

ShermannAudio

GS25

The all new **GS25** by Sherman® is a major advance in the development of high power, very low frequency drive systems.

It's been designed to be a future proof backbone for the touring and installed sound industry.

The all new **GS25** has been enhanced by several design features to create a low distortion high power bass drive system capable of handling a wide variety of live or recorded material.

The drivers feature a rubber roll surround with dual suspension and as such the **GS25** is capable of response in to the low 30s - that's lower than many competitors' 18" enclosures.

This model has been designed to work with current Sherman models such as the G5, G5x, G15 & RS5 along with the older CA3 & CA6.



On stage

The **GS25** may be positioned in either horizontal or vertical mode.

In horizontal mode the cabinet may be stacked and will be locked to the upper cabinet by recessed troughs in the upper face of the cabinet.

Pole Mounts

To assist with positioning of a pole mounted mid/high cabinet the GS25 is equipped with two (option of four) K&M 20mm screw thread adaptors.

These are positioned so that the pole may be fitted while the cabinet is in vertical or horizontal mode.

Connectors

Standard pin connection is 2 x NL4 sockets.

Optional connection is via 2 x NL8 sockets or a special order plate housing 2 x NL4 and one NL8 connector.

Construction

The GS25 is manufactured using void-free 24mm and 18mm birch plywood with an interlocking baffle assembly.

A new method of bracing the cabinet has been developed to create a thoroughly rigid enclosure.

This bracing technique, whilst being comparatively light in weight, has the additional function of reducing excessive airflow within the acoustic chamber.

External

The cabinet is equipped with six large insert handles which have been designed to accept gloved hands.

The rear of the cabinet has four heavy duty 100m castors permanently fitted to assist with the mobility of the enclosure.

Finish

Standard external finish is our black textured TPC paint.

An alternative would be our sturdy TRC water based finish at reduced cost.

Stacking

Horizontal stacking is simplified through the fitting of skids and matching receptors on the long sides of each GS25.

Four high stacking is therefore an option.

Flying

Available to order is an industry standard track fitted as required

Other forms of flying arrangements may be specified.

Technical Specifications

System

format	Reflex loading
cabinet impedance	4 ohms
rec' amp' power	2000 watts rms
programme power	4000 watts

Performance

frequency response (-3dB)	33 Hz - 115 Hz
sensitivity	98 dB @ 1w/1m
output (peak)	131 (134)dB @ 1m

Components

drive unit size	462 mm / 15"
voice coil diameter	102 mm / 4"
chassis	cast aluminium
surround	rubber roll
magnet	neodymium
mounting	6mm caphead bolts x 8

Dimensions

height	889 mm / 35.00"
depth over castors	720 mm / 28.80"
depth - excl' castors	603 mm / 23.85"
width	530 mm / 20.85"
external volume	286 lts / 10.10 ft ³
weight	63 Kgs / 132 lbs

Amplification

For optimum performance from the GS25 we recommend the **Shermann 218G** power amplifier.

This Class G model has the capability of supplying 1,800 watts per channel yet weighs in at just over 10kgs.

See [Shermann amplifiers](#) on the website.

For optimum performance and system protection we recommend the use of a digital loudspeaker management unit within systems incorporating the GS25.

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

The front foam used on this cabinet is not fire retardant.

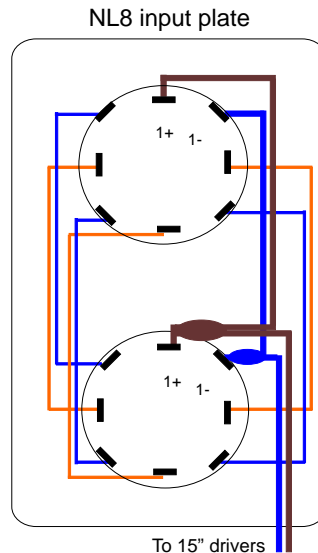
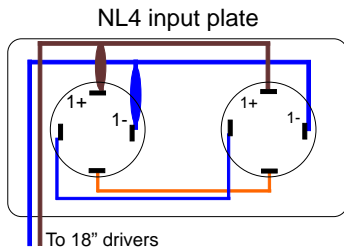
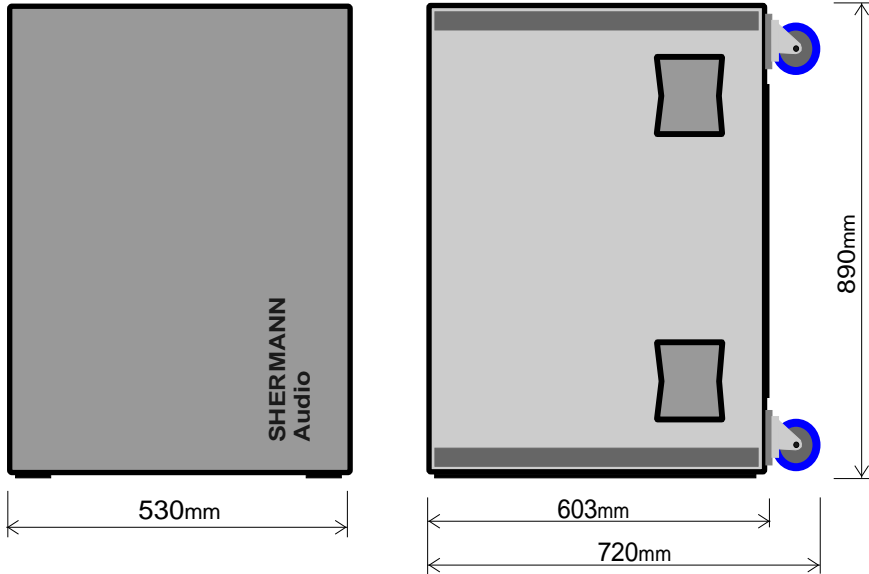
* Options must be requested at time of ordering.



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G Series

GS25



Speaker Cables

We recommend the use of 4mm² or 6mm² OFC cabling with all Sherman LF drive cabinets.

Wherever possible, cable lengths should not exceed 2.5 metres for 2 ohm loading (2 x 4ohm GS25 in parallel); cabinet link cables should not exceed .8 metre.

Please call for details on Sherman 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 Sherman product please fax, call or email us - contact details are shown below.

Textured Protective Coating.

The coating currently applied to Sherman loudspeakers is an extremely hard wearing textured finish designed to protect the loudspeaker cabinet during normal use.

Damage may be caused through contact with sharp objects or if stacked against flight cases or any other item with metal fittings during transportation.

Whilst this style of coating is generally accepted as more durable than a paint finish it should be accepted that TPC is not armour plating and as such, may indeed be scratched or damaged.

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

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Exterior fittings

Handles (six in total)
 2 each side / 1 each end

Handles (type)
 All sealed insert style

Castors (rear mounted x 4)
 100mm heavy duty swivel type.

Finish
TPC ultra heavy duty black textured coating as standard; **TRC** option

Grille
 Heavy duty steel mesh c/w acoustically transparent foam and engraved logo.

Skids
 Bottom and rear mounted easily replaced 18mm plywood skids

Construction

Cabinet shell
 18mm multi-laminate Scandinavian birch plywood.

Baffle and back
 24mm multi-laminate Scandinavian birch plywood.

Connections

Speakon NL4
 pin 1+ **hot** / pin 1- **cold**

Speakon NL8 (option) *
 pin 1+ **hot** / pin 1- **cold**

Wiring (NL4 & NL8 connectors)

Brown + / Blue -

Connector / back plate options *

- 1) Dual NL8 - standard fitting
- 2) Dual NL4 - optional
- 3) Dual NL4 plus 1 x NL8

All sockets are parallel linked on all available pins eg. 1+ 1- / 2+ to 2+ (see diagrams)

Crossover frequencies

High pass
 28Hz 4th/8th order Linkwitz-Riley or Butterworth filtering

Low pass
 110Hz 4th order Linkwitz-Riley

Note: The GS25 is not available with internal passive filtering

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