

# Gx122 by SHERMANN Audio

The **SHERMANN Audio Gx122** is a two way, multi-role compact system supplied in passive drive format loaded with a powerful, efficient 12" LF driver and a 2" compression driver.

The superior vocal and music projection qualities along with it's unobtrusive non-reflective black finish allow the **Gx122** to be used as a FOH box or a compact stage wedge.



As a FOH pa unit the Gx122 may be used for a wide variety of applications including theatres, conferences venues, churches, band PA system (with **SHERMANN Audio** bass units if required) and AV in schools & colleges.

As a stage wedge the Gx122 is designed for use in applications where a very powerful, full range foldback speaker or side-fill is required.



**Gx122** (right) in wedge format with front foam removed showing the drivers & tough steel mesh grill and (above) in FOH format with front foam fitted.

The **Gx122** is equipped with a powerful 12" bass/mid driver which incorporates a neodymium magnet assembly, aluminium chassis and a 3" voice coil.

Upper midrange & HF response is handled by a GS38BCN 1.4" driver on a GHF90 horn assembly.

An advanced ferro-fluid installed within the magnetic gap of all **Shermann** compression drivers improves long-term reliability by reducing heat build-up within the voice coil assembly.

All **SHERMANN Audio** products are built to the highest standards and the Gx122 is no exception.

Constructed externally from 15mm birch plywood the loud-speaker baffle thickness is 18mm for ultimate rigidity and performance.

<b>Connections</b>	
<b>Speakon NL4</b>	pin 1+ <b>hot</b> / pin 1- <b>cold</b>
<b>Crossover frequencies</b>	
<b>Internal:</b>	not applicable; passive drive
<b>External:</b>	<b>4th order 100 - 125Hz</b> (with <b>SHERMANN Audio</b> bass systems)

## Technical Specifications

### System

Format	2 way Passive
Network	PCN3
Nom' impedance	8 ohm
Hi-pass filter (-3dB point)	40Hz / 4th order
Rec' amp' power @ 8ohm	300 - 500 watts rms
Maximum input power (1)	800 watts

### Performance

Sensitivity @ 1w/1m	99 dB
Maximum output	128 dB @ 1m
Frequency response	60 Hz - 17.5 Khz
Dispersion (>1.75Khz)	80° x 50°

### Components

Drive unit (LF)	305 mm (12")
Drive unit (HF)	38mm comp' driver on GHF90 horn

### Dimensions

Height	597 mm (23.50")
Depth	368 mm (14.50")
Width	381 mm (15.00")
Apex height (as wedge)	430 mm (16.80")
External volume	82 lts ( 2.9ft <sup>3</sup> )
Weight	23 Kgs ( 50lbs)

### Mechanical

Connectors	"Speakon" NL4 x 2
Flying points (option) *	GS-TA3
Stand mount (fitted)	GSA1/35
Handles	Bar & flip types
Finish	Black carpet
Finish (option) *	Textured paint

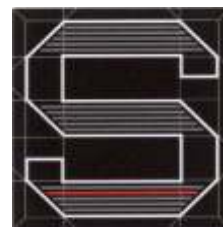
#### *Please note*

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.



**ShermannAudio**

Unit 35, Vastre Enterprise Park  
Newtown, Powys, UK.  
SY16 1DZ

Tel: 0845 644 2209

Fax: 01 686 623 233

Email: sales@shermann.com

Web: [www.shermann.com](http://www.shermann.com)