

m50 loudspeaker

Stylish, bookshelf loudspeaker featuring remarkably detailed and spacious imaging.

Mission's stylish, rounded baffle techniques developed especially for the m5 series come to the fore here in endowing this little gem of a speaker with remarkably detailed and spacious imaging. Designed for the bookshelf, or wall mounted using the Mission wall bracket, the combination of smoothly moulded baffle and cabinet dimensions ensure excellent dispersion from the 12cm Paramid bass driver and 25mm microfibre dome treble unit.

The new m50 Paramid driver utilises a cone formed from a sandwich of Aramid fibres and pulp fibre, and is fitted with a nitrile rubber surround to deliver realistic midrange performance in combination with surprisingly extended bass output. Mission's unique 25mm microfibre dome treble unit is isolated from the cabinet by mounting on the moulded front plate, for optimum clarity of sonic performance.

Mission's Inverted Drive Unit Geometry (IDG) aids the audiophile grade crossover to produce a seamless transition between the drive units, delivering a lucid and highly detailed midband that brings outstanding realism to the reproduction of music and movie soundtracks.

features

25mm front baffle
High impact profiled front panels

12cm sandwich cone Paramid driver

Microfibre dome treble unit
Laser trimmed pressure balanced dome
Audiophile grade crossover

Twin Anti-turbulence ports
Full magnetic shielding

benefits

Optimum rigidity for maximum transient impact.
Profiled edges ensure minimum interference from diffraction effects.
Aramid fibres produce natural midrange performance and maximum bass impact.
Excellent treble detail resolution at all levels.
Improves treble dynamics and transient accuracy.
High power silicon steel inductors and polypropylene capacitors for ultimate signal clarity and detail resolution.
Clean, tight bass suitable for wall or shelf mounting.
Suitable for all AV systems.

construction

Front baffle
Enclosure

Port
Grille
Damping

25mm high density MDF with high impact moulding.
Braced MDF and particle board with real wood veneers.
Anti-turbulence twin front mounted.
Acoustically transparent cloth on vestigial frame.
Acufil long fibre.

electrical

L.F. Unit
H.F. Unit
Crossover
Terminals

12cm Paramid sandwich cone with 25mm high temperature voice coil.
Microfibre soft dome with neodymium magnet and FerroFluid cooling.
Acoustic second order with phase optimisation.
Gold Plated, multi-way binding posts.

specifications

Enclosure type	2-way reflex loaded
Frequency response $\pm 3\text{dB}$	64Hz – 20kHz
Nominal Impedance	8 Ohms compatible (min. 5 Ω)
Sensitivity SPL/m/2.83v	86dB
Recommended amplifier power	25-100W
Crossover frequency	2.4kHz
Effective volume	4.5 litres
Cabinet dimensions (HxWxD)	220 x 140 x 255 (mm), 8.7 x 5.5 x 10 (inches)
Weight	3.4 Kg, 7.5 lbs
Finish	Beech, Rosewood, or Graphite Black real wood veneers

setting up

- RUN IN for at least 24 hours before serious listening.
- Position within 20cm of rear wall.
- Use good quality speaker cable.
- Position speakers so that the tops of the cabinets are roughly at ear height.

Note: The recommended amplifier power rating is for undistorted power. Loudspeakers will be damaged by amplifiers overdriven into distortion, no matter what the power rating of the amplifier. For larger rooms or high listening levels it is safer to choose an amplifier with a power output near the maximum rating of the loudspeaker.

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