

Gx Series by SHERMANN Audio

GX-750

SHERMANN Audio **GX-750** is a high quality, 2 way FOH Music/PA loudspeaker which is perfectly 'at home' operating in pairs for small events and in multiples with SHERMANN Audio bass drive units for larger shows.



GX-750's feature passive/active drive switching, flying track, a stand mount adaptor, effortless power handling and a neutral but distinctive sound quality.



The **GX-750** is equipped with a powerful 15" bass driver which incorporates a huge magnet assembly, 4" voice coil, composite fibre dust dome and innovative cooling techniques. A Hughes GHF-5 HF horn unit incorporates a GS50BC2 ferro-fluid cooled 50mm compression driver.

GX-750's are constructed externally from 15mm birch plywood whilst the loudspeaker baffle thickness is 25mm for ultimate rigidity and performance.

A fully recessed rear mounted steel plate houses the twin connectors, the active/passive mode switch, and the rear fly point.

GS-TA3 flying track and safety tie set is fitted as standard along with a 35mm stand mount adaptor.

Connections		
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
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
Crossover frequencies		
Internal:	4th order L-R slopes 1.25KHz (low to high - active mode)	
External:	4th order 110 Hz (with SHERMANN Audio bass systems)	
Switch:	Passive - UP position / Active - DOWN position	

For optimum performance and system protection we recommend the use of a digital loudspeaker management unit with the GX-750.
 Klark-Teknik, BSS and XTA manufacture suitable models which may be loaded with preset configurations to operate with any SHERMANN Audio system.

Specifications

System

Format	2 way Passive / Active
Network	PCN-4X
Nom' impedance (LF/HF)	8 ohm / 16 ohm
Rec' x/over frequency	1.25KHz (active mode)
Hi-pass filter (-3dB point)	35 Hz / 4th order
Rec' amp' power @ 8ohm	400-750 watts (LF) 150-250 watts (HF)

Performance

Sensitivity @ 1w/1m	100 dB (LF) 111 dB (HF)
Max' output (passive)	130 dB @ 1m
Max' output (active)	133 dB @ 1m
Frequency response	55 Hz - 18.5 KHz
Dispersion	50° x 30°

Components

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

Dimensions

Height (including skids)	686 mm (27-00")
Depth	427 mm (16-82")
Width (front)	476 mm (18-65")
Width (rear)	290 mm (11-42")
External volume	107 lts (3-76ft ³)
Weight	40 Kgs (89 lbs)

Mechanical

Connectors	Speakon NL8 x 2
(Connector option)*	NL4 x 2 / EP or AP
Flying points (fitted)	GS-TA3
Stand mount (fitted)	GSA1/35 (35mm i/d)
Handle (Top)	Flip (large type)
Handles (Sides)	Bar (x 2)
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 Audio product please fax, call or email us - contact details are shown below.

* Options must be requested at time of ordering.



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