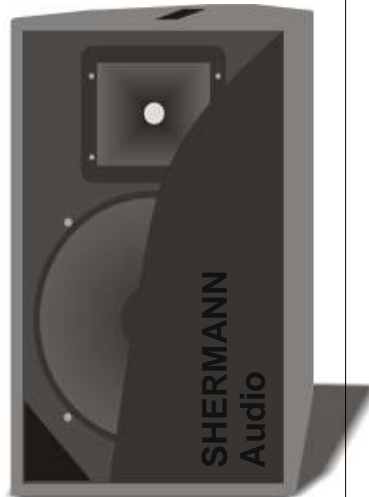


## GL3

The super lightweight SHERMANN Audio GL3 is a powerful, compact two way model supplied in passive drive format.

Standard hardware includes a GS-TA2 flying track & safety tie set for use with Syrious GS-F2 flying brackets or GS-W2 wall brackets.

Also supplied is a GSA1/35\* stand mount adaptor to enable use with any good quality tripod stand or bass cabinet mounted extension pole.\*  
NOT recommended for installation on 35mm spigot type wall brackets.



The SHERMANN Audio GL3 is a trapezoidal version of the successful MRL-3 multi-role, lightweight model introduced in 2001 which found immediate favour with touring and AV companies.

In addition, the GL3 is an ideal workhorse for small theatres, places of worship, schools and leisure centres.

The GL3 maintains a high standard of speech and music clarity throughout the audio range with the added advantages of super compact size and a significant weight reduction over competitive models.

A powerful, highly efficient 10" bass drive unit features a neodymium magnet assembly whilst a lightweight, ultra reliable 1" neodymium compression driver offers subtle, accurate detail in the upper mid and HF frequencies.

### Touring the GL3

Versatility is the keyword with all SHERMANN Audio products and the GL3 has been designed to maximise use within a wide variety of system combinations.

This compact, lightweight multi role workhorse is supplied with a strategically placed handle to assist loading or stacking.

A fully recessed, heavy duty 35mm pole mount is supplied as standard along with a GS-TA2 flying track set for use with a GS-F2 flying bracket.

### Installing the GL3

The numerous advantages of fully equipped SHERMANN Audio touring boxes are also available to the installer.

From a fully equipped instal model to a totally basic version with no handles, stand mount or flying fittings the GL3 may also be specified in a variety of painted finishes.

Our expertise in the installation market allows us to offer superb sounding systems which are highly efficient, cost-effective and fully compatible with our customer's requirements.

### Exterior fittings

#### Handle (top)

Steel recessed steel large flip type

#### Finish

Heavy duty black carpet or optional textured paint finish - any colour \*

#### Grille

Heavy duty welded mesh on steel frame c/w acoustically transparent foam and engraved logo.

#### Skids

Bottom mounted easily replaced 15mm plywood skids

#### Flying Points (supplied)

1) GS-TA2 top and rear mounted track \*

### Construction

#### Cabinet shell

15mm multi-laminate Scandinavian birch plywood.

#### Baffle assembly

25mm multi-laminate Scandinavian birch plywood.

### Connections

#### Speakon NL4

pin 1+ **hot** / pin 1- **cold**

#### Speakon NL4 (option) \*

pin 2+ **hot** / pin 2- **cold**

*Input sockets are parallel linked on all pins eg. 1+ to 1+ / 2+ to 2+ (see diagram)*

*This facility allows "daisy chaining" of four GL3 cabinets in pairs using one four core cable.*

*An appropriate adaptor cable capable of routing the feed from pins 2+/2- to 1+/1- is available.*

### Crossover frequencies

#### High pass (full range mode)

45Hz 4th/8th order Linkwitz-Riley or Butterworth filtering

#### High pass (with SHERMANN Audio LF systems)

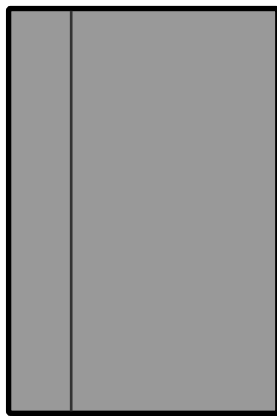
100 - 120Hz 4th order Linkwitz-Riley

\* Options must be requested at time of ordering.

For optimum performance and system protection we recommend the use of a digital loudspeaker management unit within systems incorporating the GL3.

Ashly, BSS, DBX, Klark-Teknik, and XTA offer suitable models which may be loaded with preset configurations to enable successful operation within any SHERMANN Audio system.

## GL3



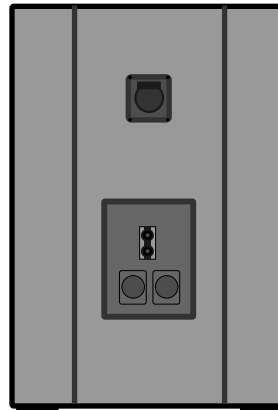
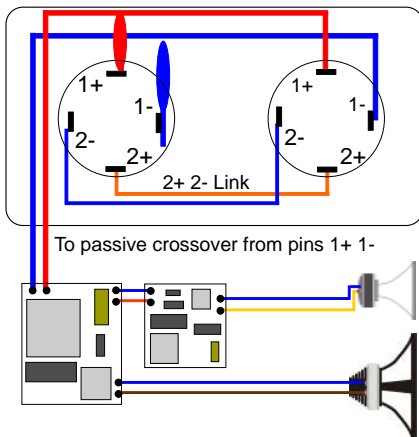
284mm



323mm

505mm

### NL4 input plate



### Speaker Cables

We recommend the use of **2.5mm<sup>2</sup>** or **4mm<sup>2</sup>** OFC cabling with all SHERMANN Audio full range cabinets.

Wherever possible, cable lengths should not exceed **5 metres** for 4 ohm loading (*2 x 8ohm GL3 in parallel*); cabinet link cables should not exceed 1 metre.

Please call for details on SHERMANN Audio cables - contact info\* shown below.

#### *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.

The information within this data sheet is accurate and correct at the time of publication.

It is recommended that all technical information is verified with the company before inclusion in quotations or tender documents.

The company will not be held responsible for losses or difficulties arising from errors, changes or omissions.

**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](http://www.shermann-audio.com)

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### Technical Specifications

#### System

Format	2 way Passive
Network	PCN-3
Nom' impedance	8 ohms
Hi-pass filter (-3dB point)	35Hz / 4th order
Rec' amp' power @ 8 ohm	150 - 300 watts rms
Continuous Programme	500 watts
Short term peak	750 watts

#### Performance

Sensitivity @ 1w/1m	99 dB
Maximum output	126 dB @ 1m
Frequency response	65 Hz - 18.5 KHz
Dispersion > .5 KHz	80° x 60°

#### Drive unit - LF

Drive unit size	255 mm / 10"
Voice coil diameter	64 mm / 2.5"
Chassis	Cast aluminium
Magnet	Neodymium
Mounting	5mm caphead bolts x 4

#### Drive unit - MF

Drive unit size	n/a
Voice coil diameter	
Chassis	
Magnet	
Mounting	

#### Drive unit - HF

Drive unit exit	25 mm / 1"
Voice coil diameter	51 mm / 1.95"
Magnet	neodymium
Diaphragm	titanium
Horn mounting	6 mm x 2

#### Dimensions

Height	505 mm (19.88")
Depth	284 mm (11.20")
Width	323 mm (12.70")
External volume	35 lts (1.24 ft <sup>3</sup> )
Weight	15.4 Kgs (34 lbs)

\* Options must be requested at time of ordering.

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**SHERMANN Audio**

A Series