

## m51 loudspeaker

Stylish, stand mount loudspeaker featuring lucid midrange presentation and high bass impact.

Mission's state-of-the-art construction techniques endow this attractive stand mount speaker with an astonishingly wide bandwidth and dynamic range. 4<sup>th</sup> generation Transverse Folded Cabinet Technology (TFCT) is used to construct a stylish cabinet that uses a 28mm thick front baffle for optimum rigidity.

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

4<sup>th</sup> 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  
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.  
Suitable for all AV systems.

### construction

Front baffle

38mm high density particle board with bonded high impact ABS moulding.

Enclosure

25mm MDF with real wood veneers.

Port

Anti-turbulence rear mounted.

Grille

Acoustically transparent cloth on vestigial frame.

Damping

Acufil long fibre.

### electrical

L.F. Unit

15cm Paramid sandwich cone with 32mm high temperature voice coil.

H.F. Unit

Microfibre soft dome with neodymium magnet and FerroFluid cooling.

Crossover

Acoustic second order with phase optimisation.

Terminals

Gold Plated, bi-wireable multi-way binding posts.

## specifications

Enclosure type	2-way reflex loaded
Frequency response $\pm 3$ dB	58Hz – 20kHz
Nominal Impedance	8 Ohms compatible (min. 5 $\Omega$ )
Sensitivity SPL/m/2.83v	87dB
Recommended amplifier power	25-100W
Crossover frequency	2.4kHz
Effective volume	10.3 litres
Cabinet dimensions (HxWxD)	315 x 205 x 345 (mm), 12.4 x 8.1 x 13.6 (inches)
Weight	8.5 Kg, 19 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.
- Position speakers so that the tops of the cabinets are roughly at ear height.
- Use Mission stands for optimum performance.