

The MonoPulse Model CM.

Design Objective.

MonoPulse loudspeakers have the primary objective of realism and precise imaging. This is achieved by synchronism of the all-important impulses and musical leading-edges in sounds.

The Model CM is also a top quality hi-fi loudspeaker in all other respects, featuring Kevlar-coned MF/LF units with bass response down to 32Hz, and advanced HF units with response up to 22kHz.

Description.

To achieve this realism, MonoPulse uses a unique technique, precisely offsetting its drive-units, and combining them with patented asymmetric crossovers, which use only film capacitors and air-spaced coils.

The HF circuits are fourth-order, with 24dB per octave attenuation from 4kHz. This gives superb protection of the 28mm, ferrofluid cooled, silk-domed, neodymium magnet, aluminium-wound, HF units, which operate up through to 22kHz.

The LF crossovers are first order. The bass response of the 135mm, Kevlar-coned, LF units are extended with reflex tuning points at 45Hz, giving in-room responses down to 32Hz.

Positioning for Bass.

To allow the bass port to breath, give at least 5cm clearance to a rear wall and around the top or sides of the speaker

Also, to avoid resonance, try not to have the speaker the same distance from the floor and the rear wall.

Mounting.

The Model CM is best mounted using Blu Tack or similar.

Cables and Connections.

The terminal panel will take 4mm plugs, 7mm spades, or 5mm bare wire. The HF terminals are the ones furthest from the base port, the LF the closer, and the units can thus be bi-wired or bi-amped.

The interconnections needed will depend on the system and the layout - please consult your dealer.

Running in.

We recommend that the speakers are run in for at least 50 hours at the intended listening volume.

Warranty and Repairs.

MonoPulse loudspeakers are covered by a one year warranty. In the unlikely event of overheating damage to an HF unit which is protected by a fourth-order filter, access is by removal of the rear terminal panel.

The LF unit can be replaced by a competent repairer. For spares & repairs, contact your dealer.

Other specifications.

Nominal and minimum impedance is 8 ohms. Power handling, 250 watts maximum, 125 watts continuous. Sensitivity is 89dB. Height 18cm. Width 44cm. Depth 22cm. Weight 7Kg per unit.