

m52 loudspeaker

Elegant, tower loudspeaker built in the classic two-way mould.

Built in the classic two-way format, the elegant simplicity of the m52 makes the most of the exceptional quality of its components to bring a touch of magic to its realistic performance. 4th generation Transverse Folded Cabinet Technology (TFCT) is used to construct a stylish cabinet that uses a 38mm thick front baffle for optimum rigidity. The judicious application of internal bracing, allied to a lower plinth mounted enclosure that allows optional sand filling, virtually eliminates unwanted cabinet resonance.

A new 15cm Paramid driver, utilising a cone formed from a sandwich of Aramid fibres fitted with a nitrile rubber surround, delivers bass performance with maximum impact. Mission's unique 25mm microfibre dome treble unit is mounted on the moulded front plate, interleaved from the front baffle by a layer of damping foam. This removes undesirable mechanical vibration from the treble unit, maximising the delivery of fine detail.

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

4th generation TFCT/38mm front baffle
High impact ABS profiled front panels

15cm sandwich cone Paramid driver

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

Anti-turbulence rear mounted port
Optional sand filling
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 without midrange smear.
Stabilises the enclosure for minimum resonance.
Suitable for all AV systems.

construction

Front baffle

Enclosure
Port
Grille
Damping

38mm high density particle board with bonded high impact ABS moulding.
25mm MDF with real wood veneers.
Anti-turbulence rear mounted.
Acoustically transparent cloth on vestigial frame.
Acufil long fibre.

electrical

L.F. Unit

H.F. Unit

Crossover
Terminals

15cm Paramid sandwich cone with 32mm high temperature voice coil.
Microfibre soft dome with neodymium magnet and FerroFluid cooling.
Acoustic second order with phase optimisation
Gold plated, bi-wireable multi-way binding posts.

specifications

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| Enclosure type | 2-Way reflex loaded |
| Frequency response ± 3 dB | 52Hz – 20kHz |
| Nominal Impedance | 8 Ohms compatible (min. 5 Ω) |
| Sensitivity SPL/m/2.83v | 88dB |
| Recommended amplifier power | 25-100W |
| Crossover frequency | 2.4 kHz |
| Effective volume | 16 litres |
| Cabinet dimensions (HxWxD) | 898 x 205 x 345mm, 35.4 x 8.1 x 13.6 inches |
| Weight | 17 Kg, 37 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 – 80cm of rear wall.
- Use good quality speaker cable.
- Use supplied spikes for improved LF definition.