

D-Series by SHERMANN Audio

GX-M750

(discontinued model - replacement parts normally in stock)

Whilst it's name is not in sync' with the rest of this Series the M750 was the original multi-role product from Shermann.

Since it's launch during the Autumn of 1997 has become a standard for multi-role enclosures and possibly the only model from any manufacturer available with complete switching isolation between it's internal passive



network and HF protection circuit which operate respectively in passive or bi-amplified mode.

The recently upgraded version is capable of widespread use within rental company operations and larger theatres making it one of the most versatile cabinets currently available.

Apart from its versatility the **M750** offers uniform coverage in all modes of use with the distinguishing sound quality that **Shermann** users appreciate.



The **M750** is equipped with a powerful 15" bass/mid driver which incorporates a huge magnet assembly, cast aluminium chassis and a 4" voice coil driving a cone of optimum weight and density for this application.

Shermann's GHF-5 HF horn unit incorporates our GS-50BC2 ferro-fluid cooled 2" compression driver.

M750's are constructed externally from 15mm birch plywood whilst the loudspeaker baffle thickness is 25mm for ultimate rigidity and sonic performance

A recessed rear mounted steel plate houses the twin connectors, the active/passive mode switch, the HF roll-off switch and a safety tie point.

Connections

Speakon NL4 (Active mode) (Active mode)	Passive	pin 1+ hot / pin 1- cold
	Mid/ High	pin 2+ hot / pin 2- cold
	Low	pin 1+ hot / pin 1- cold

Speakon NL8 (Active mode) (Active mode)	Passive	pin 2+ hot / pin 2- cold
	Mid/ High	pin 3+ hot / pin 3- cold
	Low	pin 2+ hot / pin 2- cold

Crossover frequencies

Internal:	Not applicable to passive drive
Internal:	4th order L-R slopes 1.25KHz (low to high - active mode)
External:	4th order 90 - 125Hz (with Shermann bass systems)

Switches

Silver toggle:	Passive - UP position / Active - DOWN position
Black toggle:	HF roll-off in UP position (<i>active & passive modes</i>)

Technical Specifications

System

Format	2 way Passive / Active
Network	PCN-4X
Nom' impedance	8 ohm / 16 ohm
Active Crossover point	1.25KHz (4th Order)
Hi-pass filter (-3dB point)	35Hz / 4th order
Rec' amp' power @ 8ohm	400-650 watts (LF) 100-200 watts (HF)
Maximum input power	750 watts (LF) 300 watts (HF)

Performance

Sensitivity @ 1w/1m	100 dB (LF) 109 dB (HF)
Maximum output (passive)	130 dB @ 1m
Maximum output (active)	132 dB @ 1m
Frequency response	50 Hz - 17.5 KHz
Dispersion (>1.25KHz)	50° x 30°

Components

Drive unit (LF)	380 mm (15")
Drive unit (HF)	50mm comp' driver
Horn unit	Shermann GHF-5

Dimensions

Height	635 mm (25-00")
Depth	381 mm (15-00")
Width	445 mm (17-50")
Apex height (as wedge)	485 mm (19-10")
External volume	108 lts (3-8 ft ³)
Weight	37 Kgs (82 lbs)

Mechanical

Connectors	Speakon NL4 x 2
Connectors (Option) *	Speakon NL8 x 2
Flying points (fitted)	GS-TA3
Stand mount (fitted)	GSA1/35
Handle (top)	Steel Bar type
Handles (sides and base)	Steel Flip type
Finish	Black carpet

Please note

We would like to draw your attention to the likelihood of hearing damage from prolonged exposure to high sound pressure levels.

Care should be taken when using cabinets in close proximity to the audience, musicians or artists. For further information on the safe operation of any Shermann product please fax, call or email us - contact details are shown below.

* Options must be requested at time of ordering.



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