

A Series by SHERMANN Audio

GL6

(discontinued model - replacement parts readily available except 15" driver - recone only)

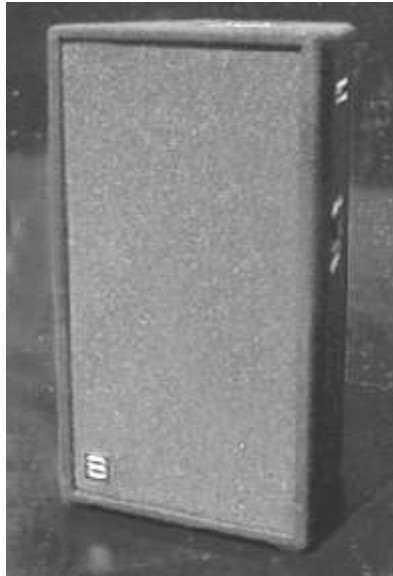
The **SHERMANN Audio GL6** is a high power three way system following on from the original trapezoidal version of the CA6 which is in widespread use by numerous UK rental companies.

Supplied in bi-amped drive format it incorporates an efficient 15" LF driver, horn loaded 6.5" midrange and an ultra lightweight 1" HF driver on a SHERMANN Audio dual horn assembly.

The horn loaded 6.5" midrange drive unit enhances the all-important detail in the 750Hz -3KHz frequency range.

Four conveniently placed handles and GS-TA3 fly track set assist speedy rigging and de-rigging.

Although light weight in stature the GL6 is certainly a heavyweight performer.



The GL6 is equipped with a high power 15" bass driver which incorporates a robust cast chassis, 4" voice coil and a large magnet assembly with an effective heat dispersion system.

A Hughes MH17D1 Mid/HF horn unit incorporates our high power GM17/50 midrange driver and GS-25FN1 ferro-fluid cooled 25mm HF compression driver.

All SHERMANN Audio products are built to the highest standards and the GL6 is no exception.

Constructed externally from 15mm birch plywood the loudspeaker baffle thickness is 25mm for ultimate rigidity and performance.

Connections

Speakon NL8	Mid/ High	pin 3+ hot / pin 3- cold
	Low	pin 2+ hot / pin 2- cold
Speakon NL4	Mid/ High	pin 2+ hot / pin 2- cold
	Low	pin 1+ hot / pin 1- cold

Crossover frequencies

Internal: (low to high)	4th order L-R slopes 750 Hz
External: (with SHERMANN bass units)	4th order 90 - 125Hz

For optimum performance and system protection we recommend the use of a digital loudspeaker management unit with the GL6.

Klark-Teknik, BSS and XTA manufacture suitable models which may be loaded with preset configurations to operate with any SHERMANN Audio system.

Technical Specifications

System

Format	3 way bi-amplified
Network	PCN-3A
Nom' impedance	8 ohm (LF)
	15 ohm (Mid / HF)
Hi-pass filter (-3dB point)	30Hz / 4th order
Rec' amp' power 8 ohm	450-750 w (LF)
Rec' amp' power 16 ohm	150-400 w (Mid/HF)
Rec' x/over frequency	750 Hz (Mid/HF)

Performance

Sensitivity @ 1w/1m	99 dB (LF)
	107 dB (Mid/HF)
Maximum output	130 dB @ 1m
Frequency response	55 Hz - 18.5 KHz
Dispersion	70° x 40°

Components

Drive unit (LF)	380 mm (15")
Drive unit (MF)	165 mm (6.5")
Drive unit (HF)	25 mm (1")
Horn unit	MH17D1

Dimensions

Height	857 mm (33-75")
Depth	361 mm (14-25")
Width	443 mm (17-45")
External volume	131 lts (4-6 ft ³)
Weight	39-3 Kgs (87 lbs)

Mechanical

Connectors *	Speakon NL8 x 2
(Connector option)	NL4 or EP types
Flying points (fitted)	GS-TA3 track set
Handles (sides)	Large flip type (x 2)
Handles (top & bottom)	Large flip type (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 product please fax, call or email us - contact details are shown below.

* Options must be requested at time of ordering.



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A Series

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