

The G4 ease of use - very low distortion - lightweight.

For use in theatres, pubs, churches, village halls, for school plays, at college gigs or even outdoors the bi-amped G4 brings the words *successful* and *impressive* back in to professional audio.

Go back to using four main boxes for full range response with audiences of 100 - 500 people.

In addition, a V8 per side for front row fill would work well.

Two G4 with two GS28 or R218B is rigged in a few minutes and the excellent results will be both successful and impressive.

The G4 is more than a multi-venue, multi-use model, it's a real audio workhorse with the strongest of pedigrees.

The 15" bass/mid.

The G4 is equipped with a powerful, highly efficient 15" bass/mid driver.

It features a lightweight neodymium 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 70 - 765hz the G4 is ideal for use either as a solo cabinet or with single or dual 18" bass systems - dependant of course on programme material.

The "two horns in one" upper mid/hf.

The G4 features a low distortion 70° x 40° dual horn supporting a 6.5" cone midrange and 1" HF.

Operating from 765Hz the 2" voice coil mid is crossed at 2.6Khz to the efficient 1" compression driver to deliver higher frequencies to 19Khz.

Both the 6.5" mid and the 1" HF have lightweight neodymium magnets.

The horn may be rotated to offer a 40° x 70° pattern whilst a G4i model is available in vertical or horizontal orientation for installation purposes.

The G4 cabinet.

Built from Eastern European birch plywood the G4 is semi-trapezoid in shape.

A short 90° to the baffle panel leads to a rear sloped panel which is connected to the back of the G4 cabinet making it easily transported, safely lifted and also easy to fit in pairs into flight cases.

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

For flying purposes the G4 may be equipped with three point track to match with Shermann flying brackets.

Two large insert handles are fitted.

The lower rear handle also contains the input panel which is normally fitted with Speakon NL4 sockets but may be specified with Speakon NL8.

Finally, the gigging version of the G4 is coated with a dense, heavy duty textured material we've named TPC.

This 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 G4, a high technology loudspeaker that's easier to use than almost any other loudspeaker system.

Shermann DSP settings which we can supply for many makes of unit must be used with the G4.

DSP settings are easily obtainable from the factory.

The technicals.

Please see page 2 for mechanical and technical details.

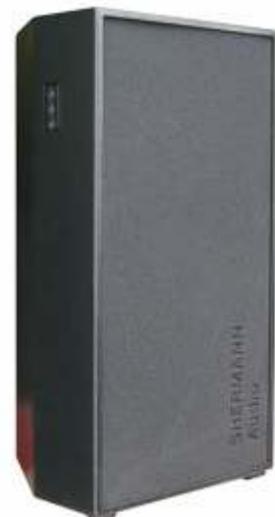
Warning.

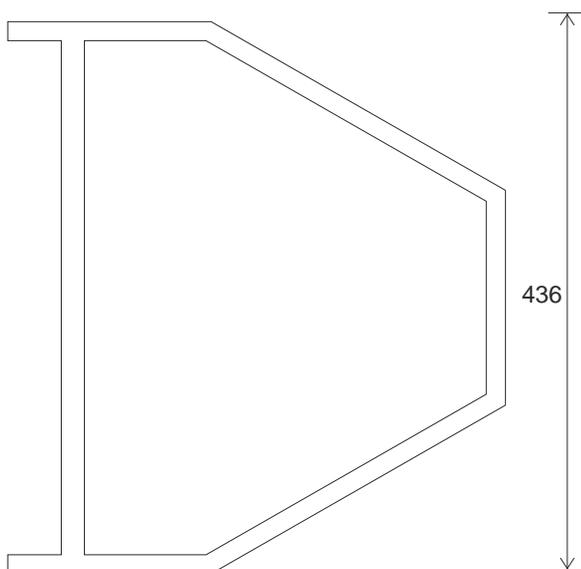
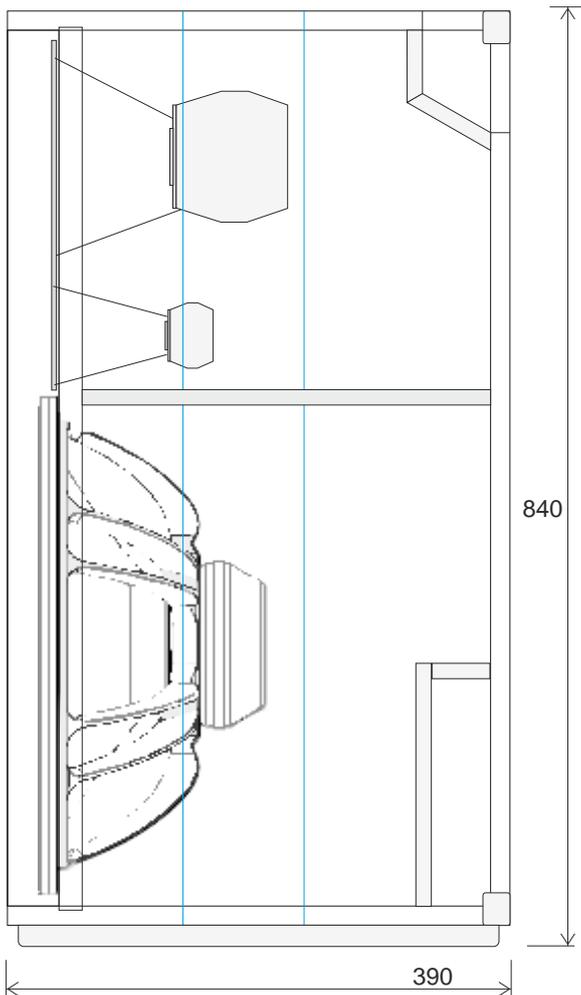
It should be remembered that the G4 is capable of high pressure levels therefore care should be taken in their positioning with regard to your audience.

No responsibility will be accepted by the manufacturers, distributors or sellers for the incorrect or foolish use of **Shermann** loudspeaker systems.



G4





System

| | |
|-----------------------------|------------------------|
| Format | 3 way (bi-amped drive) |
| Passive Networks | PCN3 |
| Nom' impedance | 8 / 8 ohms |
| Hi-pass filter (full range) | Shermann setting |
| Hi-pass filter (with sub) | Shermann setting |
| Cab power @ 8ohm | 700w / 150w aes |

Performance

| | |
|--------------------------|------------------------|
| Sensitivity @ 1w/1m | 99dB 1w / 1m |
| O/P level at rated power | 129 dB @ 1m |
| Frequency range | 65 Hz - 18 KHz (± 3dB) |
| Dispersion above 700 Hz | 70° x 40° (H x V) |
| Optional dispersion | 40° x 70° (H x V) |

Drive unit - LF

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

Drive unit - Mid/HF

| | |
|------------------|-------------------|
| Drive unit exit | 35.5 mm / 1.4" |
| Voice coil (Mid) | 51 mm / 2" |
| Voice coil (HF) | 44 mm / 1.73" |
| Magnet | neodymium |
| Diaphragm (Mid) | paper composite |
| Diaphragm (HF) | titanium |
| Horn mounting | 6mm c/s bolts x 8 |

Dimensions

| | |
|-----------------|--------------------------------|
| Height | 840 mm - 33.00" |
| Depth | 390 mm - 15.35" |
| Width | 436 mm - 17.16" |
| External volume | 142 lts - 5.03 ft ³ |
| Weight | 32.1 Kgs - 65.6lbs |

Cabinet

| | |
|------------------|-----------------------------|
| Panels | 15 mm birch ply |
| Baffle | 18 mm birch ply |
| Cabinet external | Textured Protective Coating |
| Handles | Top and bottom insert |
| Grille | Coated steel mesh |
| Skids | 15mm plywood |

Connections

| | |
|----------------|-----------------------|
| Connector | NL4 x 2 (pins linked) |
| Input - LF | Pins 1+ 1- |
| Input - Mid/Hi | Pins 2+ 2- |

Flying & stand mount hardware

| | |
|-------------------------|----------|
| Stand mounts - fitted | 35mm K&M |
| Flying points - option | GS-TA3 |
| Safety tie - with track | GS track |

Recommended crossover points *

| | |
|-------------------------------|-------------------------|
| High pass filter - full range | obtain factory settings |
| High pass filter - with LF | |

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

Built by S.P.A. Systems Ltd
 tel: 01 686 622 997
 mob: 07 971 882 663
 fax: 01 686 623 233
 email: info@shermann.com
 web: www.shermann.com

Shermann is a brand name used with the permission of the owners by S.P.A. Systems Ltd.
 Sherman is a trade mark used with the permission of the owners by S.P.A. Systems Ltd.
 Designs and copyright Blue Acoustic, 2011.
 G4 design used by Shermann with permission.
 All rights reserved.