G Series Control Unit and Receiver Installation Guide

Important safety instructions

• Read the instructions.
• Keep these instructions.
• Follow all instructions.
• Do not use this apparatus near water.
• Clean only with a dry cloth.
• Install only in accordance with the manufacturer's instructions.
• Refer all servicing to approved service personnel.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK,
DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE

Safety warnings
• Do not expose the product to dripping or splashing.
• Do not place any object filled with liquid, such as a vase, on the
   product.
• Do not place naked flame sources, such as lighted candles, on the
   product.

To avoid overheating
Do not position the product:

• In direct sunlight.
• Near heat sources, such as a radiator.
• Directly on top of heat producing equipment, such as a power
   amplifier.

The product normally runs warm to the touch.

To avoid interference
Do not position the product:

• Near strong magnetic radiation, such as near a power amplifier.
• Near to a television, or where connecting cables may be subject
   to or cause interference.

Radio interference
FCC Warning: This equipment generates and can radiate radio
frequency energy and if not installed and used correctly in
accordance with our instructions may cause interference to radio
communications or radio and television reception. It has been type-
tested and complies with the limits set out in Subpart J, Part 15 of
FCC rules for a Class B computing device. These limits are intended
to provide reasonable protection against such interference in home
installations.

EEC: This product has been designed and type-tested to comply
with the limits set out in EN55013 and EN55020.

$\boxed{\mathsf{C\,E}}$

Contents

Copyright and acknowledgements

Introduction

This guide provides full information about unpacking the control unit or receiver, connecting it to the other equipment in the system, and configuring it using the front panel.
Once you have connected and configured the product, refer to the *G Series System Guide* for information about operating it.

Control unit and receiver models

This Installation Guide applies to the G01 Control Unit, G02 Balanced Control Unit, and G51 Receiver. The main differences between each of these products are given in the following table:

Product	Preamplifier	Power amplifier	AM/FM tuner
G01	Stereo	No	Yes
G02	Dual mono/balanced	No	No
G51	Stereo	100W stereo	Yes

G01 Control Unit

The Meridian G01 is a fully-integrated analogue control unit which includes a sensitive AM/FM tuner module. It is an ideal complement to the G Series power amplifiers.

Incorporating both a preamplifier and controller, the G01 Control Unit provides seven stereo analogue inputs plus an AM/FM tuner module with RDS capability. The inputs are nominally designated Aux (phono), CD, TV, Tape, Disc, DVD, and VCR.

Two sets of stereo tape outputs are provided, along with two preamp output pairs, allowing maximum flexibility in the configuration of tape/decoder loops, multi-room, and amplification/bi-amplification. In addition to the main outputs, a stereo headphone socket is provided on the back panel for personal listening.

G02 Balanced Control Unit

The Meridian G02 is a true dual-mono analogue control unit/preamplifier with an extremely high-quality power supply for ultra-low noise and distortion. Featuring a fully-balanced signal path throughout, it is an ideal complement to the G Series power amplifiers and is particularly suited to those who wish to maintain a balanced analogue signal path at the very highest quality of reproduction.

Balanced operation has always been preferred in the professional audio industry, as it can significantly reduce hum and noise and make the system less prone to interference. The G02 brings this philosophy to the G Series. Incorporating both a preamplifier and controller, the G02 Balanced Control Unit provides seven two-channel analogue inputs. Four of these – nominally designated Aux (phono), Radio, TV, and VCR – are unbalanced, while the remaining three – CD, Tape, and Disc – offer balanced inputs on XLR connectors.

The internal architecture of the G02 is balanced throughout, and the first thing that happens to an unbalanced input is electronic balancing for maximum quality throughout the signal chain.

Two sets of unbalanced stereo tape outputs are included on the back panel, allowing maximum flexibility in the configuration of tape/decoder loops and multi-room capabilities. The outputs can be configured as a single balanced output by using a suitable break-out cable.

Two sets of main outputs are provided: the primary outputs are balanced on XLR male connectors, while unbalanced outputs are also included on phono connectors.

G51 Receiver

Incorporating a preamplifier, controller, and a power amplifier that features a unique low-feedback topology and extremely low output impedance, the G51 Receiver provides seven stereo analogue inputs plus an AM/FM tuner module with RDS capability. The inputs are nominally designated Aux (phono), CD, TV, Tape, Disc, DVD, and VCR.

Two sets of stereo tape outputs are provided, along with two preamp out pairs, one of which is normally jumpered to the adjacent power amplifier input sockets. This allows, for example, a bi-amped configuration with an additional two-channel amplifier such as the G56.

The two-channel amplifier includes the latest power amp developments from Meridian, used in the flagship DSP8000 digital loudspeaker systems.

The amplifiers feature active bias control throughout, with thermal sensing that carefully manages the temperature and current flow at different volume levels. Fully DC-coupled, the signal path contains no unnecessary capacitors, while those in the power supplies are audiophile grade components.

The amplifiers are of a unique low-feedback design for minimum transient and interface intermodulation distortion, offering superb clarity and transparency right across the audible range, with an output impedance that is close to zero and delivers a solid 100W continuous mean power per channel into 8Ω suitable for virtually any high-quality passive loudspeaker system.

The amplifier, when in standby mode, maintains a standing voltage on the power rails, reducing the time taken for optimum performance to be delivered after power-up from tens of minutes to a few seconds.

Two sets of outputs per channel are provided on sturdy binding posts colour-coded for easy reference. The output terminals are connected to the amplifiers by Van den Hul silver-strand cable to minimise signal loss.

In addition to the main outputs, a stereo headphone socket is provided on the back panel for personal listening, in conjunction with a 'speaker off' facility.

General

Each of the products provides a front-panel volume knob (press to mute), which activates a specially-designed dual differentially-balanced volume control circuit. This ensures perfect stereo tracking and full frequency range performance at all volume levels.

In all products the sensitivity of each input can be individually adjusted as desired.

The Aux input can be configured for either moving coil or moving magnet cartridge operation by the addition of appropriate phono modules.

All phono connectors are gold plated for maximum transparency.

Specifications

	G01	G02	G51
Distortion	Less than 0.002%.	Less than 0.002%.	Less than 0.002%.
Signal/Noise	Better than −96dB (2V output) for normal inputs. Better than −70dB for MM input, −60dB for MC input.	Better than −100dB (2V output) for normal inputs. Better than −70dB for MM input, −60dB for MC input.	Better than −96dB (2V output) for normal inputs. Better than −70dB for MM input, −60dB for MC input.
MM option	Sensitivity adjustable 0.5–3mV for 5cm/s @ 1kHz. Overload point 47mV @ 1kHz. Cartridge load 47kΩ + 100pF.		
MC option	Sensitivity adjustable 38–1200µV for 5cm/s @ 1kHz. Cartridge load 220Ω + 10nF.		
Inputs	7 unbalanced phono inputs, 0.5-2.5V RMS, 4 sensitivity settings, impedance 20kΩ.	4 unbalanced phono inputs, 3 balanced XLR, 0.5-2.5V RMS per output, 4 sensitivity settings, impedance 20kΩ.	7 unbalanced phono inputs, 0.5-2.5V RMS, 4 sensitivity settings, impedance 20kΩ.
Outputs	2 unbalanced phono outputs, 0–3V RMS maximum. Impedance 47Ω.	1 unbalanced, phono outputs, 0–3V RMS. 1 balanced XLR output, 0–6V RMS. Impedance 47Ω.	2 outputs 100W per channel into 8Ω, 160W per channel into 4Ω. Volume control 99 steps of 1dB.
Tape outputs	2 unbalanced outputs 1.5V RMS, impedance 470Ω.	2 unbalanced outputs 1.5V RMS, impedance 470Ω.	2 unbalanced outputs 1.5V RMS, impedance 470Ω.
Headphone	2V RMS maximum output.	None.	2V RMS maximum output.
Trigger output	12VDC.	8VDC.	12VDC.
Comms	2 5-pin 240° DIN sockets, BNC socket, RS232 interface.		
Construction	Meridian black or silver finish.	Meridian black or silver finish.	Meridian black or silver finish.
Dimensions	440mm x 90mm x 350mm (17.32" x 3.54" x 13.78") WHD.		
Weight	8.5kg (19lbs) approx.	8.5kg (19lbs) approx.	13kg (29lbs) approx.
Controls	Front-panel soft keys include control of Source, Copy, Mute, Display, etc. Power button, volume control. Full remote control of all features via MSR+.		
Display	Multi-character dot-matrix Vacuum Fluorescent Display.		

Installing the control unit or receiver

This chapter explains how to install the control unit or receiver. It describes what you should find when you unpack the product, and how you should connect it to the other equipment in the system.
You should not make any connections to the product or to any other component in the system while the AC power supply is connected and switched on.

Unpacking

The G01 Control Unit, G02 Balanced Control Unit, and G51 Receiver are supplied with the following accessories:

• MSR+ remote control with batteries, manual, and spare key caps.
• Meridian Comms lead.
• Pre-Power jumpers preinstalled (G51 only).
• AM antenna (G01 and G51).
• FM antenna (G01 and G51).
• 2 FM antenna (Belling-Lee) adaptors (G01 and G51).
• Power cord.
• This manual.
• *Meridian G Series System Guide.*

If any of these items are missing please contact your dealer.

Note: You should retain the packaging in case you need to transport the unit.

Audio connections

G01 Control Unit
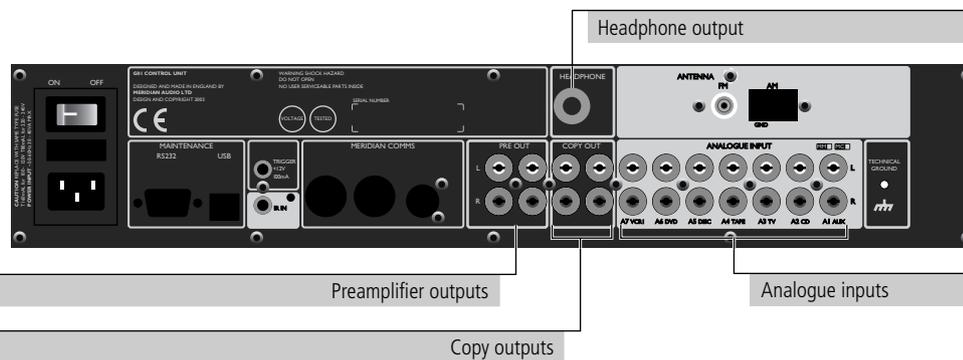
Headphone output

Preamplifier outputs

Copy outputs

Analogue inputs

Use this connector	To connect to this
ANALOGUE IN A1 to A7	The analogue outputs of a DVD player, tape recorder, TV tuner, CD player, or similar source.
COPY OUT	The analogue inputs of a tape recorder or second-zone system.
PRE OUT	The analogue inputs of a power amplifier or analogue active loudspeakers.
HEADPHONE	Headphones of between 8Ω and 15Ω fitted with a stereo ¼" jack plug.

G02 Balanced Control Unit

Copy outputs (L)

Main outputs (L)

Balanced inputs (L)

Unbalanced inputs (L)

Main outputs (R)

Unbalanced inputs (R)

Copy outputs (R)

Balanced inputs (R)
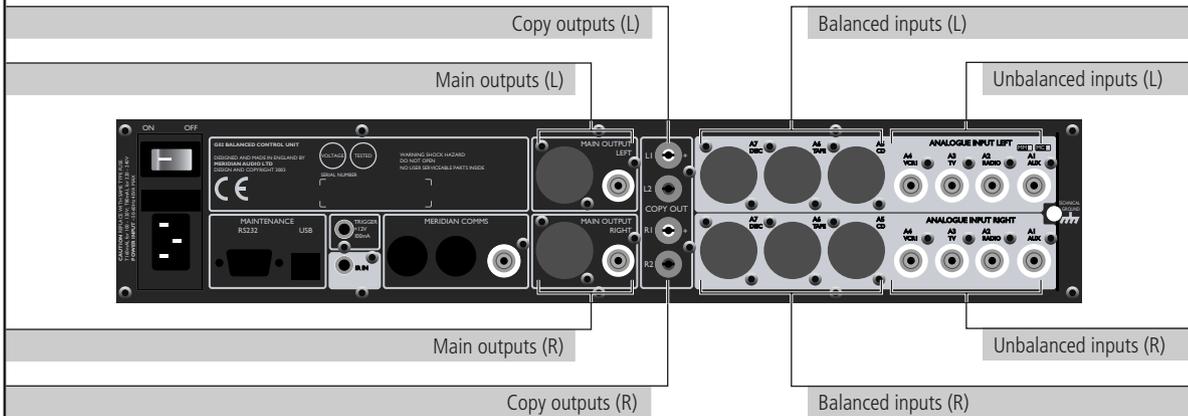
| Use this connector	To connect to this
ANALOGUE IN A1 to A4	The unbalanced analogue outputs of a source such as a radio tuner, VCR, or TV tuner.
ANALOGUE IN A5 to A7	The balanced analogue outputs of a source such as a CD player.
COPY OUT	The analogue inputs of a tape recorder or second-zone system.
MAIN OUT	The balanced or unbalanced inputs of a power amplifier or analogue active loudspeakers.

G51 Receiver

The G51 Receiver integrates a preamplifier and power amplifier, and it provides preamplifier outputs and power amplifier inputs to allow these stages to be used independently, or together using the jumpers provided.
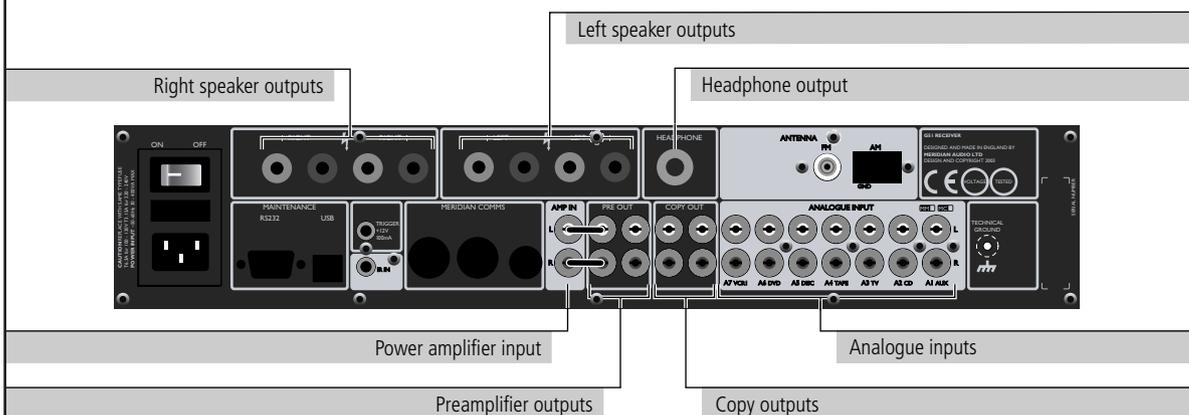
Left speaker outputs

Right speaker outputs

Headphone output

Power amplifier input

Preamplifier outputs

Copy outputs

Analogue inputs

| Use this connector	To connect to this
ANALOGUE IN A1 to A7	The analogue outputs of a source such as a tape recorder, TV tuner, or CD player.
COPY OUT	The analogue inputs of a tape recorder or second-zone system.
PRE OUT	The power amplifier input, and an optional additional power amplifier.
AMP IN	The PRE OUT using the jumpers fitted.
HEADPHONE	Headphones of between 8Ω and 15Ω fitted with a stereo ¼" jack plug.
Loudspeaker outputs	Loudspeakers of 2Ω to 16Ω.

To connect to an analogue source (eg G07 24-bit CD Player)

G07 24-bit CD Player	G01/G51

ANALOGUE OUT

COMMS

ANALOGUE IN
A2

COMMS

COMMS LEAD

PHONO LEADS
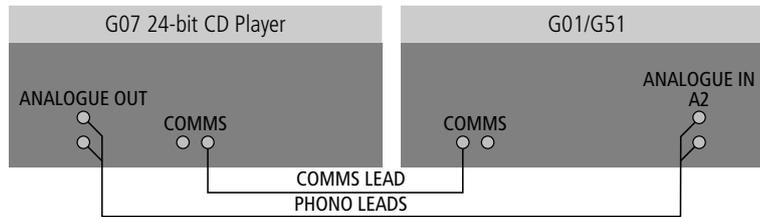
You can connect up to seven analogue sources to the G Series
control unit or receiver.

• Connect the analogue source to one of the analogue input
 sockets using a pair of phono leads.

• If the source is a Meridian product connect together the COMMS
 sockets using the Comms lead provided.

To connect the G02 to a source with balanced outputs (eg G08 24-bit Upsampling CD Player)

G08 24-bit Upsampling CD Player	G02 Balanced Control Unit

BALANCED
OUTPUTS

COMMS

BALANCED
INPUT A5

COMMS

COMMS LEAD
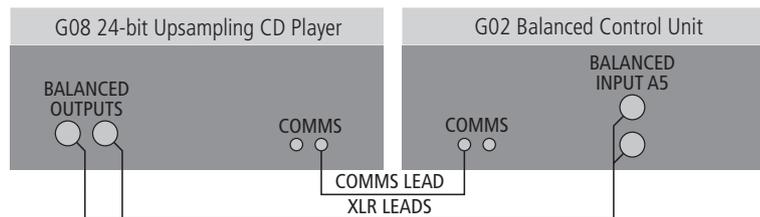
XLR LEADS

• Connect the BALANCED outputs from the G08 to the A5 (CD)
 balanced input on the G02, using XLR leads.

• If the source is a Meridian product connect together the COMMS
 sockets using the Comms lead provided.

To connect to a turntable

Turntable	G01/G02/G51
OUTPUT	ANALOGUE IN A1 AUX TECHNICAL GROUND

PHONO LEADS
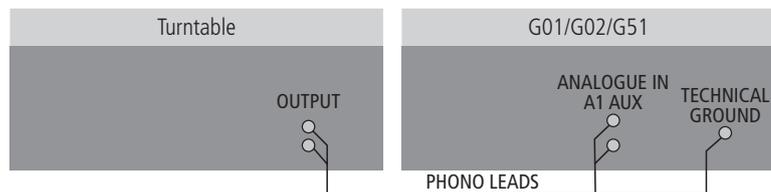
The A1 (AUX) input can be fitted with a moving coil or moving magnet input stage. Contact your dealer for details.

• Connect the cartridge output to the A1 AUX input.

• Connect the turntable ground connection to the TECHNICAL GROUND terminal, to avoid hum

To connect to a tape recorder

Analogue tape recorder	G01/G02/G51
MONITOR OUT RECORD IN	COPY OUT ANALOGUE IN A4/A6

PHONO LEADS
PHONO LEADS
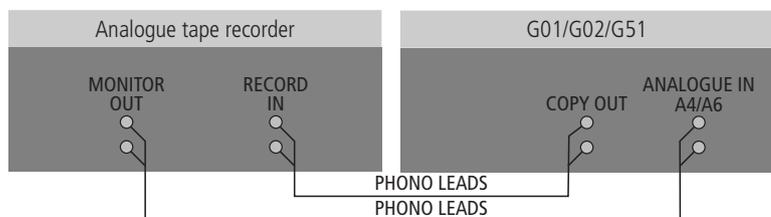
• Connect one pair of COPY OUT sockets from the G01/G02/G51 to the analogue record input on the tape recorder using a pair of phono leads.

• Connect the analogue monitor output from the tape recorder to the A4 TAPE input on the G01/G51 or input A6 on the G02 using a pair of phono leads.

To connect a second-zone system
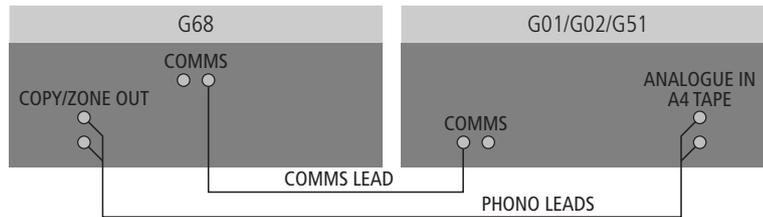
The G01, G02, or G51 makes an ideal controller for a second zone. You can connect it to the COPY or ZONE OUT of the controller in the main room to allow you to copy a source from the main room to the second zone.

• Connect one pair of COPY or ZONE OUT sockets from the controller in the main room (eg G01, G02, or G68) to the A4 TAPE inputs on the second-zone controller.

• Connect the COMMS sockets using the Comms lead provided.

• Configure the control unit or receiver in the second zone to the Type setting for a second zone; see *Stage 1:Resetting the product*, page 18.

For more information see the *Meridian Three Room Plus* guide at www.meridian-audio.com.

To connect the G01 to an unbalanced power amplifier or active analogue loudspeakers (eg Meridian M33s)
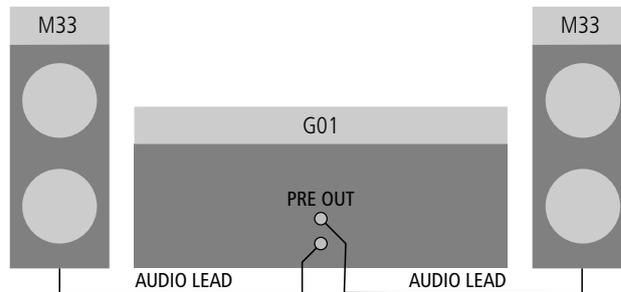
• Connect the PRE OUT sockets from the G01 to the inputs of a power amplifier, or to active analogue loudspeakers such as the Meridian M33s.

To connect the G02 to a balanced power amplifier (eg Meridian G56 or G57 Two-channel Power Amplifier)

G02 Balanced Control Unit	G56/G57 Two-channel Power Amplifier
BALANCED MAIN OUT	OFF

XLR LEAD

XLR LEAD
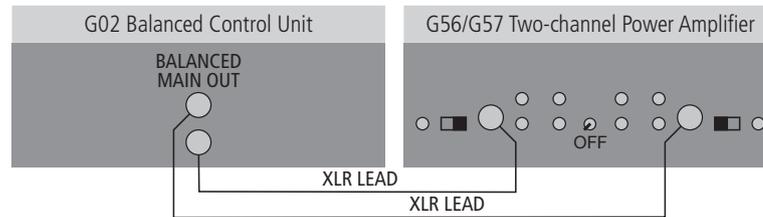
• Connect the BALANCED MAIN OUT sockets from the G02 to the
balanced inputs of the power amplifier.

To connect the G51 to loudspeakers

The G51 Receiver provides two pairs of outputs for each channel
so you can bi-wire separately to the bass/mid and treble drivers in
each speaker, for higher quality.

Alternatively, a single pair of loudspeaker cables can be used for
each channel.

To bi-wire the G51 to loudspeakers

Loudspeaker	G51 Receiver	Loudspeaker
Treble	RIGHT LEFT	Treble
Bass/mid	+ − + − + − + −	Bass/mid
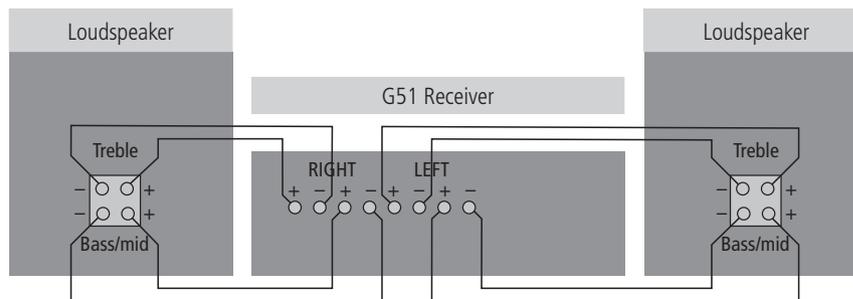
• Connect one pair of + and − terminals from the right-channel
outputs of the G51 to the treble input of the right loudspeaker,
checking the orientation of the + and − connections carefully.

• Connect the other pair of + and − terminals from the right-
channel outputs of the G51 to the bass/mid inputs of the right
loudspeaker.

• Connect the left channel to the left loudspeaker in the same way.

Tuner (G01/G51 only) and communications connections

FM tuner aerial

AM tuner aerial

Trigger output

Power and fuse

RS232 connection

USB connection

Infra-red repeater input

Meridian BNC Comms connection

Meridian DIN Comms connections
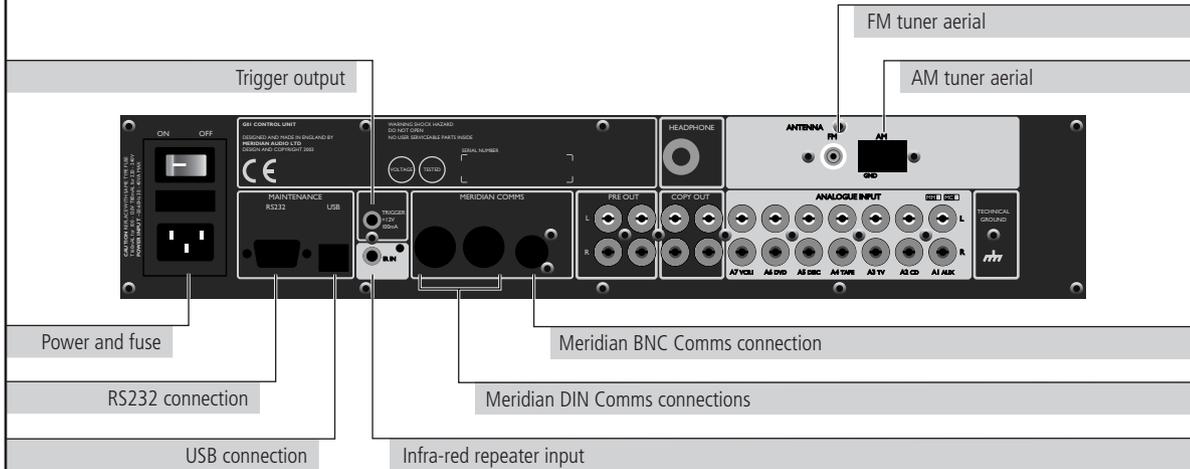
| Use this connection	To connect to this
DIN COMMS	Other Meridian G Series, 500 Series, or 800 Series equipment, or Meridian DSP loudspeakers.
BNC COMMS	Future Meridian components.
RS232 connection	A computer, for configuring the control unit or receiver.
USB connection	A computer, in future applications.
IR IN	A G12 IR Receiver, or approved alternative infra-red repeater. Contact your dealer for details.
TUNER AM, FM	AM and FM antennae.
TRIGGER OUTPUT	Other equipment, via a mono 3.5mm jack output (centre pin hot) that provides 12VDC (8VDC on G02). It is always low in standby. By default it is high for all sources, so can be used to bring a G56 or G57 Two-channel Power Amplifier out of standby. Alternatively you can program it to be high for specific sources; eg to control a projection screen.

To connect to other Meridian G Series, 500 Series, or 800 Series equipment

G01/G02/G51	G Series, 500 Series, or 800 Series unit
COMMS	COMMS

COMMS LEAD   COMMS LEAD
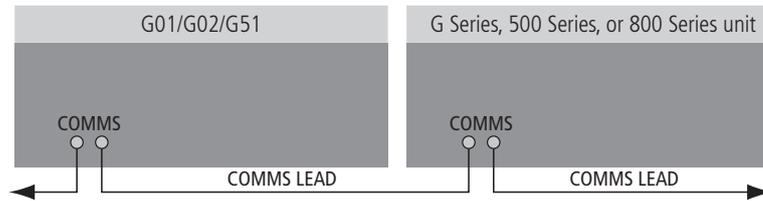
In a system of Meridian products, one of the products acts as the controller for the system, receiving infra-red commands from the MSR+, and then, if appropriate, relaying them to the other products via the Comms link.

The following procedure should be used to set up the Comms correctly between several products:

• Connect one of the DIN COMMS sockets on the back panel of the control unit or receiver to one of the COMMS sockets on another G Series, 500 Series, or 800 Series unit, using the Comms leads provided with the products.

The sequence in which you connect the units is not important.

• Switch all the units to standby.
• Press **Clear** (MSR+).

Each unit will display:

Auto

One unit will then be designated as the controller, and display:

Con.

All the other units will be configured as non-controllers, and display:

Not Con.

The sytem is now ready for use.

If the automatic setup does not work, first make sure you are operating the MSR+ from a position where all the units can receive the infra-red, and try again. Then:

• Check that none of the units have been configured to be IR Controller; see *Other settings*, page 22. Either all products should be set to Auto, or one should be configured as Controller and the others as Not Controller.

Note: Do not, under any circumstances, connect any equipment
other than Meridian G Series, 500 Series, or 800 Series to any
socket marked COMMS on the back of the product.

To connect FM and AM antennae (G01 and G51 only)

G01/G51

FM AM
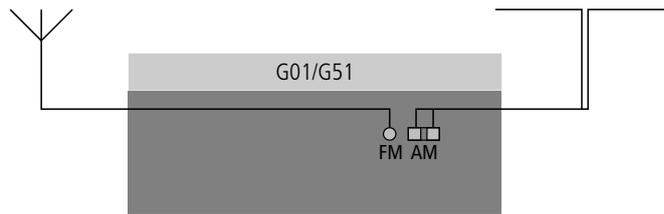
• Connect an FM antenna or split-flex dipole to the FM Coax
  connector, if necessary using the adaptor provided.

In the UK use a female Belling-Lee (VCR) connector.

Although the FM tuner is very sensitive, the FM antenna is
supplied for basic installation only, and for best performance and
lowest noise use a high-quality antenna placed as high as possible
and oriented towards the transmitter.

Note: For all outdoor antennae we strongly recommend you use a
qualified installer who will comply with local safety regulations.

• Connect an AM antenna to the AM connector by pressing
  the tabs and inserting a bare wire into each hole. The ground
  connection (black on the supplied AM antenna) should be
  connected to the socket marked GND.

The product is supplied with an indoor loop antenna. This is
directional, and for best results you will need to orient it, and this
may be station dependent.

• Place the antenna as far away from other electrical equipment
  and as high as possible.

For best AM results use an external AM antenna.

Note: For AM you must fit a good ground as well as an antenna.

The tuner can be used with most proprietary indoor AM, FM, or
combi (AM/FM) antennae. It is possible in some cases to use a
trigger output from the product to power such devices. For more
details, look at the Library/Applications sections of the Meridian
web site at www.meridian-audio.com/lib-apps.htm.

Configuring the control unit or receiver

This chapter explains how to configure the control unit or receiver using the Configuration Wizard.

Alternatively, for complete control over all aspects of the product's configuration you can set up the unit from a computer using the Meridian Configuration Program. For full information refer to the *Meridian Configuration Program Guide* available separately.

Configuration Wizard

The **Configuration Wizard** leads you through the correct sequence to configure your control unit or receiver. Alternatively, you can skip between the configuration stages, which allow you to reset the configuration, or configure the sources or other settings of the control unit or receiver.

To run the Configuration Wizard
• If necessary press **On/Off** to put the control unit or receiver into standby.

• Press **More**.

If the product is locked the display shows:

```
Version                 Unlock
```

• Press **Unlock** to unlock it, then press **More**.

The displays then shows:

```
Version      Wizard       Lock
```

• Press **Wizard**.

Follow the sequence of configuration stages described in the following pages, pressing **Next** to proceed after completing each stage.

To go back to an earlier configuration option
• Press **Back**.

To return to the title screen for each stage
• Press **Home**.

To exit from the Configuration menus
• Press **On/Off**.

Stage 1: Resetting the product

The control unit or receiver provides several alternative standard settings, called Types, which configure all aspects of the product into the most commonly needed configurations.

Choosing one of the Types overrides any other configuration you may have performed, and so can be used to reset the configuration of the unit.

To reset the configuration
• Press **Wizard**.

The display shows the title screen for stage 1:

```
Press More for Help
1: Reset settings
Back      Next      Skip
```

• Press **Next** to proceed or **Skip** to go stage 2.

If you pressed **Next** the display shows:

```
Reset all settings?
      Back  Yes
```

• Press **Yes** to proceed or **Back** to exit.

The display shows the current Type:

```
Main System
              Type 1
      Back  Next    ▼    ▲
```

• Press ▲ or ▼ to step through the available Types.

A description of each type is shown on the top line of the display. As you select each Type the control unit or receiver is reset to that Type.

When you have selected the Type you want:

Either:
• Press **Next** to proceed to configuring sources, as described in the next section.

Or:
• Press **On/Off** to return to standby.

Types

The following table lists the available types:

Type	Description
Type 1	Main system.
Type 2	Second zone system.

Stage 2: Configuring sources

The control unit or receiver provides up to 12 sources corresponding to the 12 source keys on the MSR+:

CD, RADIO, DVD, AUX, DISC, TAPE, TV, CABLE, SAT, VCR1, VCR2, GAME.

For each source the **Configure sources** stage allows you to configure:

• Whether it is in use.
• The label used for it on the front-panel display, of up to five characters.
• The audio input it selects.
• The TRIGGER output level it selects.
• The Comms type and address, to identify other Meridian equipment.

The procedure for doing this is as follows.

To configure a source
Either:
• Press **Next** after resetting the product; see page 18.

Or:
• Press **Wizard**; see page 17.
• Press **Skip** to skip past the **Reset settings** menu.

The display shows the title screen for stage 2:

```
Press More for Help
2: Configure sources
Back       Next        Skip
```

• Press **Next** to proceed or **Skip** to go to stage 3.

The display shows the first source and the first configuration option for that source: whether it is in use:

```
                  This source is:
Radio            in use
Source Back  Next    ▼    ▲
```

• Press **Next** or **Back** to step between options.

A description of each option is shown on the top line of the display, and its current value is shown to the right of the source name.

When changing the source name, **Next** and **Back** step between character positions.

The options are summarised in the table on the next page.

To change an option
• Press ▲ or ▼ to step through the alternative values for the option.

To move to the next source
• Press **Source**.

When you have finished configuring sources:

Either:

• Press **Next** on the last option of the last source (Game) to
  proceed to configuring settings, as described in the next section.

Or:

• Press **On/Off** to return to standby.

Source options

The following table summarises the source options:

Option	Values	Description
in use	in use, not in use	Whether the source is enabled.
Audio Input	A1-A7, Tuner (not G02), Last Valid*	The audio input used for the source.
Source Name		Any name of up to five characters.
Trigger	Low, High	Trigger output for the source.
Comms Type	CD 1C, Tuner 2C, DVD 3C, 4C-8C, No Comms NC	The type of Meridian product that the source is.
Comms Address	1A-8A	Allows you to individually control up to eight identical sources.

*A1-A7 correspond to the seven analogue inputs. Tuner corresponds to the internal tuner. Last Valid means that selecting the source will
not switch the input, but leave it set to the last valid input choice.

Stage 3: Configuring other settings

The final stage allows you to configure other aspects of the product's operation.

To configure other settings

Either:

• Press **Next** after configuring the sources; see page 19.

Or:

• Press **Wizard**; see page 17.

• Press **Skip** to skip past the **Reset settings** and **Configure sources** stages.

The display shows the title screen for stage 3:

```
Press More for Help
3: Other settings
Back       Next       Skip
```

• Press **Next** to proceed.

The first setting is displayed:

```
                 Tuner region:
                       Europe
        Back  Next    ▼     ▲
```

A description of each setting is shown on the top line of the display, and its current value is shown to the right of the display.

The settings are summarised in the table on the next page.

To change a setting

• Press ▲ or ▼ to step through the alternative values for the setting.

When you have finished configuring the settings:

• Press **Next** to complete the Wizard.

The display shows:

```
Press More for Help
Wizard Complete
Back       Exit       Restart
```

Either:

• Press **Exit** to return to standby.

Or:

• Press **Restart** to return to stage 1; see page 18.

Other settings

The following table summarises the product settings:

Option	Values	Description
Tuner region (not G02)	Europe, USA	Band selection (MW/LW or AM), tuning steps, and FM deemphasis standard. For all countries except the USA use the Europe setting.
IR Controller?	Auto, Controller, Not Controller	Whether the product is the infra-red controller for the system.
Main System Address	1-8	Advanced setting.
Copy System Address	1-8	Advanced setting.
Product Address	1-8	Advanced setting.

Configuring the sensitivity of each source

You can adjust the sensitivity of each source to accommodate
differences in their levels.

To adjust the sensitivity of the current source

• Unlock the product; see *Configuration Wizard,* page 17.

• Select the analogue source you want to adjust.

• Press **More** until the **Gain** command is displayed.

• Press **Gain**.

The display shows the available sensitivities:

```
        CD      65
0.5V    1V    1.4V    2V    2.8V
```

• Choose the sensitivity for the source.

• Press **Home** to exit.

Troubleshooting

We expect you to achieve superb results with the control unit or receiver. If, however, you encounter any problems, either when installing and configuring it, or during operation, please check the following pages for suggested solutions.
If these suggestions fail to cure the problem, please contact your Meridian dealer for further assistance.

General operating problems

No blue light is displayed when switching on

• Check that the AC power supply is connected correctly.

• Check that the **ON OFF** switch on the back panel is in the **ON** position.

• Check that the fuse on the product's back panel and the fuse in the unit's power plug have not blown; see *To change the mains fuse*, page 27.

There is no sound (G51)

• Check the jumpers are fitted between the preamplifier outputs and power amplifier inputs.

The sound has cut out and there is no display (G51)

The G51 Receiver includes electronic protection, which will protect the output if the connections are accidentally shorted.

The amplifier may have tripped the mains due to a source with an excessive DC level.

• Unplug the source.

• Turn off the power, and then turn it on again.

If this restores normal operation check the source. Otherwise there may be a fault with the receiver, and you should consult your dealer.

The sound has cut out and the display shows Hot (G51 only)
This indicates that the power amplifier stage of the receiver has turned off due to overheating.

• Allow the receiver to cool down.

If the problem continues to occur there may be a fault with the receiver, and you should consult your dealer.

Communication is not working between the G01/G02/G51 and other Meridian products
• Check that all products are interconnected using the correct Comms leads.

• Ensure that one of the products is the controller; see *To connect to other Meridian G Series, 500 Series, or 800 Series equipment,* see page 14.

• If the problem continues, reset the product; see *Stage 1: Resetting the product*, page 18. **Warning:** All settings will be lost.

There is hum on an input
• Check your other equipment.

• For turntables, check the TECHNICAL GROUND connection.

• If you are unable to cure the problem consult your dealer.

Radio tuner problems

FM tuner reception is poor
To obtain high-quality stereo reception on FM a good aerial is essential. Try positioning the antenna at different points in a room; generally performance is best high up and near a window.

In some areas a fixed antenna installation will be necessary. This can be placed in a loft or mounted externally.

Note: For all outdoor antennae we strongly recommend you use a qualified installer who will comply with local safety regulations.

AM tuner reception is poor
Position the antenna to maximise the strength of the station you want to receive and to reduce interference from other stations on nearby frequencies.

Position the antenna away from items that generate electrical interference, such as fluorescent tubes and televisions.

RDS station names are not being received
Not all stations transmit the station name in all areas.

If the station name is not available you can define a preset station with a name; see the *G Series System Guide*.

Maintenance

Cleaning

To clean the case, display panel, and keypad

• Disconnect the power cord before cleaning the unit.

The exterior surfaces of Meridian G Series products are made from solid anodised aluminium, powder coated steel, thermoplastic rubber, and glass.

They are designed to be easily wiped clean with a dry, lint free cloth. Greasy marks should be removed by light rubbing with a slightly damp cloth and a trace of proprietary glass cleaner. Do not use any other solvent or abrasive based cleaners. Dust can be removed from the disc drive tray with a small dry brush when the drawer is open.

Ensure that no liquid enters the casework and that the product is completely dry before re-connection.

To clean the audio connections

The audio sockets on the back of the product are gold plated and do not need to be cleaned if gold-plated plugs are used. Otherwise, it is recommended that you unplug and reconnect the plugs at least once a year. A proprietary contact cleaner can be used to some advantage.

To change the mains fuse

• Remove the mains connector, and pull out the drawer above the power input to access the fuse.

Before replacing a blown fuse, it is best to ascertain the cause of the failure.

The fuse drawer includes a spare fuse. This should be replaced by a fuse of the same rating.

Service and guarantee

Service

The Meridian G Series of hi-fi components has been carefully designed to give years of untroubled service. There are no user-serviceable parts inside the case, nor do the units require any form of maintenance.

In the unlikely event that your product fails to function correctly, it should be returned, in its original packaging, to your Meridian dealer.

In case of difficulty within the UK or USA please contact the appropriate sales and service address shown on page iv.

In case of difficulty outside the UK or USA, contact the importing agent for the territory. A list of Meridian agents outside the UK is available from Meridian Audio.

No responsibility can be accepted for the product whilst in transit to the factory or an agent, and customers are therefore advised to insure the unit. When seeking service under guarantee, proof of the date of purchase will be required.

Guarantee

The product is guaranteed against defects in material and workmanship for two years from the date of purchase.

The guarantee is void if the product has been subject to misuse, accident, or negligence, or has been tampered with or modified in any way without the written authorisation of Meridian Audio Limited. **Note:** Connecting anything other than the correct network lead to the Comms sockets may cause damage to the product which will not be covered by this guarantee. Attempted servicing by unauthorised people may also invalidate this guarantee. Labour and carriage charges are not covered unless by local agreement.

Outside the UK, local warranty liability is restricted to equipment purchased within the territory. Our agents outside the UK are only under contractual obligation to service under-guarantee equipment sold through them. They are entitled to make a non-refundable charge for any service carried out on other equipment.

This guarantee does not limit your statutory rights within the country of purchase.

T