

m5ds loudspeaker

Bi-polar radiation for the ultimate surround sound experience.

Mission's unique Distributed Surround (ds) bi-polar enclosure houses two loudspeakers in one to provide the ultimate surround sound experience from all multi-channel sources.

Twin 10cm Paramid drivers and 25mm microfibre treble units form a wall mounted bi-polar array that mimics the multiple loudspeakers in a movie theatre that provides a sphere of sound over a wide seating area, yet is able to localise discrete rear effects accurately.

The high impact ABS moulded cabinet cleverly allows mounting anywhere on a wall, even upside down against the ceiling, and the m5ds can be used in multiple pairs for 7.1 Dolby EX and DTS systems without phasing problems.

Wall or shelf mounted, the m5ds can be used on rear or side walls and, in conjunction with the dedicated m5c centre channel speaker and your selection of m51, m52 or m53 L/R speakers, forms the basis of an exciting AV system.

features

Bi-polar array

High impact ABS profiled enclosure
Twin 10cm Paramid drivers

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

benefits

Optimum surround sound coverage with localisation of rear effects.

Mimics movie theatre multiple speaker arrays.
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.

construction

Enclosure
Port
Grille
Damping

Profiled High impact ABS with visco-elastic damping.
Anti-turbulence.
Acoustically transparent cloth.
Flame retardant anechoic grade foam.

electrical

L.F. Unit

H.F. Unit

Crossover
Terminals

2 x 10cm 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 $\pm 3\text{dB}$	68Hz – 20kHz
Nominal Impedance	8 Ohms compatible (min. 5.6 Ω)
Sensitivity SPL/m/2.83v	87dB
Recommended amplifier power	25-100W
Crossover frequency	2.4 kHz
Effective volume	4 litres
Cabinet dimensions (HxWxD)	266 x 335 x 120 mm, 10.5 x 13.2 x 4.75 inches
Weight	3Kg, 6.6lbs
Finish	Silver or Graphite Black cloth

setting up

- RUN IN for at least 24 hours before serious listening.
- Locate within 10cm of rear wall..
- Position each speaker behind the main listening area on rear or side walls and at least 0.5m above (seated) head height.
- Separate by at least 2m if playing back film formats encoded with stereo rear effects.
- Match with other loudspeakers in the m5 Series range for optimum results.