

The **GS18** powerful - portable - loud.

The **Shermann GS18** plays a **compact** but important role providing powerful LF drive as the ideal sonic partner to the G5 and G15

In theatres, pubs, churches, village halls, for school plays, at college gigs or even outdoors the GS18 brings the words *successful* and *impressive* back in to professional audio.

The GS18 with the highly versatile G5 or G15 allows the purchaser to go back to using four main boxes for audiences of 300 - 600 people with perhaps an additional V8 per side for the front rows.

Two GS18 with two G5 is rigged in a few minutes and the excellent results will be both successful and impressive.

The GS18 is a multi-gig workhorse model and it comes with the strongest of pedigrees.

The 18" bass driver.

The GS18 is equipped with an 18" bass driver highly efficient at fulfilling the requirement of super-powerful low end drive.

It features a high BL neodymium magnet assembly, 4" copper voice coil, dual suspension system and a cast aluminium chassis.

Using this 18" driver at its most efficient in the frequency bandwidth of 35 - 110hz the GS18 is ideal for use with a number of **Shermann** cabinets.

The S18 cabinet.

Built from Eastern European 18mm & 24mm birch plywood the GS18 is a conventionally shaped enclosure fitted with almost every facility currently available.

For ease of handling it's equipped with six strategically placed insert handles, four heavy duty 100mm castors on the back, a 20mm screw pole mount on the top with another mounted on one side, self-locating skids on the side & bottom plus two further skids on the rear of the box.

In addition the GS18 may be prepared to accept our SXA2 power amplifier module for use with our G5, MRL601 or MRL401 cabinets.

Each built-in SXA module will power not only the parent GS18 it will also power an additional GS18 and two G5 models.

Each module not only drives the bass system in which it's housed but also supplies drive to its partner mid/hi cabinet.

Finally, the gigging version of the GS18 is coated with a dense, heavy duty textured material we've named TPC.

The coating is extremely durable and it's been proved that TPC retains its ability to protect the cabinet much longer than conventional paint finishes.

The results.

The GS18 is a high technology loudspeaker that's easier to use than almost any other loudspeaker system when connected to it's **Shermann** partner loudspeaker.

*Wheel it in - Plug it in - Switch it on.*

The required DSP settings are minimal in fact, the GS18 may be used with a completely flat crossover and external amplifier provided filter points are correctly set.

The technicals.

Please see page 2 for mechanical and technical details.

Warning.

It should be remembered that the GS18 in combination with **Shermann** mid/high models such as the G5 is capable of high pressure levels therefore care should be taken in their positioning with regard to your audience.

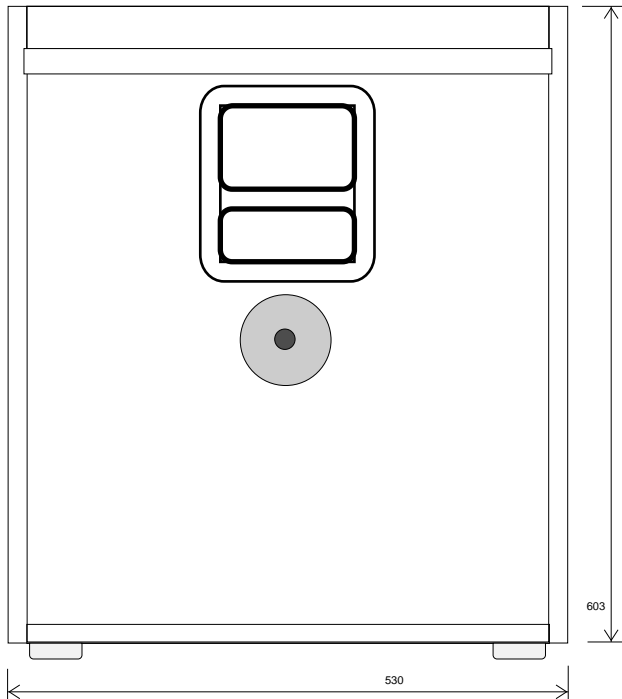
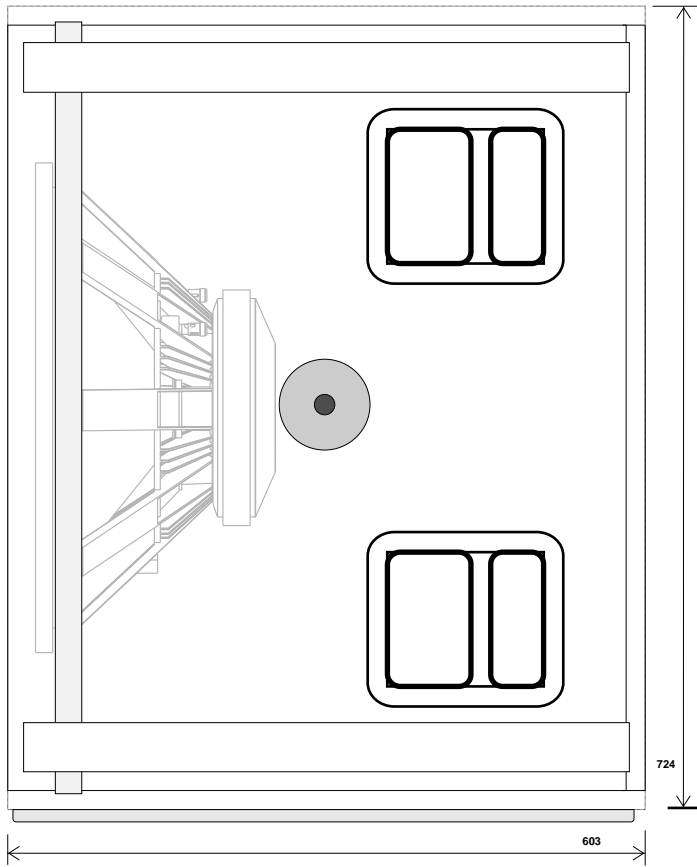
No responsibility will be accepted by the manufacturer, distributor or any other seller for the incorrect or foolish use of **Shermann** loudspeaker systems.



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## System

Format	Q4 reflex drive
Passive Networks	n/a
Nom' impedance	8 ohms
Hi-pass filter (-3dB)	30Hz 8th order B'worth
LF power @ 8ohm	1500w aes (3000w peak)

## Performance

Sensitivity @ 1w/1m	97dB (LF)
O/P level at rated power	130 dB @ 1m
Frequency response	38 Hz - 115 Hz (± 3dB)
Dispersion	n/a

## Drive unit - LF

Drive unit size	460 mm / 18"
Voice coil diameter	101 mm / 4"
Chassis	cast aluminium
Magnet	neodymium
Mounting	6mm caphead bolts x 8

## Dimensions

Height	781 mm - 30.75"
Depth	729 mm - 28.70"
Depth over castors	436 mm - 23.70"
Width	538 mm - 21.20"
External volume	252 lts - 8.90 ft <sup>3</sup>
Weight	55 Kgs - 57.7lbs

## Cabinet

Panels	18 mm birch ply
Baffle	24 mm birch ply
Cabinet external	Textured Protective Coating
Handles	Top, bottom & side insert
Grille	Coated steel mesh
Skids	15 & 18 mm plywood

## Connections

Inputs	NL8 & NL4
18" connection	Pins 1+ 1-

## Pole mount hardware

Top pole mount - fitted	20mm K&M screw thread
Side pole mount - fitted	20mm K&M screw thread

## Recommended crossover points \*

High pass filter	30Hz - 8th order B'worth
Low pass filter	110Hz - 4th order L/R

## Optional SXA amplifier modules

### SXA2

Power per channel	2250w @ 4
Inputs	XLR
Output	NL4
Mains	Powercon

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\* Please Note: external digital x/o settings are available for Ashly, XTA, BSS, Klark-Teknik and Xilica models.  
 The front foam used on this cabinet is not fire retardant.