

The **G2-06**, designed for maximum flexibility and cost-effective employment in the widest variety of high quality applications.

The all new **Shermann® G2-06**, designed by Ken Hughes, is a super-compact two way model supplied in passive drive format. It's supplied as a multi-role model which allows a wide range of options with regards to its use.

G2-06 cabinet

The **G2-06** is built to the same dimension ratios and panel angle structures as other **G2 Series** models.

A steep wedge angle along with a shallow front fill angle creates the multi-role style of the Series.

For FOH use the **G2-06** is equipped with a 35mm K&M stand mount adaptor whilst for those wishing to fly or install this cabinet side mounted M8 nut plates are available

The drivers in the G2-06

A recently developed neo bass/mid driver is supplied in the G2-06.

The output of this drive unit perfectly matches the compact, lightweight 1" compression driver.

The horn is a 90° x 60° model in square format therefore this may be rotated if required.

G2-06 passive crossover

The passive crossover fitted to the **G2-06** is equipped with specialised, high quality components.

The capacitors are 400v and 600v closely matched types whilst the inductors are wound in-house to a 0% tolerance.

Shermann PC boards are specially built for the purpose with wide tracks to offer minimal loss in all frequency bands.

Touring the Sherman G2-06

A 35mm stand mount is a standard fitting on either style of finish.

In addition, a combination stand mount / flying bracket is available which should cover most touring requirements when the optional side mounted M8 nut plates are fitted to the cab.

The touring **G2-06** may be supplied in either our sturdy SW-Coat textured finish or S-Coat, an extremely heavy-duty coating favoured by many of our customers.

Installing the Sherman G2-06

The narrower version of the **G2-06** must be considered the primary installation model and this too may be equipped with M8 nut-plates.

There's a rear mounting wall bracket for the **G2-06** for permanent installation requirements.

Any RAL colour may be specified to finish the **G2-06** at a modest additional charge although either black or white finishes are at the standard price.

Partner products

The **G2-06** is an ideal partner for the new Sherman **G12B** bass system, the Sherman **410Ax** power amplifier with built in active crossover or the Sherman **204A** two channel power amplifier.

Any combination of the above would offer extremely impressive performance within a vast framework of functions for example; in the AV environment, conferences, places of worship, PA fills, worship band wedges, theatrical productions and music gigs.

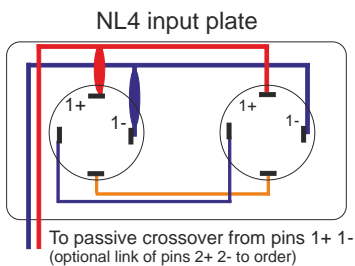
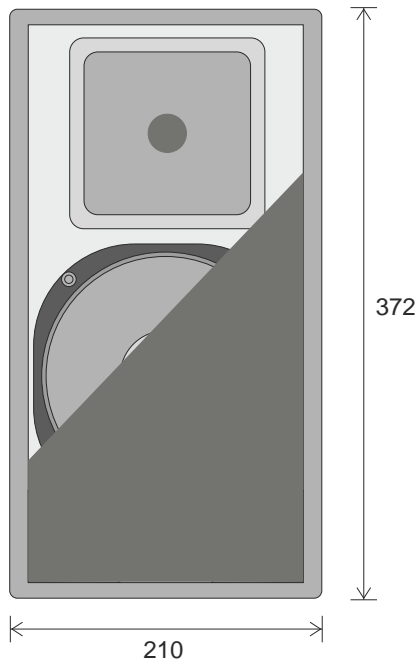


G2-06



Shermann

G2 Series



Speaker Cables

We recommend the use of **2.5mm²** or **4mm²** OFC cabling with all Shermann full range cabinets.

Wherever possible, cable lengths should not exceed 10 metres for 4 ohm loading (2 x 8ohm G2-06 in parallel); cabinet link cables should not exceed 5 metres.

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

Textured Protective Coating

The coating currently applied to Shermann 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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Technical Specifications

System

Format	2 way Passive
Networks	PCN3
Nom' impedance	8 ohms
Hi-pass filter (-3dB point)	80Hz / 4th order
Rec' amp power @ 8ohm	200 watts rms

Performance

Sensitivity @ 1w/1m	93 dB
O/P level at rated power	116 dB @ 1m
Frequency range	75 Hz - 19.5 KHz
Dispersion > 1.8 KHz **	90° x 60°

Drive unit - LF

Drive unit size	165 mm / 6.5"
Voice coil diameter	52 mm / 2"
Chassis	cast aluminium
Magnet	neodymium
Mounting	5mm caphead bolts x 4

Drive unit - HF

Drive unit exit	25 mm / 1"
Voice coil diameter	25 mm / 1"
Magnet	ferrite
Diaphragm	polyester

Dimensions

Height	372 mm (14.64")
Depth	210 mm (8.25")
Width	236 mm (9.29")
Apex height (as a wedge)	244 mm (9.60")
External volume	17 lts (0.63 ft ³)
Weight	8.7 Kgs (18.5lbs)

Optional fittings

- * 100v line transformer
- * M8 side nut plates
- * Additional NL4 sockets (bottom of cab)
- * SW-Coat or heavy duty S-Coat finish
- * RAL colours for installation models

Active crossover frequencies

High pass 70Hz (full range mode 4th/8th order Linkwitz-Riley or Butterworth filtering)
High pass 125

For optimum performance and protection we recommend the use of a digital loudspeaker management unit within systems incorporating the G2-06.

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

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