



Gold signature

GS10, GS20 & GS60
Owners Manual

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Introduction

Thank you for purchasing Monitor Audio Gold Signature loudspeakers.

The new Gold Signature series has been designed with improvements in every area, building on the strength and ethos of the original award winning Gold Reference. Although there are some visual similarities, major improvements have been made in the construction and quality of materials used with a 'no expense spared' approach. All metal parts are made from die-cast alloys and in the case of the driver chassis and chassis clamp system, a combination of cast aluminium and Zinc are used alternately to provide a structure that has different resonance properties, thus providing a high degree of resonance cancellation and damping. The cabinet is more rigid with traditional tongue and groove construction and better internal bracing. New die-cast alloy terminal panels are now located low down on the GS20 and GS60 to provide neat access and avoid unsightly trailing cables. The plinth is also now made from a rigid cast alloy with a discreet aerofoil profile. New alloy composite feet and spikes round off this highly accomplished package.

The new RST^{®2} cone profile has been refined to provide better control of break up. A new C-CAM[®] gold dome tweeter has been developed to propel high frequency performance to beyond 40KHz. Extensive development has also resulted in another unique feature; the HiVe2 port design. This new port technology uses a straight rifled construction to aid air flow and reduce turbulence.

Your Gold GS loudspeakers come complete with grilles, port bungs (all products), plinths, spikes, and tool box (GS20 and GS60 only). The tool box contains; hex keys for adjusting the spikes and attaching the plinth, a cleaning cloth, and the spikes for the spike assembly.

The GS10 is a rear ported cabinet design. Because of this design, we recommend that when fixing the loudspeakers to a wall the port bungs are used. This may also apply when any of the ported loudspeakers are positioned very close to a rear/side wall.

The GS20 and GS60 are both designed with two port tubes (per loudspeaker). One is on the front of the cabinet; the other is on the rear. These ports should not need to be blocked if you are using your loudspeaker in a room greater than about 9m². However, if you cannot implement the 'ideal' speaker positioning, then experiment using the port bungs. First start by fitting them in the rear port, then the front, and then both to see which configuration is best suited to your personal tastes and room constraints. The port bungs are another way of fine-tuning the loudspeaker to fit in sonically with your home environment.



WARNING: Care must be taken not to insert the port bungs too far into the port as this may result in the foam bung being lost inside the cabinet.

1. Read Instructions

Please read and follow all of the instructions in this manual before enjoying your loudspeakers.

Any instructions preceded by this warning triangle **MUST** be followed. Failure to do so may cause personal injury or damage to the speakers

2. Water & Moisture

The loudspeakers should not be used near water - for example, bathtub, washbowl, kitchen sink, washing machine, in a wet basement or near a swimming pool. Under no circumstance should plants or fish bowls be placed on the products.

3. Heat

The speaker/s should not be placed near any heat source such as radiators, open fires, stoves, direct sunlight and any other appliance that produces heat.

These speakers are designed for use within the home environment. Exposure to extreme temperatures & humidity when placed on patios or open conditions could adversely affect the wooden cabinet.

4. Cleaning

Great care and attention has gone into the materials chosen to produce the Gold GS loudspeakers. It is our intention that they should provide a lifetime of musical pleasure. A gentle wipe with a dry, clean cloth is all that is required to remove any dust. On high lacquer finishes please ensure the duster is free of any foreign objects to avoid scratching the surface. Treat them as you would a fine piece of furniture because that is how they have been designed. Avoid touching the loudspeaker's drive units whilst cleaning, as any damage will impair their performance.

5. Re-cycling

When it is time to replace this product please help us protect the environment by disposing of it in an appropriate and responsible manner. Further details are available from www.monitoraudio.co.uk

6. Natural wood veneers

Monitor Audio takes great pride in providing a high quality product. We use only hand selected natural wood veneers, which are carefully matched and hand finished to the highest standard possible. The unique nature of each veneer may result in natural colour variation and grain from samples you may have seen in photos or at the dealer's show room. This is what makes the product a special piece of furniture. If your speaker is finished in a Cherry veneer please be aware that it will naturally darken with age, more so than other types of wood veneer.

Your Gold GS10

With its advanced, low-resonance drivers, rigid build and contoured cabinet edges, GS10 redefines accurate, low-colouration sound in a compact, stylish stand-mount speaker. Using the new, low distortion 6-inch RST^{®2} bass-mid driver and gold C-CAM[®] tweeter developed specially for the GS series, the GS10 is capable of true 3-D imaging and tonal accuracy to rival the best reference studio monitors.

To remove the grilles, carefully prize it away from the cabinet using your fingers. The grille locates in the elongated holes around the outside of the driver chassis clamp plate. To replace it, line the peg fixings (in the grille) up with the elongated holes and gently press into place.

Frequency Response	Sensitivity (1W@1m)	Nominal Impedance (ohms)	Maximum SPL (Per pair in room). dBA	Power Handling (W) RMS	Recommended Amplifier power output. (W) RMS	Bass Alignment
40Hz – 43kHz	88dB	8	108	100	40 – 100	Rear ported, bass reflex

Tweeter crossover frequency KHz	Bass Crossover Frequency Hz	Drive Unit Complement	External Dimensions - Excluding plinth H x W x D mm (inch)	External Dimensions - Including plinth mm (inch)	Weight Kg (lb)
2.7	N/A	1 x 6" RST ^{®2} Bass/ mid-range. 1 x 25mm Gold Dome C-CAM [®] tweeter.	360 x 206 x 270 (14 3/16 x 8 1/8 x 11)	N/A	8.5 / (18.7)

Your Gold GS20

Over its nearest rivals the GS20, pulls decisively ahead in performance, value, good looks and sheer desirability. Its two and a half way, three-driver configuration is built around unique dual-cavity cabinet design: 6-inch RST® 2 bass and mid-bass drivers work into separate enclosures, tuned to differential frequency points and different impedances to increase power handling and virtually eliminate distortion. The gold C-CAM® tweeter ensures a smooth, detailed response all the way up to 40 KHz and beyond, exploiting the full potential of the latest wide-bandwidth digital formats.

To remove the grilles, carefully prize it away from the cabinet using your fingers. The grille locates in the elongated holes around the outside of the driver chassis clamp plate. To replace it, line the peg fixings (in the grille) up with the elongated holes and gently press into place.

Frequency Response	Sensitivity (1W@1m)	Nominal Impedance (ohms)	Maximum SPL (Per pair in room). dBA	Power Handling (W) RMS	Recommended Amplifier power output. (W) RMS	Bass Alignment
32Hz – 43KHz	89dB	6	111	150	40 – 150	Dual Chamber Bass Reflex with Differential Tuning (HiVe2 Technology)

Tweeter crossover frequency KHz	Bass Crossover Frequency Hz	Drive Unit Complement	External Dimensions - Excluding plinth H x W x D mm (inch)	External Dimensions - Including plinth H x W x D mm (inch)	Weight Kg (lb)
2.7	100	1 x 6" RST®2 Bass driver 1 x 6" RST®2 bass /mid driver 1x Gold Dome C-CAM® tweeter.	924 x 206 x 280 (36 3/8 x 8 1/8 x 11)	934 x 322 x 363 D (36 3/4 x 12 11/16 x 14 5/16)	20.6 / (45.3)

Your Gold GS60

The elegantly proportioned, three-way GS60 currently represents the state of Monitor Audio's art. Its performance really is "as close as it gets" to the master recording. Developing the discrete cavity technology of the GS20, the four-driver GS60 recreates the deep bass and authentic scale of a performance, bringing lifelike power, dynamics and realism to music and film. Yet its tall, slender appearance is anything but overpowering. Like all models in the Gold Signature range, the flagship GS60 is a monument to the cabinet-maker's art: immaculate real wood or piano gloss finishes are blended with modern industrial design and superb attention to detail.

To remove the grilles, carefully prize it away from the cabinet using your fingers. The grille locates in the elongated holes around the outside of the driver chassis clamp plate. To replace it, line the peg fixings (in the grille) up with the elongated holes and gently press into place.

Frequency Response	Sensitivity (1W@1m)	Nominal Impedance (ohms)	Maximum SPL (Per pair in room). dBA	Power Handling RMS (W)	Recommended Amplifier power output. (W) RMS	Bass Alignment
28Hz – 43KHz	90dB	6	112.5	200	60 – 200	Sealed Mid-Range Enclosure. Dual Chamber with Differential Tuning (HiVe2 Technology)

Tweeter crossover frequency kHz	Bass Crossover Frequency Hz	Drive Unit Complement	External Dimensions - Excluding plinth H x W x D mm (inch)	External Dimensions - Including plinth H x W x D mm (inch)	Weight kg (lb)
2.7	200	2 x 6" RST [®] 2 Bass driver 1 x 6" RST [®] 2 bass /mid driver 1x Gold Dome C-CAM [®] tweeter.	1060 x 206 x 330 (41 3/4 x 8 1/8 x 11)	1070 x 322 x 403 (42 1/8 x 12 11/16 x 15 7/8)	27.1 / (59.7)

Plinth Fixing.

(GS20 & 60 only)

With the cabinet upside-down (it will be this way straight out of the box), carefully place the plinth on the cabinet. The plinth is clearly marked with directions as to the orientation of the plinth - please see the illustration below.

The 'Monitor Audio' text should be at the back of the plinth. The 'M' logo at the front.

Use the bolts and hex key provided in the tool box to secure the plinth in place. Please refer to page 7 for spike fixing.



Spiked Foot Fixing

(Gold GS20, GS60 only)

The composite Gold GS spiked foot incorporates a spike for use on carpeted floors and also, a soft polymer pad for use on wooden or tiled floors. The foot assembly is found in the packing end cap, and the spike in the Monitor Audio Tool Box. Fig. 1. For more technical information regarding the acoustic benefits of the spikes please go to: www.monitoraudio.co.uk/gettingthebestfromyourspeakers



Please ensure there are no hidden wires under the carpet that could be damaged by the spikes.

The foot assemblies come ready for use on solid floors or where spikes are inappropriate. With the cabinet upside-down, rotate the spikes clockwise into the outer most holes until they reach a stop. Fig. 2.

If you are using your loudspeakers where you can use spikes, follow the instructions above and then take the spikes out of you Monitor Audio Tool Box, and screw them into the threaded hole in the centre of the foot assembly. Fig. 3.

Fig. 1.

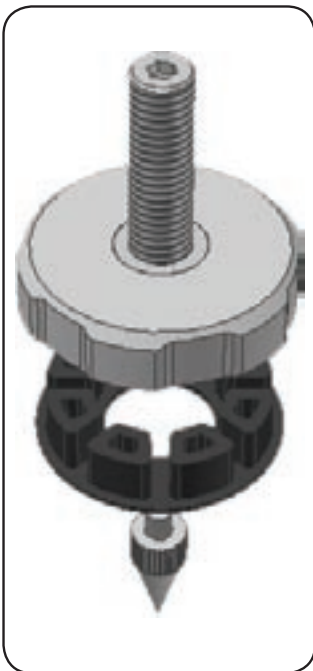


Fig. 2.

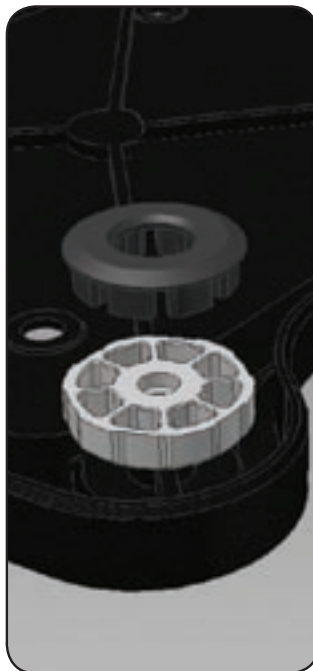
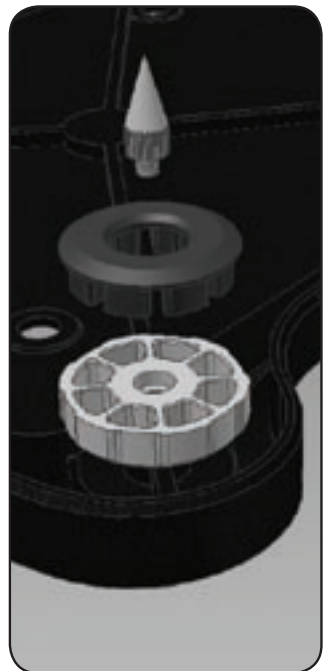


Fig. 3.



Levelling your Loudspeakers

Carefully turn your loudspeakers over and position them in your desired locations.

Take the nylon washer and large locking nut (found in the packing end cap) (Fig. 4) and place the washer over the threaded body of the foot assembly, followed by the locking nut. Fig. 5. Do not tighten it all the way up just yet.

Fig. 4.



Fig. 5.



Place the spirit level (found in the Monitor Audio Tool Box) on top of your loudspeaker to see if it is level. Adjustment (if required) is achieved using the Allen (hex) key to change the height of the foot assembly until the loudspeakers are level. When you are satisfied, tighten the locking nut.

Connecting Your Gold GS Loudspeakers

You will notice that when you unpack your loudspeakers, there are plastic terminal caps in the terminals where the speaker cable connectors should go. These can be simply removed by placing a thin, flat object underneath them and carefully levering them free.

All of the Gold GS Series loudspeakers (except the GS FX) can be either single or bi-wired/bi-amped. Monitor Audio always recommends bi-wiring your loudspeakers for improved sound quality. (see page 10 for further information)

Please see for further information:

www.monitoraudio.co.uk/gettingthebestfromyourspeakers



If you are connecting your speakers in a bi-wire, or bi amp format, please remove the terminal links. Do this by unscrewing the red and black terminals slightly and removing the link. Connect the speaker as illustrated on the opposite page.

You can also bi-amp your loudspeakers. This is carried out in the same way as bi-wiring except instead of using one amplifier to power all of the drive units/tweeter in the speaker; you are using one amplifier to drive the treble (tweeter) and the other amplifier to drive the mid/bass sections. If you are intending to do this, please consult your local hi-fi dealer for their recommendations for amplifier rating.

Connecting Your Gold GS Loudspeakers

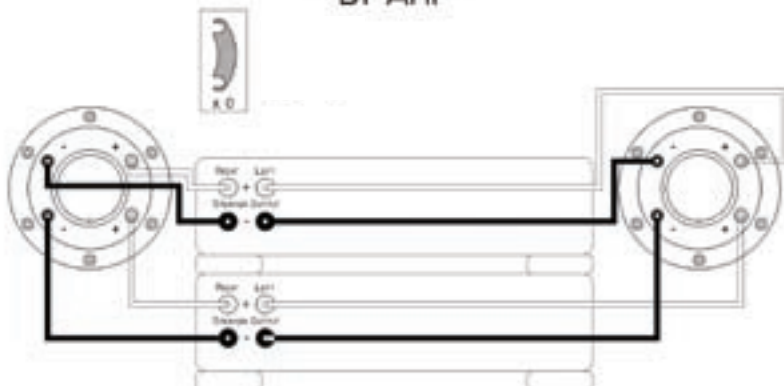
SINGLE WIRE



BI-WIRE



BI-AMP



Guarantee and Service

Valid upon completion of the incorporated warranty card and its return within 30 days of purchase.

This equipment has been fully tested prior to dispatch from the factory. Both the craftsmanship and the performance of this product are guaranteed against manufacturing defects for the period of three years from the date of purchase (see conditions below), provided that the product was supplied by an authorised Monitor Audio retailer under the consumer sale agreement. (The words 'consumer sale' shall be construed in accordance with section 15 of the supply of goods act 1973). Monitor Audio accepts no responsibility for defects arising from accident, misuse, abuse, wear and tear, modification or operation outside of that specified within this instruction manual. Neither will responsibility be accepted for damage or loss occurring during transit to or from the parties claiming under this guarantee.

This guarantee covers both labour and parts. The liability of Monitor Audio is limited to the cost of repair or replacement of the defective parts (at the discretion of Monitor Audio) and under no circumstances extends to consequential losses or damage.

Claims under this Guarantee

The equipment should be returned in its original packaging to the original supplier where possible, or to any other authorised Monitor Audio dealer. If it is not possible to return the equipment by hand, then it should be sent carriage prepaid via a reputable carrier. If the original packing is not available replacement packaging can be purchased from Monitor Audio. If you have any difficulties complying with these requirements please contact us at the following address:

Customer Service

Monitor Audio Ltd.
Unit 2, 24 Brook Road
Rayleigh
Essex
SS6 7XL
England

Tel: 44 (0) 1268 740580
Fax: 44 (0) 1268 740589
Internet: www.monitoraudio.co.uk
Email: info@monitoraudio.co.uk

This guarantee does not affect the statutory rights of the consumer under UK law.

Data Protection

Monitor Audio is committed to respecting the wishes and privacy of its customers. Any information you provide will be held in the strictest confidence and only used within the Monitor Audio organisation for the provision of services such as warranty claims or spare parts.

We may wish to contact you in the future to ensure you are happy with the products and standards of service we provide and to keep you up-to-date with the latest products and promotions we have to offer.

Should you wish not to be contacted by us either by post, e-mail or phone, please tick the box on the warranty card. Alternatively you can request not to be contacted in future by writing to Customer Service, at the address on the previous page.

Owner Information

Product Details

Model _____ Serial No _____

Date of Purchase _____

Dealer Details

Dealer Name _____

Address _____

Town, Post code, Country _____

e-mail address _____

To validate your warranty please fill in this card (using block capitals) where applicable. Alternatively, you can register online at www.monitoraudio.co.uk

Should you wish not to be contacted by us either by post, e-mail or telephone, please tick this box.

Personal Details

Title Mr Mrs Ms Other _____

First Name _____ Last Name _____

Address _____

Town _____ State/County _____

Zip/Post Code _____ Country _____

Email _____

Product Details

Model _____ Serial Number _____

Date Of Purchase _____ Shop where Purchased _____

Which related magazines do you read? _____

What is the intended use of the speakers? Music Movies Both

Is the purchase - Replacement/additional purchase? Your first purchase

What made you purchase Monitor Audio? Existing Owner Magazine Review

Dealer Recommendation Other please specify _____

What music do you listen to? Jazz Country Classical Rock/Pop

Your age is? 16- 25 26-35 36-55 55+

Your amp/reciever is? _____

Your CD/DVD player is? _____

Moisten here

Moisten here



MONITOR AUDIO
24 BROOK ROAD
RAYEIGH
ESSEX, SS6 7XL
ENGLAND

Affix stamp
here