

The X15/600 ease of use - low distortion - lightweight.

For use in theatres, mobile discos, pubs, churches, village halls, for school plays, at college gigs or even outdoors the passive X15/600 brings the words *successful* and *impressive* back in to professional audio.

Go back to using four main boxes for audiences of 300 - 500 people with perhaps an additional small box per side for front fill.

Two X15/600 with two XB18/800 bass systems is rigged in a few minutes and the excellent results will be both successful and impressive.

The X15/600 is our multi-use workhorse model and it comes with the strongest of pedigrees.

The 15" bass/mi d.

The X15/600 is equipped with a highly efficient 15" bass/mid driver.

It features a ferrite magnet assembly, 3" copper voice coil, medium weight cone and a cast aluminium chassis.

Using this 15" driver at its most efficient in the frequency bandwidth of 60 - 1200hz the X15/600 is ideal for use either as a solo cabinet or with single or dual 18" bass systems - dependant of course on programme material.

The 1.4" upper mi d/hf.

The X15/600 features a low distortion compression driver operating above 1200Hz.

The compression driver is an extremely efficient, responsive device.

This driver is attached to an aluminium horn whose dispersion pattern is a nominal 80° x 50°.

The horn may also be rotated to offer a 50° x 80° distribution pattern

The X15/600 cabi net.

Built from Eastern European birch plywood the X15/600 is shaped as a true FOH box.

The sturdily built trapezoidal cabinet is easily handled and simply rigged in all instances.

For flying purposes the X15/600 may be equipped with two point track at additional cost.

Two large insert handles are fitted the lower of which contains the deep recessed dual NL4 input plate.

A 35mm K&M stand mount is fitted as are plywood skids.

The X15/600 is coated with a sturdy textured water based paint we've named SW-Coat.

We also offer an extremely durable known as S-Coat proven for its ability to protect the cabinet much longer than conventional paint finishes.

The resul ts.

The X15/600, a high technology loudspeaker that's easier to use than almost any other loudspeaker system.

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

The required DSP settings are minimal in fact, the X15/600 may be used with a completely flat crossover provided the filter points are correctly set.

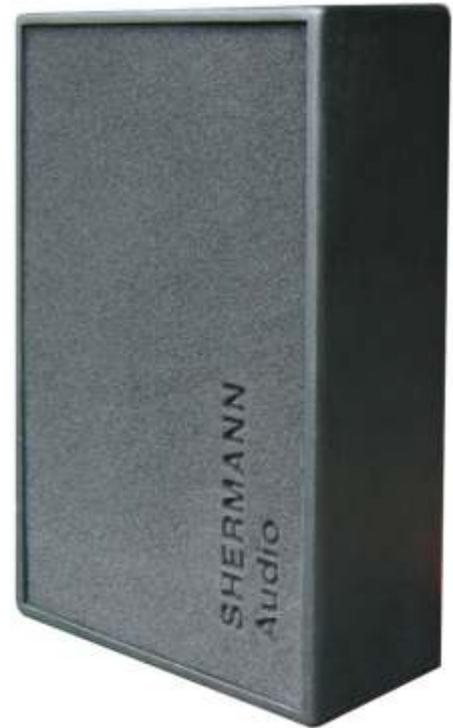
The techni cal s.

Please see page 2 for mechanical and technical details.

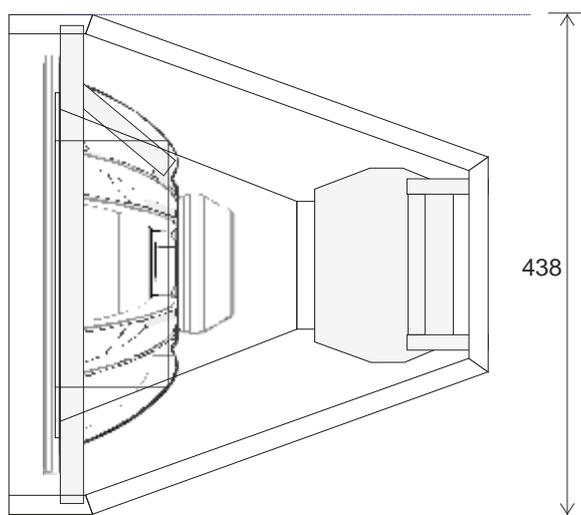
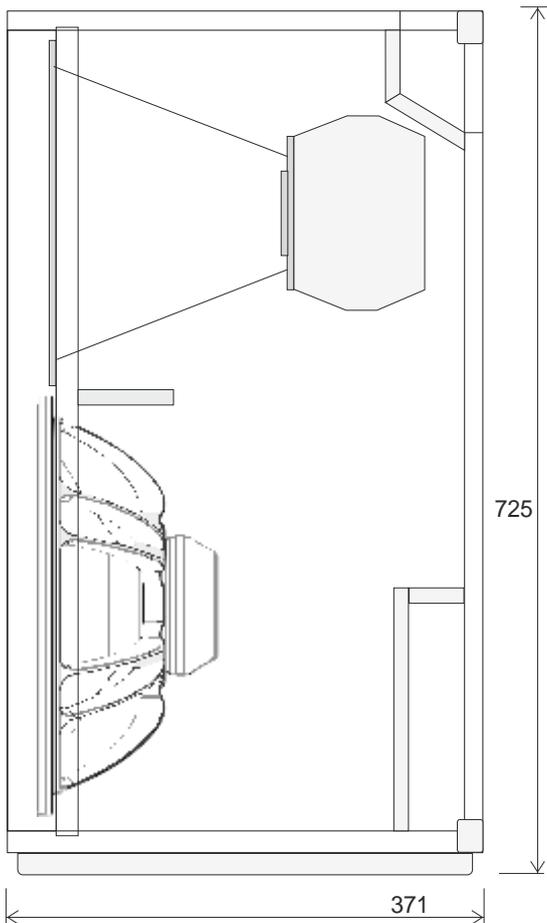
Warni ng.

It should be remembered that the X15/600 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 manufacturers, distributors or sellers for the incorrect or foolish use of **Shermann** loudspeaker systems.



X15/600



System

Format	2 way (passive)
Passive Networks	PCN3
Nom' impedance	8 ohms
Hi-pass filter (full range)	45Hz / 4th/8th order
Hi-pass filter (with sub)	100Hz / 4th order L/R
Cab power @ 8ohm	600w aes (1200w peak)

Performance

Sensitivity @ 1w/1m	98dB 1w / 1m
O/P level at rated power	127 dB @ 1m
Frequency range	50 Hz - 18 KHz (± 3dB)
Dispersion above 850 Hz	80° x 50° (H x V)
Optional dispersion	50° x 80° (H x V)

Drive unit - LF

Drive unit size	380 mm / 15"
Voice coil diameter	76 mm / 3"
Chassis	cast aluminium
Magnet	Ferrite
Mounting	6mm caphead bolts x 4

Drive unit - Mid/HF

Drive unit exit	35 mm / 1.4"
Voice coil	64 mm / 2.5"
Magnet	neodymium
Diaphragm	titanium
Horn mounting	6mm c/s socket bolts x 8

Dimensions

Height	725 mm - 28.53"
Depth	371 mm - 14.60"
Width	438 mm - 17.25"
External volume	117 lts - 4.10 ft ³
Weight	27 Kgs - 59.5lbs

Cabinet

Panels	15 mm birch ply
Baffle	24 mm birch ply
Cabinet external	SW-Coat (S-Coat option)
Handles	Top and bottom insert
Grille	Coated steel mesh
Shermann engraved foam	Fitted as standard
Skids	15mm plywood

Connections

Connector	NL4 x 2 (pins linked)
Inputs	Pins 1+ 1-

Flying & stand mount hardware

Stand mounts - fitted	35mm K&M
Flying points - option	GS-TA2
Safety tie - option	GS track

Recommended crossover points *

High pass filter - full range	50Hz - 4th order B'worth
High pass filter - with LF	110Hz - 4th order L/R

* Please Note - digital crossover settings are available for Ashly, XTA, BSS, Klark-Teknik and dB-Mark models.

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

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