 QesTotal factor:0.32 QesTotal factor:0.31 QtsBl factor (B) (T xm):4.70 T x mEffective moving mass (Mms):37.0 gEquivalent Cas air loaded (Vas):34.0 litersEffective moving mass (Mms):7.0 gEquivalent Cas air loaded (Vas):34.0 litersEffective piston area (Sd):0.040 m2Max. Inear excursion (Xmax):7 mm / 0.49-9.69 inchBot circle diameter:241-246 mm / 9.49-9.69 inchBot circle diameter:241-246 mm / 9.49-9.69 inchBot circle diameter:241-246 mm / 9.49-9.69 inchBot hole diameter:241-246 mm / 9.49-9.69 inchBot hole diameter:232 mm / 9.13 inchVoiume occupied by the driver:<		Power handling capacity:	300 W
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Voice Coil Diameter:2.5 inch / 63 mmVoice Coil Winding Material:FiberglassVoice Coil Length:18 mm / 0.71 inchNumber of layers:2Kind of layers:inside/outsideTop Plate Thickness:8 mm / 0.31 inchCore Design:CurvedSurround Material:PolycottonSurround Design:M-rollMagnets:CeramicSpider:SingleThele - small parametersResonance frequency (Fs):Self factor:0.32 QesTotal factor:0.31 OtsBl factor (Bi) (T x m):14.70 T x mEffective pliston area (Sd):0.04 Om 2Max. linear excursion (Xmax):7 mmVoice coil inductance (@ likHz (Lelk):0.73 mHHalf-space efficency (Eff):200%Mounting informationsOverall diameter:Bolt circle diameter:241-246 mm / 9.49-9.69 inchBolt circle diameter:6 mm / 0.24 inchesBolt circle diameter:247-246 mm / 9.49-9.69 inchBolt circle diameter:22 mm / 9.13 inchRear mount baffle cut-out:22 mm / 9.13 inchVolume occupied by the driver:12 liters / 0.05 ft3Standard complianceCE marking:Yes		Max. Excursion Before Damage:	40 mm / 1.57 inch
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Number of layers:2Kind of layers:inside/outsideTop Plate Thickness:8 mm / 0.31 inchCone Design:CurvedSurround Material:PolycottonSurround Design:M-rollMagnets:CeramicSpider:SingleThele - small parametersResonance frequency (Fs):58 HzDC resistance (Re) (ohm):5.10 ohmMechanical factor:8.20 QmsElectrical factor:0.32 QesTotal factor:0.32 QesTotal factor:0.32 QesTotal factor:0.31 do litersElfective moving mass (Mms):37.0 gEquivalent Cas air loaded (Vas):3.40 litersEffective piston area (Sd):0.040 m2Max. linear excursion (Xmax):7 mmVoice coil inductance @ IkHz (LeIk):0.73 mHHalf-space efficency (Eff):2.00%Mounting informationsOverall diameter:Bolt hole diameter:241-246 mm / 9.49-659 inchBolt hole diameter:232 mm / 9.13 inchRear mount baffle cut-out:232 mm / 9.13 inchVolume occupied by the driver:12 liters / 0.05 ft3Standard complianceCE marking:Yes		Voice Coil Winding Material:	Fiberglass
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Surround Material:PolycottonSurround Design:M-rollMagnets:CeramicSpider:SingleThiele - small parametersResonance frequency (Fs):58 HzDC resistance (Re) (ohm):5.10 ohmMechanical factor:8.20 QmsElectrical factor:0.32 QesTotal factor:0.31 QtsBI factor (BI) (T xm):14.70 T x mEffective moving mass (Mms):37.0 gEffective piston area (Sd):0.040 m2Max. linear excursion (Xmax):7 mmVoice coil inductance @ lkHz (Lelk):0.73 mHHalf-space efficency (Eff):2.00%Mounting informationsOverall diameter:Bolt circle diameter:260 mm / 10.24 inchesBolt circle diameter:6 mm / 0.24 inchFront mount baffle cut-out:232 mm / 9.13 inchYolume occupied by the driver:12 liters / 0.05 ft3Standard complianceCE marking:Yes		Top Plate Thickness:	8 mm / 0.31 inch
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Equivalent Cas air loaded (Vas):34.0 litersEffective piston area (Sd):0.040 m2Max. linear excursion (Xmax):7 mmVoice coil inductance @ 1kHz (Le1k):0.73 mHHalf-space efficency (Eff):2.00%Mounting informationsOverall diameter:Bolt circle diameter:260 mm / 10.24 inchesBolt circle diameter:241-246 mm / 9.49-9.69 inchBolt hole diameter:6 mm / 0.24 inchFront mount baffle cut-out:232 mm / 9.13 inchRear mount baffle cut-out:232 mm / 9.13 inchVolume occupied by the driver:1.2 liters / 0.05 ft3Standard complianceCE marking:Yes		Bl factor (Bl) (T x m):	14.70 T x m
Effective piston area (Sd):0.040 m2Max. linear excursion (Xmax):7 mmVoice coil inductance @ 1kHz (Le1k):0.73 mHHalf-space efficency (Eff):2.00%Mounting informationsOverall diameter:Bolt circle diameter:260 mm / 10.24 inchesBolt circle diameter:241-246 mm / 9.49-9.69 inchBolt hole diameter:6 mm / 0.24 inchFront mount baffle cut-out:232 mm / 9.13 inchRear mount baffle cut-out:232 mm / 9.13 inchVolume occupied by the driver:1.2 liters / 0.05 ft3Standard complianceCE marking:Yes		Effective moving mass (Mms):	37.0 g
Max. linear excursion (Xmax):7 mmVoice coil inductance @ lkHz (Lelk):0.73 mHHalf-space efficency (Eff):2.00%Mounting informationsOverall diameter:Bolt circle diameter:260 mm / 10.24 inchesBolt circle diameter:241-246 mm / 9.49-9.69 inchBolt hole diameter:6 mm / 0.24 inchFront mount baffle cut-out:232 mm / 9.13 inchRear mount baffle cut-out:232 mm / 9.13 inchVolume occupied by the driver:1.2 liters / 0.05 ft3Standard complianceCE marking:Yes		Equivalent Cas air loaded (Vas):	34.0 liters
Voice coil inductance @ 1kHz (Le1k): Half-space efficency (Eff):0.73 mH 2.00%Mounting informationsOverall diameter: Bolt circle diameter:260 mm / 10.24 inches 241-246 mm / 9.49-9.69 inch 6 mm / 0.24 inch Bolt hole diameter:Bolt circle diameter: Bolt hole diameter:6 mm / 0.24 inch 232 mm / 9.13 inch 232 mm / 9.13 inch 1.2 liters / 0.05 ft3Standard complianceCE marking:Yes		Effective piston area (Sd):	0.040 m2
Half-space efficency (Eff):2.00%Mounting informationsOverall diameter:260 mm / 10.24 inchesBolt circle diameter:241-246 mm / 9.49-9.69 inchBolt hole diameter:6 mm / 0.24 inchBolt hole diameter:232 mm / 9.13 inchRear mount baffle cut-out:232 mm / 9.13 inchVolume occupied by the driver:1.2 liters / 0.05 ft3Standard complianceCE marking:Yes		Max. linear excursion (Xmax):	7 mm
Mounting informationsOverall diameter:260 mm / 10.24 inchesBolt circle diameter:241-246 mm / 9.49-9.69 inchBolt hole diameter:6 mm / 0.24 inchBolt hole diameter:232 mm / 9.13 inchRear mount baffle cut-out:232 mm / 9.13 inchVolume occupied by the driver:1.2 liters / 0.05 ft3Standard complianceCE marking:Yes		Voice coil inductance @ 1kHz (Le1k):	0.73 mH
Bolt circle diameter: 241-246 mm / 9.49-9.69 inch Bolt hole diameter: 6 mm / 0.24 inch Bolt nount baffle cut-out: 232 mm / 9.13 inch Rear mount baffle cut-out: 232 mm / 9.13 inch Volume occupied by the driver: 1.2 liters / 0.05 ft3		Half-space efficency (Eff):	2.00%
Bolt hole diameter: 6 mm / 0.24 inch Front mount baffle cut-out: 232 mm / 9.13 inch Rear mount baffle cut-out: 232 mm / 9.13 inch Volume occupied by the driver: 1.2 liters / 0.05 ft3	Mounting informations	Overall diameter:	
Front mount baffle cut-out: 232 mm / 9.13 inch Rear mount baffle cut-out: 232 mm / 9.13 inch Volume occupied by the driver: 1.2 liters / 0.05 ft3		Bolt circle diameter:	241-246 mm / 9.49-9.69 inch
Rear mount baffle cut-out: 232 mm / 9.13 inch Volume occupied by the driver: 1.2 liters / 0.05 ft3 Standard compliance CE marking: Yes		Bolt hole diameter:	6 mm / 0.24 inch
Volume occupied by the driver: 1.2 liters / 0.05 ft3 Standard compliance CE marking: Yes		Front mount baffle cut-out:	232 mm / 9.13 inch
Standard compliance CE marking: Yes		Rear mount baffle cut-out:	232 mm / 9.13 inch
		Volume occupied by the driver:	1.2 liters / 0.05 ft3
Size Weight: 4.8 kg / 10.58 lbs	Standard compliance	CE marking:	Yes
	Size	Weight:	4.8 kg / 10.58 lbs

DATASHEET



Shipping informations

Package Height: Package Width: Package Depth: Package Weight:

180 mm / 7.09 inches 290 mm / 11.42 inches 290 mm / 11.42 inches 5.5 kg / 12.13 lbs

PART NUMBER

· 11100138

MB10G350