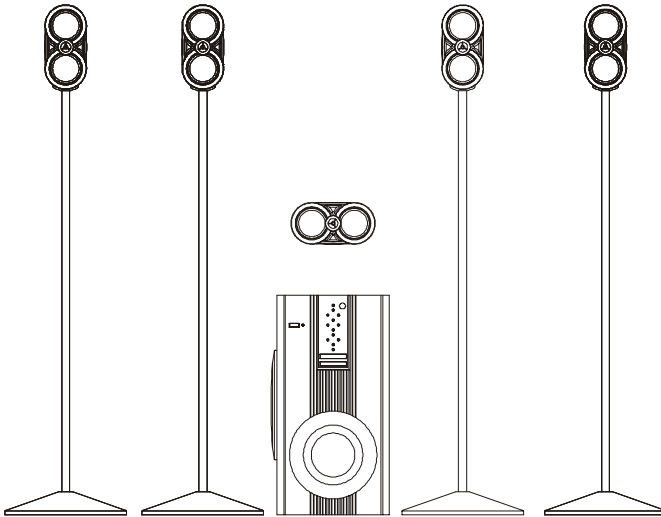


Goodmans

GHC-50 / GHC-51 / GHC51G

5.1 Channel Home Theatre Speaker System with Remote Control.

User guide



Picture shown is GHC50 with 4 x loudspeaker stands and metal bases

Goodmans Product Information Helpline: 02392 391100

1. LOCATION OF CONTROLS AND CONNECTIONS

Refer to Figure 1 (Page 2)

Remote Control

1. Virtual Surround Button
2. Standby/ON Button
3. VOLUME UP (+) Button
4. DVD Input Selector
5. BASS Selector
6. CD Input selector
7. VOLUME DOWN (-) Button
8. FRONT LEFT Adjustment
9. SURROUND LEFT Adjustment
10. SUBWOOFER Adjustment
11. MUTE Button
12. MASTER VOLUME Adjustment
13. AUX Input Selector
14. TREBLE Selector
15. TV Input Selector
16. CENTRE SPEAKER Selector
17. FRONT RIGHT Adjustment
18. SURROUND RIGHT Adjustment

PACKING CONTENTS:

- 1 x Subwoofer
- 5 x Satellite Sepaker
- 5 x Speaker Lead
- 1 x Remote Control
- 2 x AAA Batteries
- 3 x Stereo RCA Connecting Lead
- 1 x Scart to Scart Lead with RCA Audio Breakout
- 4 x Speaker Stands with metal bases*

***Remark:** For GHC51, only

2 x Speaker Stands with metal bases

2 x Rear Speaker Wall Mounts

Rear Panel

19. TV Left Channel Input Socket
20. AUX Left Channel Input Socket
21. AUX Right Channel Input Socket
22. TV Right Channel Input Socket
23. Centre Channel Input Socket
24. Rear Surround Right Channel Input Socket
25. Front Right Channel Input Socket
26. CD Right Channel Input Socket
27. CD Left Channel Input Socket
28. Front Left Channel Input Socket
29. Rear Surround Left Channel Input Socket
30. Powered Subwoofer Channel Input Socket
31. Powered Subwoofer Output Socket (For External Subwoofer only)
32. Rear Surround Left Speaker Output Socket
33. Front Left Speaker Output Socket
34. Front Right Speaker Output Socket
35. Surround Right Speaker Output Socket
36. Centre Speaker Output Socket
37. Mains lead
38. Power ON/OFF button

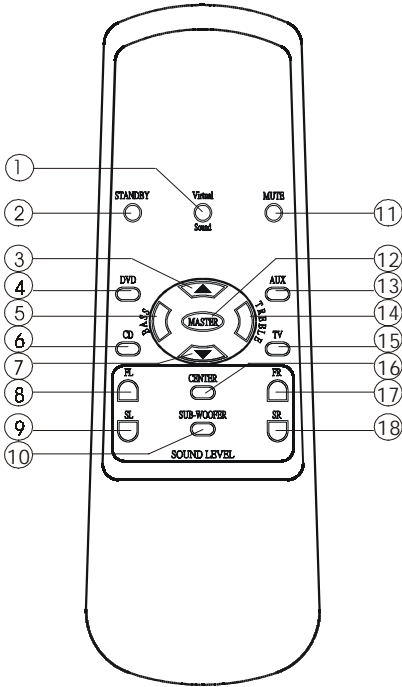
***Remark:** For GHC51G, only

2 x Speaker Stands with glass bases

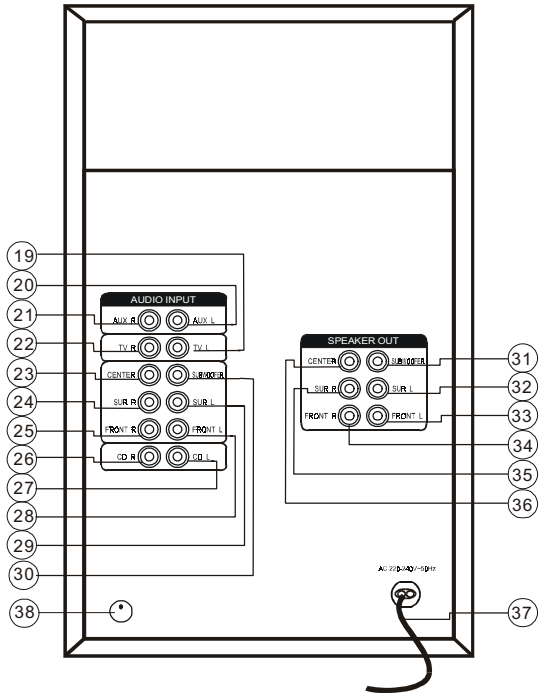
2 x Rear Speaker Wall Mounts

FIGURE 1
Location of controls
and connections

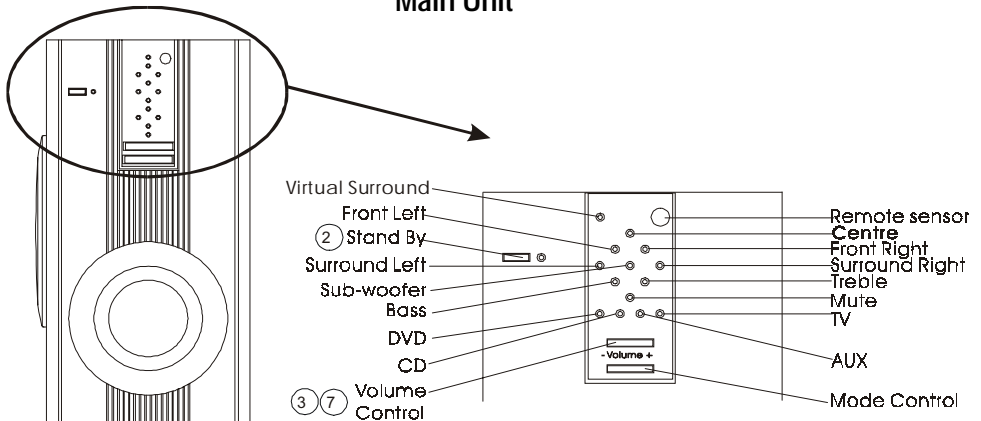
Remote Control



Rear Panel (Refer to Page 1)



Main Unit



2. CONNECTING TO POWER

- n This appliance may be fitted with a non-rewirable plug. If you need to change the fuse in a non-rewirable plug, the fuse cover must be refitted. If the fuse cover is lost or damaged, the plug must not be used until a replacement is obtained (available from the appliance manufacturer). It is important that the colour of the replacement fuse cover matches the colour marking on the base of the plug.
- n If the plug has to be changed because it is not suitable for your socket, or becomes damaged, it should be cut off and an appropriate plug fitted following the wiring instructions. The plug removed must be disposed of safely as insertion into a mains socket is likely to cause an electrical hazard.

For your own safety read the following instructions carefully before attempting to connect this unit to the mains.

You should only plug the appliance into a 230V AC, 50 Hz supply. Connecting it to other power sources may damage the appliance.

The wires in this mains lead are coloured in accordance with the following code:

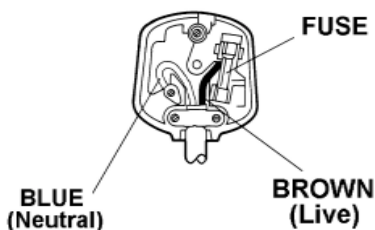
BLUE = NEUTRAL

BROWN = LIVE

IMPORTANT

The colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

- n The blue wire must be connected to the terminal marked with the letter N or coloured black.
- n The brown wire must be connected to the terminal marked with the letter L or coloured red.
- n No connection should be made to the earth terminal.



If a 13 Amp (BS1363) plug is used, a 3 Amp fuse must be fitted, or if any other type of plug is used a 3 Amp fuse must be fitted, either in the plug, adaptor, or on the distribution board.



Caution

To prevent electric shock disconnect from the mains before removing the cover.



This symbol means that this unit is double insulated. An earth connection is not required.

3. SAFETY INSTRUCTIONS

Power source

You should only plug the appliance into a 230V AC, 50Hz supply.

Safety considerations

- n Position the power supply lead and other leads so that they are not likely to be walked on or pinched by things placed on or against them.
- n Do not use the appliance in humid or damp conditions. Do not allow the appliance to get wet, ie. dripping or splashing, as this may be dangerous. Do not place water filled objects, such as vases, on top of the appliance.
- n Make sure that no naked flame sources, such as candles, are placed on top of the appliance.

Cleaning

- n Unplug the appliance before you clean it.
- n Do not use liquid or aerosol cleaners.
- n Clean your appliance with a soft, damp (not wet) cloth.

Ventilation

- n The slots and openings on the appliance are for ventilation. Do not cover or block them as it could lead to overheating.
- n NEVER let children push anything into the holes or slots on the case.

4. PREPARATION FOR USE

CAUTION: Ensure the system is not plugged into an AC mains outlet while connecting the speakers.

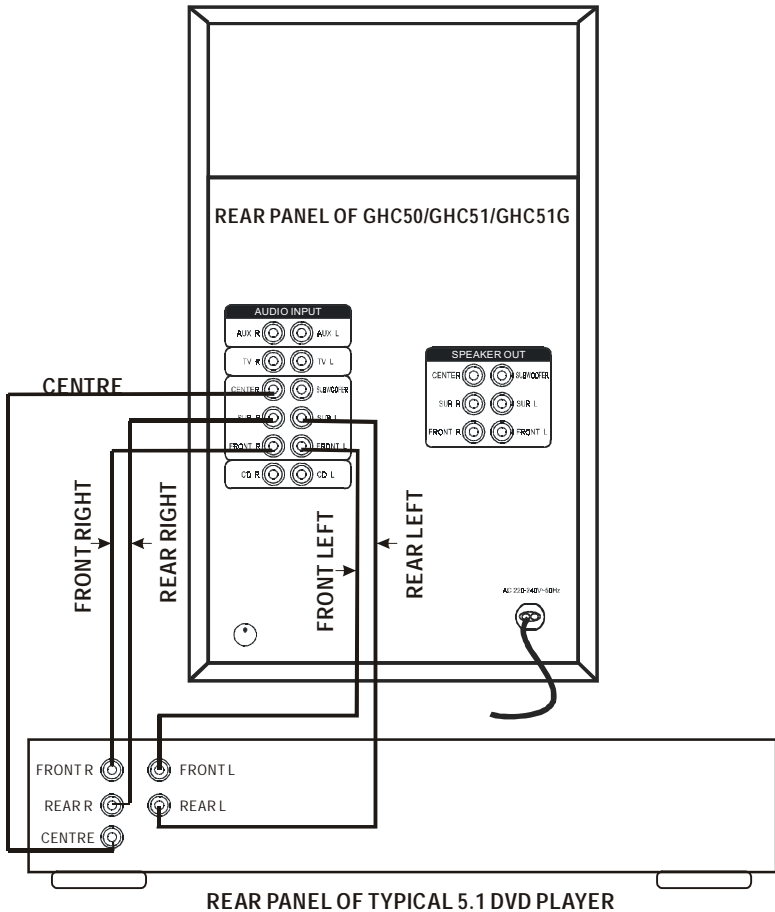
1. Connect the centre speaker to the "CENTRE SPEAKER OUT SOCKET"
2. Connect the front left speaker to the "FRONT L SPEAKER OUT SOCKET"
3. Connect the front right speaker to the "FRONT R SPEAKER OUT SOCKET"
4. Connect the surround (rear) left speaker to the "SURROUND L SPEAKER OUT SOCKET"
5. Connect the surround (rear) right speaker to the "SURROUND R SPEAKER OUT SOCKET"
6. Connect other audio components to the "AUX L INPUT" and "AUX R INPUT", "TV L INPUT" and "TV R INPUT" or "CD L INPUT" and "CD R INPUT" SOCKETS

5. GHC50/GHC51/GHC51G CONNECTING TO A DOLBY 5.1 OR SIMPLE STEREO DVD PLAYER

5 Channel DVD player connections.

- ψ Connect the Front Left and Right terminals of your DVD player to the Front Left and Right terminals of the GHC50 / GHC51 / GHC51G.
- ψ Connect the Rear Left and Right terminals of your DVD player to the Rear Left and Right terminals of the GHC50 / GHC51 / GHC51G.
- ψ Connect the Centre terminals of your DVD player to the Centre terminals of the GHC50 / GHC51 / GHC51G.
- ψ If Subwoofer output is available on your DVD player then connect this to the Subwoofer terminals of the GHC50 / GHC51 / GHC51G.

Note: When using a basic stereo (two connection) DVD player then connect the left and right terminals of the DVD to the Front Left and Front Right terminals on the GHC50 / GHC51.



6. POSITIONING OF SPEAKERS

Once all of your connections have been made, set up the position of your speakers for optimum listening pleasure.

Centre speaker

This should be positioned directly on top of or underneath of your television (preferably underneath then the speaker will not pick up any unwanted vibrations from the television cabinet).

Front speakers

These should be positioned either side of the television so they form the base of an equilateral triangle with you at the apex. Preferably they need to be at the same height as the centre speaker and pointing slightly towards you.

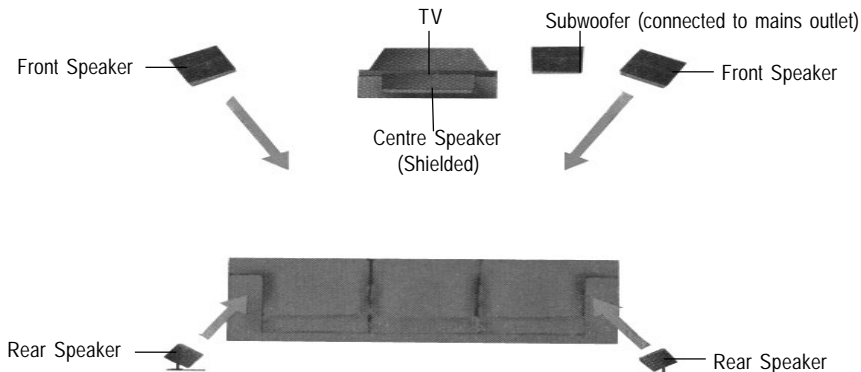
Rear speakers

These should be mounted on a wall or on speaker stands roughly level with your seat, angled towards each other and about a metre above your head.

Subwoofer

This can be positioned anywhere within the room as human ears cannot resolve the direction of low frequency sounds.

NOTE: This is only a guide. Positioning of speakers is about creating a sound you like.



7. OPERATION

Use with 5.1 dolby surround source (DVD)

After connecting the speakers to the main unit (Subwoofer), connect the 3-pin mains plug into the mains outlet socket then switch ON by pressing the Power ON/OFF button and DVD INPUT selector. (Ensuring the Power Switch on the rear of the unit is in the ON position)

Adjust according to your preferences the Centre, Front, Surround and Tone levels by using the relative keys on the Remote Control.

NOTE: To listen to 5.1 dolby surround sound, it is necessary to switch the DVD player (or other source) into 5.1 mode.

Centre speaker adjustment

Press the CENTRE speaker selector button and then adjust to your desired level using the UP and DOWN Volume buttons.

Front speaker adjustment

Press the FRONT L&R Speaker selector buttons and adjust to your desired level using the UP and DOWN Volume buttons.

Surround speaker adjustment

Press the SURROUND L&R Speaker selector buttons and then adjust to your desired level using the UP and DOWN Volume buttons.

Tone adjustment

Press the BASS or TREBLE buttons and then adjust to your desired tone using the UP and DOWN Volume buttons.

IMPORTANT: This function is active only on Front L & R Speakers.

Subwoofer speaker adjustment

Press the SUBWOOFER speaker selector button and then adjust to your desired level using the UP and DOWN Volume buttons.

(continued overleaf)

Use with stereo (L & R) source

Press the AUX, TV or CD INPUT selector on the remote control or the MODE button on the main unit (Subwoofer) and then follow the same instructions of 5.1 explained on this page. The AUX, TV or CD LED light will illuminate on the front of the subwoofer.

Press VIRTUAL SURROUND button to enable the 5.1 surround sound. Otherwise, the CENTRE and rear SURROUND speakers are inoperative.

Master volume adjustment

To increase or decrease the Volume level of all speakers at the same time, press the MASTER button selector and then adjust using the UP / DOWN volume to your desired level.

This adjustment can be made also with the MASTER volume control on main unit (Subwoofer).

Standby mode

Press the Standby/On button on the remote control to switch off the system, (the Standby indicator will illuminate on the front of the unit).

Remote control battery replacement

Remove the cover from the rear of the remote control. Insert 2 AAA or equivalent size batteries into the battery compartment of the remote controller and replace the cover.

Rubber Feet Installation

The rubber feet for Subwoofer and Centre speakers are included with the package. Before installation, use a polishing cloth or dry cloth to wipe off dust and dirt on the bottom of the units. The rubber feet come with self-adhesive tape. Put the rubber feet on the four corners of the bottom of the unit.

WARNING:

PLEASE NOTE THE SUBWOOFER (MAIN UNIT), THE FRONT AND SURROUND SPEAKERS SUPPLIED WITH THIS KIT ARE NOT MAGNETICALLY SHIELDED AND MUST BE POSITIONED AWAY FROM A TV OR MONITOR SCREEN (EG. SUBWOOFER: AT LEAST 100CM, FRONT AND SURROUND SPEAKERS: AT LEAST 60CM). FAILURE TO FOLLOW THIS INSTRUCTION MAY RESULT IN LOCALISED DISCOLOURATION OF THE SCREEN, WHICH MAY NOT BE CORRECTABLE.

8. SPECIFICATIONS

Power Supply

AC: 230V ~ 50Hz

Output Power

| | |
|----------------------------|------------------------------------|
| Subwoofer | 50 Watts RMS/CH (10% THD at 100Hz) |
| Front and Surround Speaker | 15 Watts RMS/CH (10% THD at 1KHz) |
| Centre Speaker | 15 Watts RMS/CH (10% THD at 1KHz) |
| Power Consumption | 100W |
| Total Output Power | 125W |

NOTE: Specifications and the design are subject to possible modifications without notice