A large, stylized letter 'M' in a light gray color, centered on a black background. The 'M' is composed of thick, solid lines. The text 'user guide' is written in a white, lowercase, sans-serif font, following the diagonal slope of the right-hand side of the 'M'.

user guide

Meridian 502 **Analogue Controller**

Sales and service in the UK

Meridian Audio Ltd
Stonehill
Stukeley Meadows
Cambs
PE18 6ED
England

Tel (01480) 52144
Fax (01480) 459934

World Wide Web
<http://www.meridian.co.uk>

Sales and service in the USA

Meridian America Inc
3800 Camp Creek Parkway
Building 2400
Suite 112
Atlanta
GA 30331

Tel (404) 344 7111
Fax (404) 346 7111

Designed and manufactured in the UK by

Digital Gramophone and Wireless Ltd
Stonehill
Stukeley Meadows
Cambs
PE18 6ED
England

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Digital Gramophone and Wireless Ltd

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Introduction

In choosing the 502 Analogue Controller you have acquired a component that combines major advances in audio and engineering design. The 502 Analogue Controller is a dual mono preamplifier with a fully balanced signal path and an extremely high-quality power supply for ultra low distortion and noise. It provides seven audio inputs; four for sources with unbalanced outputs, and three for balanced sources. Each source can be individually adjusted for sensitivity, and identified on the eight-character alphanumeric display with a name of your choice. A very high quality MC or MM phono stage is available as an option for the dedicated LP input.

This guide is designed to enable you to obtain the best possible results from the unit, and it includes information about customising the unit to your own requirements.

If you have just purchased the 502 Analogue Controller you should first turn to the chapter *Setting up the analogue controller*, page 23, which explains how to unpack and install the analogue controller correctly.

The Meridian 500 Series

The Meridian 500 Series is a unique system of digital, analogue, and video components designed to meet the demand for absolute quality, ease of use, and lasting value.

The flexibility of the Meridian 500 Series is such that you can assemble a system as simple or as complex as you need, perfectly suited to your musical and environmental requirements, and with the ability to add to it or change it at a later date should your requirements change. The 500 Series is also compatible with the existing Meridian 200 Series and 600 Series components.

Each Meridian 500 Series component is housed in a matching slim line case. Front panel controls provide access to the most important functions, and the full range of functions is available from the Meridian System Remote using a simple and intuitive control interface.

500 Series communications

The Meridian 500 Series includes a sophisticated communications link, to ensure that any configuration of units will work together as a fully integrated system.

The 500 Series communications system allows you to control any combination of units using a single remote, and ensures that your commands from the remote are interpreted unambiguously. The communications system also allows you to extend your hi-fi system into two or three rooms, with the ability to control the sources in one room from the controller in another room.

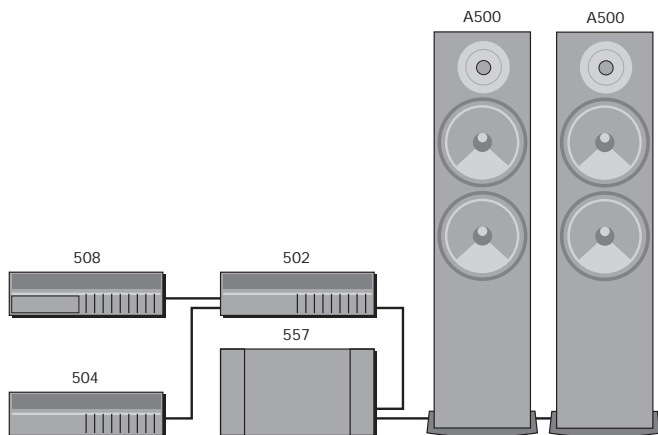
Professional features

The 500 Series also includes features for professional users, including RS232 computer control and balanced connections.

The following pages give examples of four suggested configurations to illustrate the flexibility of the Meridian 500 Series.

Sample configurations

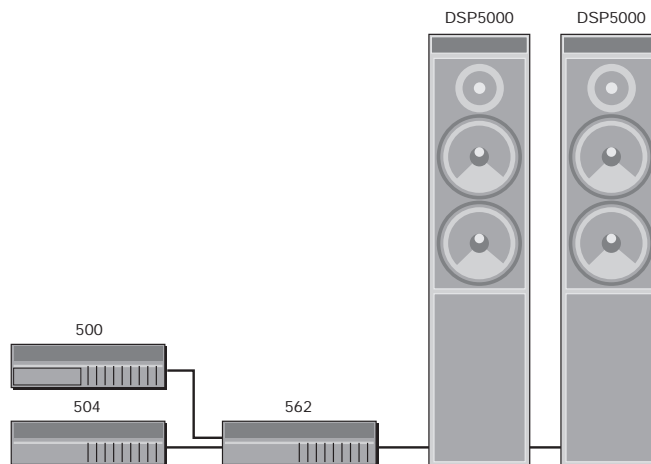
508 20-Bit CD Player



The 508 20-Bit CD Player is an integrated CD transport and converter, providing both digital and analogue outputs.

The 508 20-Bit CD Player is ideally suited for use with the Meridian 557 Stereo Power Amplifier and A500 Loudspeakers, with control over the volume and source selection provided by the 502 Analogue Controller. These units provide balanced inputs and outputs, allowing a completely balanced system to be created.

500 Compact Disc Transport



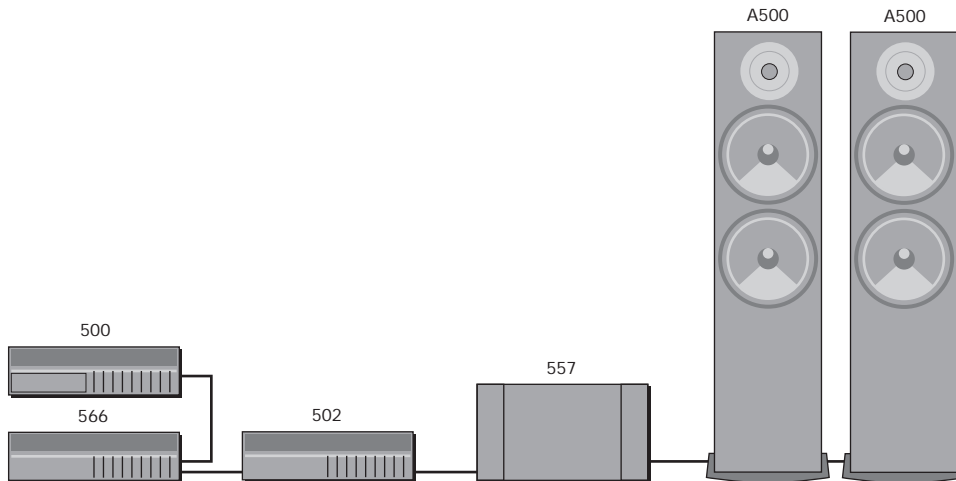
The 500 Compact Disc Transport provides a precision digital output, and can drive DSP5000 Digital Loudspeakers directly.

A 562 Digital Control Unit can be added to cater for conventional analogue sources, and provide source selection between up to 12 different analogue or digital sources.

The 504 Stereo FM Tuner is an ideal addition to the system if radio reception is required.

566 20-Bit Digital to Analogue Converter

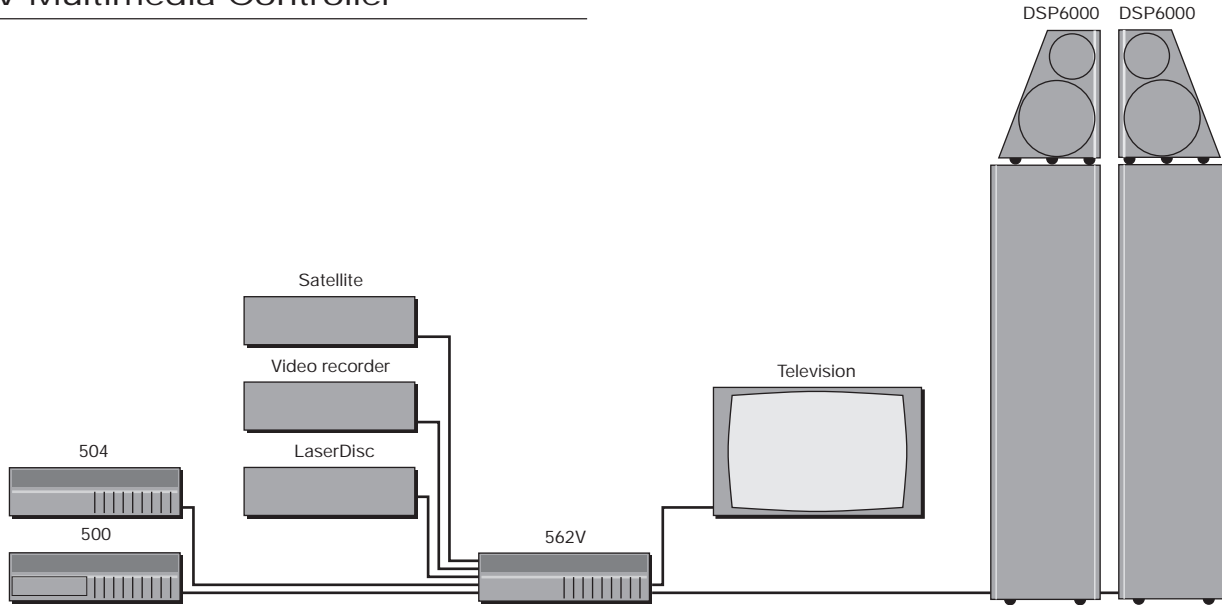
502 Analogue Controller



The digital output provided by the 500 Compact Disc Transport can be decoded by the 566 20-Bit Digital to Analogue Converter to provide a high-quality audio output for use with a conventional audio preamplifier. The 566 20-Bit Digital to Analogue Converter can also decode digital signals from other sources, including LaserDisc players and Digital Audio Tape.

The 502 Analogue Controller is a full function preamplifier for use with any analogue source, and includes balanced inputs to allow you to take advantage of balanced sources, including the 566 20-Bit Digital to Analogue Converter. It provides balanced outputs which are ideal for use with the 557 Stereo Power Amplifier.

562V Multimedia Controller



The 562V Multimedia Controller is the ideal control unit for use with the Meridian DSP6000 Digital Loudspeakers.

It provides direct digital inputs for digital sources, such as the 500 Compact Disc Transport and LaserDisc sound, together with precision Delta Sigma Analogue to Digital Conversion, for

conventional analogue sources such as the 504 Stereo FM Tuner and video sound.

It also includes video switching for CVBS and S-VHS signals, such as from a satellite receiver, LaserDisc player, or video recorder.

Specification and accessories

Specification

MM input option	Sensitivity adjustable 0.5 – 17mV for 5cm/s @ 1kHz. Overload point 47mV @ 1kHz. Cartridge load 47k Ω 100pF.
MC input option	Sensitivity adjustable 38 – 1200 μ V for 5cm/s @ 1kHz. Cartridge load 220 Ω 10nF.
A2 – A7 inputs	Sensitivity adjustable 27 – 840mV. Input impedance 20k Ω .
Tape output	Output 1.5V rms.
Main outputs	Output 1.4V rms, 3V rms maximum.
Communications	Two 5 pin 240° DIN sockets, RS232 interface.
Noise and hum	Less than -96dB for high-level analogue inputs. Less than -70dB for MM input. Less than -60dB for MC input.
Distortion	Less than 0.01% input to output.

Display

Eight character display for current source, volume, mute, and copy source.

Finish

Black textured enamel and glass.

Dimensions

88mm x 321mm x 332mm
(3.46" x 12.64" x 13.07").

Weight

5kg (10lbs).

Consumption

20VA.

Available accessories

The following accessories are available from your dealer:

- MM mono phono modules.
- MC mono phono modules.
- Meridian System Remote.
- Power cord Europe.
- Power cord Canada and USA.

The MM and MC phono modules convert the LP audio input (A1) for use with a moving magnet or moving coil pickup, respectively.

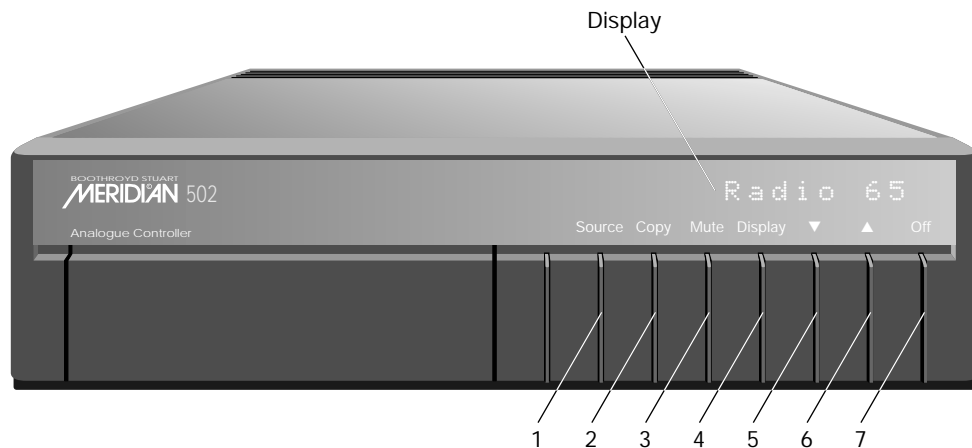
Using the analogue controller

This chapter provides a summary of the functions of the analogue controller in order to identify the controls which you will use to operate the unit.

It also describes all aspects of using the analogue controller, from switching on and selecting a source, to recording a source.

Unless otherwise specified, each function is available from the front panel or the remote.

Front panel



- 1 Source**
Selects the source.
- 2 Copy**
Copies a selected source to the tape output.
- 3 Mute**
Mutes the sound.
- 4 Display**
Blanks the display.
- 5 ▼ (Decrease)**
Decreases the volume.
- 6 ▲ (Increase)**
Increases the volume.
- 7 Off**
Switches to standby.

Selecting a source

During normal use the analogue controller should be left in the standby state. This uses a negligible amount of electricity, but ensures that the components of the analogue controller operate at maximum efficiency from the moment you start.

If you are not going to use the analogue controller for a period of several days you should switch the unit completely off, at the back panel, and disconnect it from the AC power supply.

To switch on from standby

- Press **Source** (front panel), or select a source by pressing the appropriate source key on the remote.

If the 502 Analogue Controller is part of a Meridian system, it will automatically switch on any other unit in the system.

To select a source

- Press **Source** (front panel) until the display shows the source you require, or press the appropriate source key on the remote.

The display shows the source, and volume setting; for example:



By default, the following seven sources are available:

<i>Source</i>	<i>Input</i>
CD	A5 (balanced)
Radio	A3
LP	A1
TV	A4
Tape1	A2
Tape2	A7 (balanced)
CDR	A6 (balanced)

To switch to standby

- Press **Off** on the front panel or the remote.

The display will show:



If you have other Meridian 500 Series equipment connected to the analogue controller, these units will also switch to standby.

Adjusting the volume

The 502 Analogue Controller allows you to adjust the volume in precise steps of 1dB, where 9dB is equivalent to doubling the loudness.

The current volume setting is displayed in dB on the front panel display, and can be varied in the range 1 – 99dB. When you first switch on the analogue controller the volume is set to 65, which is similar to the midway position of the rotary volume control on a conventional preamplifier.

To increase the volume

- Press ▲.

For example, the display will show:



To decrease the volume

- Press ▼.

For example, the display will show:



To mute the sound

- Press **Mute**.

The display will show:



To restore the sound

- Press **Mute** again.

Alternatively the sound will be restored if you adjust the volume.

Changing the display and balance

To change the display

- Press **Display**.

Each time you press **Display** the display will step between the following options:

Display option

Example

Source and volume.
This is the usual display.

A rectangular display area showing the text "Radio 65" in a monospaced font.

Blank.



Remote source display
(two-room only).

A rectangular display area showing the text "1 97.9" in a monospaced font.

To change the balance

You can adjust the sound balance on the 502 Analogue Controller using the following procedure.

Note: The balance can only be adjusted with the remote.

- Press ◀ (remote) to move the sound to the left.

The display will show the number of dBs added to the left channel:

A rectangular display area showing the text "Bal. <1" in a monospaced font.

- Press ▶ (remote) to move the sound to the right.

The display will show the number of dBs added to the right channel:

A rectangular display area showing the text "Bal. 9>" in a monospaced font.

- Press ▼ (remote) to centre the balance.

The display will show:

A rectangular display area showing the text "Bal. <0>" in a monospaced font.





Recording a source

The 502 Analogue Controller allows you to copy any one of the standard sources to the tape outputs, independently of the source you are listening to.

To copy a source to the tape output

- Press **Copy**.

Each time you press **Copy** the analogue controller will step between the following options:

<i>Display</i>	<i>Option</i>
	Copy Source. The current source is fed to the tape output.
	Copy Mute. The tape output is muted.
	Copies the first source to the tape output.
	Steps through each source in turn, etc.

When **Copy** is set to anything other than Copy Source the **Copy** indicator is illuminated on the front panel.

For example, to record from the radio press **Copy** until the display shows:



You can now listen to a CD, by selecting the CD source, without affecting the recording.

Customising the analogue controller

This chapter explains how to customise the 502 Analogue Controller to your preferred configuration.

The simplest way of configuring the analogue controller is to choose one of the standard settings, which are designed to cater for the three most common configurations of sources and inputs.

Alternatively, you can configure each source individually to suit the other equipment in your system. You can choose the label used for each source, and balance the input sensitivities so that the sound level remains the same when you switch between sources.

Finally, the 502 Analogue Controller provides several settings that you can alter to optimise the way in which it works with the other equipment in your system.

Choosing standard settings

The 502 Analogue Controller provides three alternative standard settings, called Types, which configure all aspects of the analogue controller into the three most commonly needed configurations.

Choosing one of the six standard settings overrides any other configuration you may have performed, and so can be used to reset the configuration of the analogue controller.

By default, the analogue controller is supplied set to Type 1.

If you have a system containing only Meridian 500 Series units then you should choose Type 1 or 3. Choose Type 3 if you are using the analogue controller in the second room of a two-room system.

If your system includes any Meridian 600 or 200 Series units you should choose Type 2. For more information see *To connect to Meridian 600 or 200 Series equipment*, page 28.

To select a standard setting

- Switch off any power amplifiers that are connected to the analogue controller.
- Switch off the analogue controller, using the power switch on the back panel.
- Switch on the power again while holding down the **Off** key on the front panel.

The display will show:



It will then show:



- Press ▼ or ▲ to change the type number.

For example, to select Type 3 the display shows:



- Switch off the analogue controller, using the power switch on the back panel.
- Switch on again to use the standard settings you have selected.

502 standard settings

The following table shows the options configured by the three standard Type settings on the 502 Analogue Controller:

<i>Source</i>	<i>Label</i>	<i>Input</i>	<i>Gain</i>	<i>Comms</i>	<i>Type</i>		
					<i>1</i>	<i>2</i>	<i>3</i>
CD	CD	A5	0dB	1	●	●	●
Radio	RD	A3	+2dB	2	●	●	●
LP	LP	A1	+2dB	-	●	●	●
TV	TV	A4	+8dB	-	●	●	●
Tape1	T1	A2	+2dB	-	●	●	●
Tape2	T2	A7	+2dB	-	●	●	●
CDR	CR	A6	0dB	1	●		●
Cable	Cb	A4	+8dB	-			●
Text	TX	A4	+8dB	-			●
VCR1	V1	A2	+8dB	-			●
VCR2	V2	A7	+8dB	-			●
LD	LD	A1	+0dB	-			●

Configuring the sources

When the analogue controller is set to one of the standard settings the twelve source selection keys on the remote select the standard labels and inputs, as shown in the table on page 15.

If the configuration you want is not catered for by one of the standard settings, you can configure each source individually.

The 502 Analogue Controller provides 12 sources corresponding to the 12 source selection keys on the remote:

CD, Radio, LP, TV, Tape1, Tape2, CDR, Cable, Text, VCR1, VCR2, and LD.

For each source you can configure:

- The label used for it on the front panel display, from the alternative labels.
- The audio input it selects.
- Its sensitivity.
- Whether or not it is a Tape source.
- The comms type and address, to identify other Meridian 500 Series equipment.

The procedure for doing this is as follows.

To configure a source

- Switch off the analogue controller, using the power switch on the back panel.
- Switch on the power again while holding down the **Display** key on the front panel.

The display will show:



- Press **Source** until the left-hand pair of characters identifies the source you want to configure.

For example, to configure the CD source the display initially shows:



- Press **Copy** (front panel), or **▶** and **◀** (remote), to step between options.

The right-hand pair of characters shows the current value of the option.

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

To change an option

- Press **▲** or **▼** to step between the alternative values for the option.

When you have finished programming sources:

- Switch off the analogue controller, using the power switch on the back panel.
- Switch on again to restore normal operation.

<i>Option</i>	<i>Initial value</i>	<i>Alternative values</i>	<i>Explanation</i>
Label	CD CD	CD, RD, LP, etc.	See <i>To change a source label</i> , opposite.
Audio input	CD A5	A1 to A7, or LV.	Choose A1 to A6 to specify the input, or LV to use the last valid input.
Sensitivity	CD -6dB	-15 to +15dB.	Input gain offset. It can also be set with Gain Set; see <i>Programming levels</i> , page 20.
Tape	CD TP? N	Y or N.	Defines the source as a tape input, so that it cannot be copied to the tape output. This prevents feedback.
Comms type	CD 1C	1C to 8C, or NC.	Choose 1C for a Meridian CD player, 2C for a Meridian FM Tuner, or NC otherwise.
Address	CD 1A	1A to 8A.	Allows you to have up to eight of each source type.

Examples of configuring the sources

The following examples illustrate how you can configure the source options to your own requirements.

To change a source label

- Display the source you want to configure, together with its current label, as described in the previous sections.

For example, to configure the Radio source label choose:

A screenshot of a digital display showing the text "RD Radio" in a white, monospaced font on a dark grey background.

- Press ▲ or ▼ to step between the alternative labels.

For example, to use the label cable for the Radio source set it to:

A screenshot of a digital display showing the text "RD Cable" in a white, monospaced font on a dark grey background.

Over 50 alternative labels are provided to allow you to choose the most appropriate ones for your sources.

To change the input for a source

- Display the source you want to configure, together with the current input, as described in the previous sections.

For example, to configure the CD input choose:

A screenshot of a digital display showing the text "CD A5" in a white, monospaced font on a dark grey background.

- Press ▼ or ▲ to choose the input.

For example, to use the unbalanced input A4 for the CD player:

A screenshot of a digital display showing the text "CD A4" in a white, monospaced font on a dark grey background.

Programming levels

The 502 Analogue Controller allows you to program the level of each source independently, to suit your other equipment, so that when you switch between sources the volume stays the same.

When you are programming levels the analogue controller operates as a preamplifier with a fixed volume setting equivalent to 65. This level is chosen to be comfortably loud on average sources. You can switch between sources and adjust the relevant input levels to achieve the setting you want.

You can increase the sensitivity of any source by up to 30 steps of 1dB. The loudest source, usually CD, should therefore be chosen as the reference.

To balance input levels

- Switch off any power amplifiers that are connected to the analogue controller.
- Switch off the analogue controller, using the power switch on the back panel.
- Switch on the power again while holding down the **Mute** key on the front panel.

The display will show:



- Release the **Mute** key.

The display will show the normal standby condition:



- Select the source that sounds loudest and make it your reference.
- Switch to another source in the usual way.

- Use the ▲ and ▼ keys to change the sensitivity.

For example, the display will show:



- Switch between the source you are changing and the reference source until they sound equally loud.
- Repeat the procedure for your other sources.
- When you have finished programming levels, switch the power off and on again to restore the analogue controller to normal operation.

If you know the output level of your sources you can probably set the gains by calculation. The following table shows the correspondence between the gain and sensitivity on the standard audio inputs and on the LP inputs:

<i>Gain</i>	<i>A2-A7</i>	<i>LP MM</i>	<i>LP MC</i>
-15dB	840mV	17mV	1.2mV
-10dB	470mV	9.5mV	660μV
-5dB	270mV	5.3mV	380μV
0dB	150mV	3mV	210μV
5dB	84mV	1.7mV	120μV
10dB	47mV	950μV	66μV
15dB	27mV	530μV	38μV

Specifying information about your system

In addition to configuring the sources, and programming their levels, you can configure many other aspects of the operation of the 502 Analogue Controller to suit the way your system is set up, and the way in which you want to use it.

Note that any settings that you configure are reset to standard values when you choose one of the standard settings: see *Choosing standard settings*, page 14.

To configure the analogue controller

- Switch off the analogue controller, using the power switch on the back panel.
- Switch on the power again while holding down the **Display** key on the front panel.

The display will show:



It will then show the first configuration option:



- Press **Display** to move between the options.
- Press **▲** or **▼** to change the value of the current option.

The table below shows the options you can configure.

<i>Option</i>	<i>Initial Value</i>
Communications mode (500 or 200)	500
Controller mode (Auto, Con., or N.Con.)	Auto
System address (1–8)	S.A. 1
Product address (1–8)	P.A. 1
Volume mode (M, S, or N)	Vol. M
Copy address (2-room) (1 to 8)	C.A. 2
Source info display (2-room) (Y or N)	Dis. N

These settings are configured automatically to appropriate values when you choose one of the standard Type settings, and you should not normally need to alter them; see *Choosing standard settings*, page 14.

Setting up the analogue controller

This chapter explains how to install the 502 Analogue Controller. It describes what you should find when you unpack the analogue controller, how you should connect it to your other audio equipment, and the siting constraints.

Before you begin installation, you should ensure that your analogue controller is the correct voltage for your local AC supply. If it is not, do not try to install the analogue controller, and contact your dealer.

You should not make any connections to the analogue controller or to any other component in your system whilst the AC power supply is connected and switched on.

Unpacking

The 502 Analogue Controller comes in a box containing the following components:

- 502 Analogue Controller.
- 1 power cord.
- 1 500 Series communications lead.
- This manual.

You are advised to retain the packing in case you need to transport the unit.

To position the analogue controller

Do not place the analogue controller:

- In direct sunlight.
- Near heat sources, eg a radiator.
- On top of a power amplifier, as the heat generated may damage the analogue controller.

However, it can be stacked on a 508 20-Bit CD Player and 504 Stereo FM Tuner, if you have these Meridian components in your system.

Radio interference

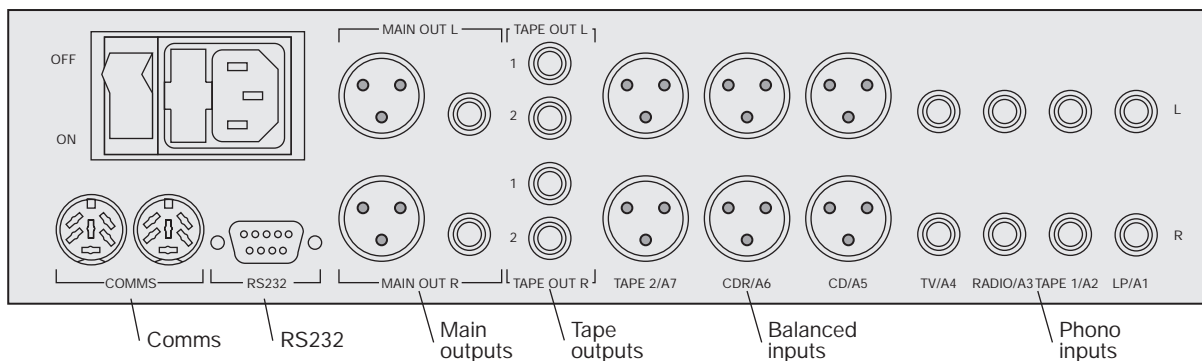
FCC Warning: This equipment generates and can radiate radio frequency energy and if not installed and used correctly in accordance with our instructions may cause interference to radio communications or radio and television reception. It has been type-tested and complies with the limits set out in Subpart 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 to comply with the limits set out in EN55013 and EN55020C.



Connecting the analogue controller

Back panel



Audio connections

The following table gives details of the six audio inputs:

<i>Use this input</i>	<i>To connect to this</i>
A1	A turntable pickup with optional MM/MC module.
A2 to A4	Other unbalanced audio sources.
A5 to A7	Audio sources with balanced (XLR) outputs.

The following table gives details of the audio outputs:

<i>Use this output</i>	<i>To connect to this</i>
MAIN OUT (balanced)	Power amplifier or active loudspeakers with balanced (XLR) inputs.
MAIN OUT (phono)	Power amplifier or active loudspeakers with unbalanced inputs.
TAPE OUT 1	Tape recorder.
TAPE OUT 2	Second tape recorder, VCR, or second room in a two-room system.

The audio inputs should be connected using high-quality screened cable, taking care to connect the left and right channels correctly.

To connect to a tape recorder

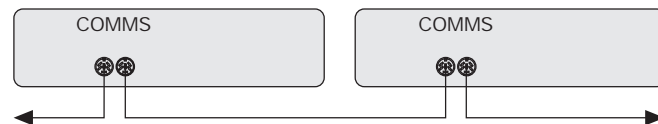
- Connect the analogue output from the tape recorder to the TAPE 1 input on the analogue controller (or another input if you prefer).
- Connect one of the TAPE OUT outputs from the analogue controller to the analogue input on the tape recorder.

Note that the two tape outputs are of opposite phase, allowing them to be used in conjunction as a high quality balanced feed for a tape deck or the second room in a two-room system.

To connect to other Meridian 500 Series equipment

- Connect one of the COMMS sockets on the back panel of the analogue controller to one of the COMMS socket on another 500 Series unit, using the 500 comms lead provided with the other unit.

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



Then configure the units with the following automatic setup procedure:

- Switch all the units to standby.
- Press **Clear** on the remote.

Each unit will display:

Auto

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

Con.

This is the unit that will respond to the remote.

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

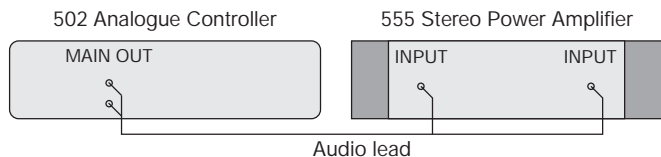
N. Con.

Your system is now set up and ready for use.

- If, for any reason, the automatic setup does not give the configuration you want, restore the default operation by selecting Type 1 as described in *To select a standard setting*, page 14.

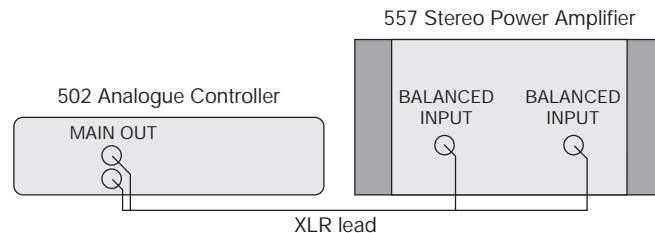
Note: Do not, under any circumstances, connect any equipment other than Meridian 500, 600, or 200 Series to the socket marked COMMS on the back of the analogue controller.

To connect to a 555 Stereo Power Amplifier



- Connect the phono sockets marked MAIN OUT L and R on the back panel of the 502 Analogue Controller to the INPUT sockets on the back panel of the 555 Stereo Power Amplifier.

To connect to a 557 Stereo Power Amplifier



- Connect the balanced sockets marked MAIN OUT on the back panel of the 502 Analogue Controller to the BALANCED INPUT sockets on the back panel of the 557 Stereo Power Amplifier, using an XLR lead.

To connect to Meridian 600 or 200 Series equipment

If your system includes any Meridian 600 or 200 Series units, with 600 COMMS or 200 COMMS sockets, you should set all the 500 Series units to 200 COMMS operation using the following procedure:

- Switch off the analogue controller, using the power switch on the back panel.
- Switch on the power again while holding down the **Off** key on the front panel.

The display will show the current Type setting:



Type 1

- Press ▲ or ▼ on the front panel to change the Type setting to Type 2.

The display will show:



Type 2

- Switch the power off and on again to restore the analogue controller to normal operation.

- To return to 500 COMMS operation repeat the above procedure, and select Type 1 or 3. For more information see *Choosing standard settings*, page 14.

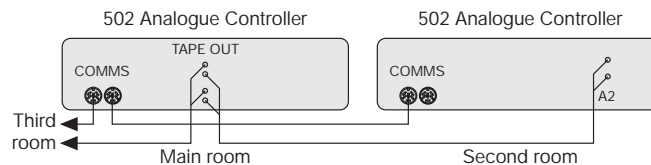
Setting up a two-room system

The design of the Meridian 500 Series incorporates a powerful two-room capability, making it possible to link systems between two or more rooms.

The most usual configuration is to provide all the sources in the main room. The controller in the second room can then select any of the sources in the main room, independently of what the main room is listening to, and control the selected source.

The 502 Analogue Controller is an ideal choice as the controller for a second room, and is easy to set up using the two-room configuration option (Type 3). This makes it select all the sources from the main room, and displays information from the current source (such as track number or radio preset) on the front-panel display.

To set up a two-room system



- Connect the 502 Analogue Controller's A2 inputs to the TAPE OUT 2 sockets of the controller in the main room.

The main room can use a second 502 Analogue Controller, a 501, 562, or 562V Control Unit, a 551 Integrated Amplifier, or a 541 Surround Controller.

- Configure the 502 Analogue Controller in the second room to Type 3; see *Choosing standard settings*, page 14.
- Configure the main room to an appropriate type; eg Type 1.

Troubleshooting

This section describes problems you may encounter when using the analogue controller, and includes suggested solutions.

If these suggestions fail to cure the problem, please contact your Meridian dealer for further assistance.

No lights are displayed when switching on

- Check that your 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 analogue controller back panel and the fuse in the unit's power plug have not blown; see *To change the mains fuse*, page 32.

There is hum on the LP input

The LP input is the most sensitive input on the analogue controller.

- Check that the tone arm is connected to the technical ground of the analogue controller.
- Check that the tone arm is connected to the power ground in the turntable.
- If you are using a magnetic pickup, check that there is not another piece of equipment too near to the turntable or the left-hand side of the analogue controller. If so, re-position the equipment to cure the problem.

There is hum on other inputs

- Check your other equipment.
- Consult your dealer.

There is interference on the radio and/or television when the analogue controller is switched on

Before following the steps below, ensure all units are switched off.

If this equipment does cause or suffer from interference to/from radio or television reception then the following measures should be tried:

- Reorient the receiving aerial (or antenna) or route the antenna cable of the receiver as far as possible from the 502 Analogue Controller and its cabling.
- Ensure that the receiver uses well-screened antenna cable.
- Relocate the receiver with respect to the analogue controller.
- Connect the receiver and this product to different AC outlets.

Communication is not working between the 502 Analogue Controller and other Meridian products

- Check that all products are interconnected using the correct comms leads.
- If the installation includes 200 Series or 600 Series units, check that all 500 Series units are set to 200 mode.

A source cannot be copied to the tape outputs

- Check that you do not have the source set up as a Tape source; see *Configuring the sources*, page 16.

Maintenance

Cleaning

When cleaning the analogue controller bear in mind that the front of the analogue controller is plastic, and the display panel and lid are glass.

Disconnect the power cord before cleaning the unit.

Note: Do not use abrasive cleaners on any part of the analogue controller.

To clean the case, display panel, and keypad

- Use a slightly damp cloth.

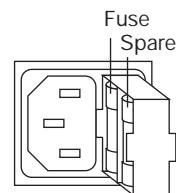
Ensure that no water is allowed to get inside the case, and do not reconnect the power until you are certain that the analogue controller is completely dry.

To clean the audio and video connections

Most of the audio sockets on the back of the analogue controller are gold-plated and need no cleaning if gold-plated phono 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 next to the power input to access the fuses.

Before replacing a blown fuse, if possible ascertain the cause of the failure.

The fuse drawer includes a spare fuse. This should be replaced by one of the same rating. See the plate on the base of the analogue controller for the correct fuse values.

Service and guarantee

Service

The Meridian 500 Series of hi-fi components have 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 analogue controller 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 ii.

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

No responsibility can be accepted for the analogue controller 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 502 Analogue Controller is guaranteed against defects in material and workmanship for two years from the date of purchase.

The guarantee is void if the 502 Analogue Controller 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. 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 abroad 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 United Kingdom.



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