

The XB18/800 powerful - portable - loud.

The **Shermann XB18/800** plays a **compact** but important role providing powerful LF drive as the ideal sonic partner to the recently introduced X12/500 and other Sherman models.

In theatres, pubs, churches, village halls, for school plays, at college gigs or even outdoors the XB18/800 brings the words *successful* and *impressive* back in to professional audio.

The XB18/800 with the highly versatile X12/500 allows the purchaser to go back to using four high quality boxes for audiences of 300 - 500 people with perhaps an additional compact box per side for front fill.

Two XB18/800 with two X12/500 is rigged in a few minutes and the excellent results will be both successful and impressive.

The XB18/800 is a multi-gig workhorse model and it comes with the strongest of pedigrees.

The 18" bass driver.

The XB18/800 is equipped with a highly efficient 18" bass driver.

It features a massive ferrite magnet assembly, 4" copper voice coil, single suspension system and a cast aluminium chassis.

Using this 18" driver at its most efficient in the frequency bandwidth of 35 - 120hz the XB18/800 is ideal for use with a number of **Shermann** cabinets.

The XB18/800 cabinet.

Built from Eastern European 18mm & 24mm birch plywood the XB18/800 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, skids on the side & bottom plus two further skids on the rear of the box.

Finally, the giggering version of the XB18/800 is coated with a durable water based textured coating known as TRC.

An alternative coating at extra cost is the extremely heavy duty material we've named TPC.

TPC retains its ability to protect the cabinet much longer than conventional paint finishes.

The results.

The XB18/800 is a high technology loudspeaker that's easier to use than almost any other loudspeaker system when connected to it's **Shermann** partner loudspeaker.

Bring it in - Plug it in - Switch it on.

The required DSP settings are minimal in fact, the XB18/800 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 XB18/800 in combination with **Shermann** mid/high models is capable of high pressure levels therefore care should be taken in their positioning with regard to your audience.

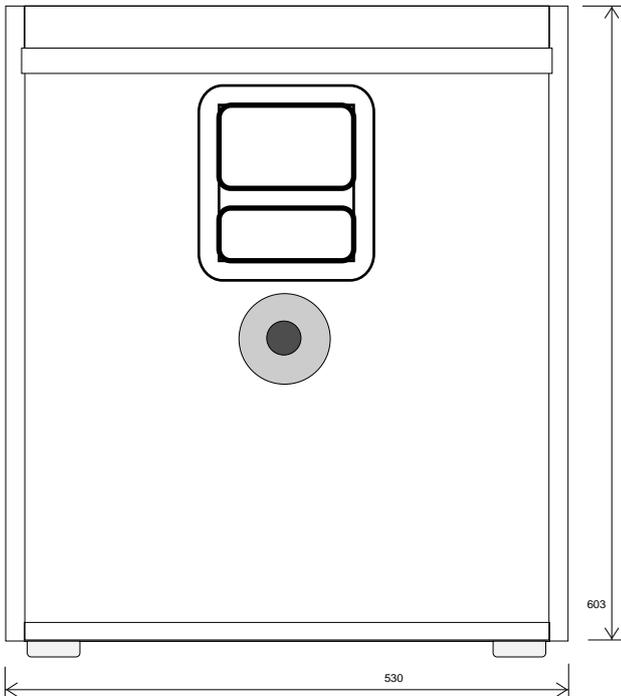
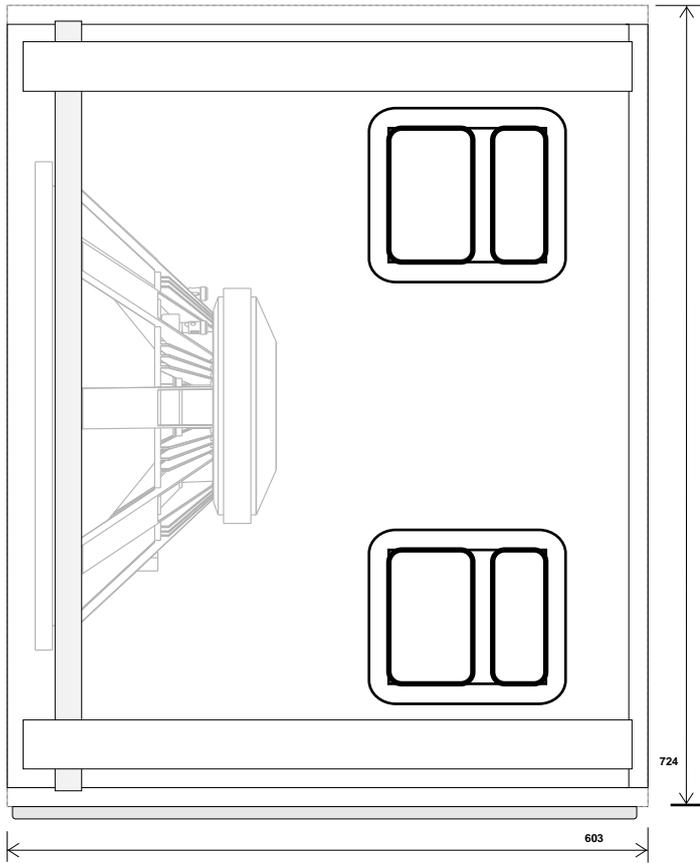
No responsibility will be accepted by the manufacturer, distributor or any other seller for the incorrect or foolish use of **Shermann** loudspeaker systems.



XB18/800

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System

Format	Reflex drive
Passive Networks	n/a
Nom' impedance	8 ohms
Hi-pass filter (-3dB)	35Hz 8th order B'worth
LF power @ 8ohm	800w aes (1600w peak)

Performance

Sensitivity @ 1w/1m	98dB (LF)
O/P level at rated power	128 dB @ 1m
Frequency response	41 Hz - 115 Hz (± 3dB)
Dispersion	n/a

Drive unit - LF

Drive unit size	458 mm / 18"
Voice coil diameter	101 mm / 4"
Chassis	cast aluminium
Magnet	ferrite
Mounting	6mm caphead bolts x 8

Dimensions

Height	781 mm - 30.75"
Depth	603 mm - 23.70"
Depth over castors	728 mm - 28.70"
Width	538 mm - 21.20"
External volume	252 lts - 8.90 ft ³
Weight	56 Kgs - 59.8lbs

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
Shermann engraved foam	Option at extra cost
Skids	15 mm plywood

Connections

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

Pole mount hardware

Top pole mount - fitted	35mm pole mount
Option	20mm K&M screw thread

Recommended crossover points *

High pass filter	35Hz - 8th order B'worth
Low pass filter	110Hz - 4th order L/R

The optional front foam available for this cabinet is not fire retardent.

* Please Note: external digital x/o settings are available for Ashly, XTA, BSS, Klark-Teknik and Xilica models.

Built by S.P.A. Systems Ltd
 tel: 01686 622 997
 mob: 07971 882 663
 fax: 01686 623 233
 email: info@shermann.com
 web: www.shermann.com

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