

m70ds distributed sound loudspeaker

The Mission **m7ds** bipole loudspeaker is designed specifically to integrate with any of the **m70** series loudspeakers in home theatre installations to provide the rear "surround" channels. Visually attractive styling and versatility of placement allows the **m7ds** to be easily wall or shelf mounted. Superb sound distribution over a wide listening angle envelops all listeners in the movie theatre experience wherever the speakers are located.

Two low frequency units provide the dynamics for transient performance blending seamlessly with twin sheer micro-fibre dome treble units for outstanding dispersion and rear effect localisation. The smoothly contoured baffle provides excellent spatial dispersion, minimising "hot seat" effects, and the bipole configuration ensures the ideal performance for Dolby Surround or Dolby Digital/DTS sources.

features

Bipole twin speaker configuration

High Impact moulded baffle

High dB/watt efficiency

Sheer Micro-Fibre soft dome HF unit
Neodymium HF unit magnet

Laser trimmed pressure balanced dome
High-quality crossover components

Bonded woven glass composite LF cone

Pressure balanced, ventilated spider
Magnetically shielded

benefits

The ideal combination of good dispersion for Dolby Surround and precise rear effect localisation for Dolby Digital/DTS sources.

Excellent HF dispersion and low diffraction to improve stereo imaging and create precise images in space. Equivalent to extra power for amplifier – greater dynamic range.

Ensures excellent high and low level resolution. Improved microdynamics and reduced signal induced demagnetisation effects.

Improved dynamics and reduced time smear. Silicon Steel inductors reduce level dependent distortion.

Audiophile grade Polyester Capacitors increase detail transmission.

Stiff and light ensuring good sensitivity with superb LF response.

Improved dynamics and reduced time smear. Suitable for all AV systems.

construction

Enclosure
Baffle
Ports
Grille
Damping

Mineral filled polypropylene
High impact moulding
Tuned port-tube
Acoustically transparent
Acoustic long-hair fibre

electrical

L.F. Units

Twin 110mm bonded woven glass composite cone with 25mm voice coil.

H.F. Unit

Twin 25mm sheer Micro-Fibre soft dome with FF cooling.

Cross-Over
Terminals

Acoustic Second Order.

Gold-plated, multi-way binding posts.

specifications

Enclosure type	2-Way Reflex Loaded
Frequency response ± 3 dB	75Hz to 20kHz
Nominal Impedance	8 Ohm compatible (min. 4.2 Ohms)
Sensitivity SPL/m/2.83v	89dB
Recommended amplifier power	25 – 100W
Crossover frequency	2.8kHz
Effective volume	4.2 Litres
Cabinet dimensions (HxWxD)	230 x 360 x 105 (mm)
Weight	
Finish	Charcoal and Satin Silver

setting up

- RUN IN for a minimum of 24 hours with music programme.
- Wall or shelf mount on rear or side walls. A high location will improve sound distribution.
- Maybe used with any competent budget electronics. Will clearly show improvements as source improves.

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.