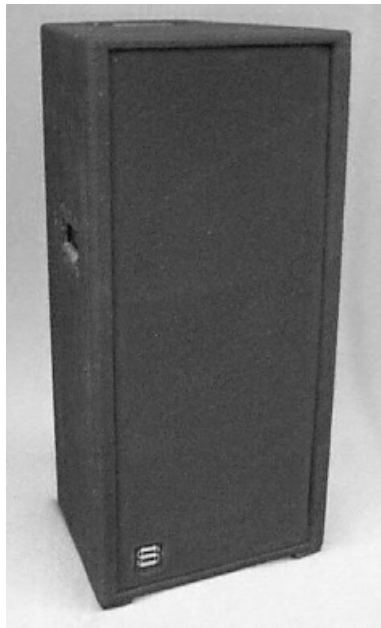


GX801^{V2}



The superior vocal and music projection qualities along with its unobtrusive non-reflective black finish allow the **SHERMANN Audio GX801** to be used in the widest variety of applications. Requiring less than 4 cu.ft of transport space the 801 has output capabilities greater than many fully horn loaded systems over twice its size and weight.

The **GX801** is equipped with two powerful 10" bass drivers built on cast chassis which incorporate a substantial magnet assembly and 3" voice coil.

Midrange and HF response is handled by a **SHERMANN Audio** GM17/50 cone mid unit and GS25F1 compression driver mounted on our advanced MH17D1 dual horn assembly.

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

The **SHERMANN Audio** GX801 is built to the highest standards using high grade 15mm baltic birch plywood for the outer shell whilst the loudspeaker baffle thickness is 25mm for ultimate rigidity and performance.

The cabinet is covered in a highly durable black carpet and a strong steel mesh grill protects the drive units.

A PCN-4 based crossover network handles all in-cab signal routing, phase alignment and drive unit EQ thus eliminating the need for a

Connections

Speakon NL4 pin 1+ **hot** / pin 1- **cold** (2+ 2- to order)

Crossover frequencies

Internal: not applicable; passive drive

External: 4th order 110Hz (with SHERMANN Audio LF systems)

Technical Specifications

System

Format	3 way Passive
Network	PCN-4
Nom' impedance	8 ohm (4 ohm option)*
Hi-pass filter (-3dB point)	35Hz / 4th order
Rec' amp' power @ 8 ohm	350 - 750 watts rms
Maximum input power	850 watts

Performance

Sensitivity @ 1w/1m	102 dB
Maximum output	131 dB @ 1m
Frequency response	75 Hz - 18.5 KHz
Dispersion (>750hz)	70° x 40°

Components

Drive unit (LF)	254 mm (10") x 2
Drive unit (MF)	165 mm (6.5")
Drive unit (HF)	25 mm
Horn Unit	Shermann MH17D1

Dimensions

Height	971 mm (38.25")
Depth	375 mm (14.75")
Width	405 mm (15.90")
Rear Width	283 mm (9.55")
External volume	112 lts (3.96ft ³)
Weight	48 Kgs (105lbs)

Mechanical

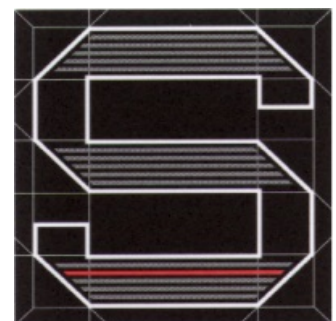
Connectors	"Speakon" NL4 x 2
Flying points	GS-TA3
Stand mount (fitted)	GSA1/35
Handle	Bar type
Finish *	Black carpet

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 Audio product please fax, call or email us - contact details are shown below.

* Options must be requested at time of ordering.



SHERMANN Audio

The Gold Series

Unit 36, Vastre Enterprise Park
Newtown, Powys, UK. SY16 1DZ
Tel: +44 (0)8456 44 22 09 (01686 622 997)
Fax: +44 (0)8456 44 22 51
Email: sales@shermann.com
Web: www.shermann-audio.com