

Mission 75AS Active Sub-Woofer

Construction

Enclosure Construction	15mm MDF, transverse folded technology, critically reinforced
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Electrical

L.F. Units	2 x 200mm (8") Polypropylene cone with 25mm voice coil, double layer high temperature Aluminium former, 110 mm (4½") diameter magnet
Cross-Over	Integral active design

Specifications

Enclosure type	Stereo reflex with ATD (anti-turbulence device).
Cross-Over Frequency Control	50 Hz - 150 Hz
Phase Adjustment	0 - 180°
LF Response:	27 Hz (-6dB)
Acoustic Radiating Area	450 cm ² (12" equivalent)
Amplifier	100 Watts RMS
Cabinet Dimensions (H x W x D)	428.5 x 611 x 248 (mm) 16¾ x 24 x 9¾ (inches)
Finish	Black Ash, Rosewood & Primavera Real Wood veneers

Features

Stereo single enclosure design
Extra high excursion LF units
Active equalisation
Large area anti-turbulence port
Light cone/low damping suspension
Light but rigid cabinet

Benefits

- true reproduction of low frequency contents of the program
- reduced distortion at very low frequencies
- produces high output level at low distortion
- minimises flow related output distortions
- good transient behaviour with low hysteresis
- cabinet will not store energy, fast responsive sound

Setting Up

- RUN IN for a minimum of 24 hours with music programme

Mission 75AS

The Mission 75AS Active Subwoofer provides the low-frequency foundation in music and home cinema systems where space or visual constraints dictate the use of smaller loudspeakers. The Mission 75AS is a high performance subwoofer that will outperform all other subwoofers in the class. It offers articulation and definition of a fine order, and combines subtlety and authority in equal measure.

- Relatively compact, yet high performance stereo from actively driven and equalised twin internal drive units.
- The installation of the 75AS not only enhances the performance of hi-fi stereo system applications, it also immensely benefits other more common usage of AV set-ups.
- Ultra low distortion integral 100W amplifier with electronic cross-over, dedicated for low frequency performance.
- Highly efficient, custom designed amplifier chassis/heatsink enhances long-term performance and visual appeal.
- The adjustable cross-over frequency and phase control ensure correct blend of bandwidth, phase coherence and sensitivity, enabling seamless integration with almost any size/power hi-fi and AV loudspeakers.
- Anti-turbulence port design of massive diameter aids reproduction of ultra-clean bass, essential for correct rendition of wide bandwidth and dynamic recordings.
- The physical shape and elegant proportions of the cabinet together with the critical electronic design of the active controls, including level, cross-over frequency and especially continuous phase, facilitate easy room placement in virtually any location.
- The versatile feet arrangement of the 75AS allow ideal spike mounting or rubber mounting on more sensitive surfaces.