Australian Monitor Speaker Systems

Affordable full range loudspeakers for music reproduction at high levels.

BT – 350

Description

The Australian Monitor BT-350 is a stage application system specifically engineered to withstand the abuse of the road and to give optimum performance in a great range of acoustic environments.

The system is an ultra-compact, high efficiency two-way enclosure which utilizes a 15 inch woofer in a vented trapezoidal enclosure, and a one inch compression driver mounted on a 90 degree x 40 degree constant directivity horn.

The unique crossover system involves a high power capacity filter pair forming the transition between the low and high frequency sections and base driver equalization.

The high pass section feeds the "Compression Driver Management Module" (CDMM) which provides equalization for both horn/driver resonance and the power response in the constant directivity horn.

The entire network is built using the highest grade components selected for power handling and sonic performance.

The low frequency section is a vented enclosure designed to a very stable QB3 alignment giving excellent transient response and having the ability to handle heavy low frequency equalization before the vent "un-loads".

The alignment allows a higher displacement – limited power handling than typical vented boxes – hence the massive power rating for a single 15 inch system.

The trapezoidal enclosure is fabricated from plywood and is solidly braced and finished in black carpet.

The enclosure comes standard with two large steel bar handles and a top-hat suited for most speaker stands on the market. The protective steel grille is powder – coated for durability.

Specifications

Frequency response: axial in typical operating environment . 52Hz - 20KHz (+/- 3dB)
Useable low frequency limit, without equalization 40Hz
Long-term power handling capacity with un-clipped amplifier signal ..... 350 Watts
Crossover frequency 1280Hz
Filter slope 12dB/Octave
Impedance ..... 8 Ohms nominal
5.6 Ohms minimum
Crossover type – Passive with low and high frequency equalization and Compression Driver Management Module
Component Type – 25mm compression driver mounted on 90 x 40 degree constant directivity flare and a 380mm high linearity woofer.
Sensitivity 101dB

The Hardware

Input Connections ..... Dual parallel male XLR in a recessed plate
Enclosure ..... Plywood, Trapezoidal with 30 degree included angle, covered with black carpet
Fitted with heavy duty steel handles, heavy duty steel grille (powdercoated) and a stand mount which is 34.9mm in diameter and 75mm deep. (suits most stands).
Dimensions ..... depth 400mm
width 480mm
height 710mm
Weight 27.5Kgs

Distributed By

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