

Mission 751 Freedom Compact Monitor

Construction

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| Enclosure | 25mm Carcass with unique transverse-folded cabinet technology. |
| Material | Medium density fibre board. |
| Damping | Constrained layered damped walls with fire-retardant polyurethane foam wadding. |

Electrical

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| L.F. Unit | 5¼" (130mm) injection moulded, mineral loaded polypropylene driver with an exceptionally powerful motor. |
| H.F. Unit | 25mm (1") ferrofluid-cooled silk dome |
| Cross-Over network | 6-element quality components with Bi-ampable/bi-wirable 5-way gold binding post terminals. |

Specifications

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| Enclosure Type | 2-Way Reflex Loaded, stand-mounted/bookshelf. |
| Frequency Response: | |
| 70Hz to 20kHz | ± 2 dB |
| -6dB Point | 50Hz |
| Sensitivity SPL/m/2.83V | 89 dB |
| Max. SPL per pair | 104 dB |
| Cross-Over Frequency | 3.2 kHz |
| Effective Volume | 8 Litres |
| Recommended amplifier power | 20 - 75W |
| Cabinet Dimensions(H x W x D) | 320 x 172 x 270(mm) 12.6 x 6.8 x 10.6(inches) |
| Finishes | Black Ash, Rosewood & Primavera Real wood Veneer |

Features

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| Unique <i>IDG</i> Inverted driver geometry | - For optimum dispersion at cross-over frequency. |
| Injection moulded membrane | - Consistent profiled construction for optimum rigidity and damping |
| Unique <i>TFT</i> transverse-folded cabinet | - Ultra rigid enclosure to eliminate cabinet coloration. |
| Visco-elastic damping | - Controls enclosure resonances. |
| Silk dome HF unit | - Highly refined, ultra-low distortion high frequency unit |
| Gold-plated 5-Way Binding Post | - Enhanced cable connection quality offering bi-wiring/bi-amping |

Benefits

Setting Up

- RUN IN for at least 24 hours before serious listening.
- Place within 20cm of the back wall without toe-in angle.
- Use quality speaker cable preferably bi-wired (Mission Quartet)
- Ensure all drive units are fully tightened before use.
- Use very rigid stands for optimum performance (Mission Entasis)

Mission751 Freedom

The Mission 751 Compact Monitors introduce state-of-the-art construction techniques in an unobtrusive and attractive package. The 751 offers a masterful blend of finely-honed performance and domestically-harmonious proportions possessing midband clarity to compare with the best. Its treble is sweet and lucid, and the bass performance surprisingly authoritative for its physical size. The 751 has performance to satisfy the discerning audiophile and visual appeal to avoid any domestic upheaval.

- Unique transverse-folded cabinet technology (TFCT), made possible by Mission's high-tech precision CNC manufacturing capability, provides new levels of enclosure integrity and rigidity.
- The standard of precision and finish in the 751 cabinets, found only in some exotic designs of an order of magnitude more cost, exemplifies the attention to detail and Mission's commitment to total quality concept.
- Visco-elastic internal cabinet wall damping restrains resonant energy and minimises enclosure coloration "smear".
- Precision injection moulded polypropylene bass driver diaphragm with molecularly bonded rubber surround eliminates performance aberrations of more common manufacturing methods and ensures accurate and consistent performance.
- Silk tweeter dome offers exceptionally smooth and "silky" high frequency performance with superior off-axis response. The design is optimised to provide virtually no compression with increasing level and an ultra-fast transient response.
- Inverted drive unit geometry (IDG), optimises vertical dispersion characteristics and ensures smooth phase and frequency response around the crossover transition.
- Gold-Plated binding posts ensure reliable connection maximising information retrieval and definition. "Straight-Path" crossover design reduces component induced distortion under dynamic and complex passages.
- Bi-wiring capability of the 751s dispels inter-driver ground induced intermodulation, improving clarity and bass definition.
- Excellent dB/watt efficiency and high power handling drive units ensure good dynamic capability for believable reproduction of all types of music at realistic sound pressure levels.