

Goodmans

GDB8

OPERATION INSTRUCTIONS



**Before operating this unit,
Please read this user manual carefully**

HELPLINE PHONE NUMBER 08708730080

www.goodmans.co.uk

IMPORTANT SAFEGUARDS



**This symbol means that this power adaptor is double insulated.
An earth connection is not required.
HELPLINE PHONE NUMBER 08708730080**



WARNING

Never attempt to disassemble or repair an AC Adaptor, and never alter the Power Supply Cables or plugs as exposure to electric shock hazards could result. Always contact an authorised service provider, if repair or replacement is required.



WARNING

Always use the AC Adaptor that has been provided with your digital receiver. Bodily injury or property damage could occur as a result of the use of an unauthorised and incompatible AC Adaptor.

Never attempt to connect or disconnect the power plug of either the AC adaptor or the DC socket with damp or wet hands. Connecting or disconnecting the power plug with damp or wet hands could result in an electric shock.



WARNING

This equipment shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the equipment. To reduce the risk of fire or electric shock, do not expose this equipment to rain or moisture.



WARNING

Never leave an open container, such as a cup or glass, containing a liquid near the AC Adaptor. Spilled liquid coming in contact with the AC Adaptor could cause a fire or electric shock.

Always unplug the power plug from an outlet by grasping the power plug itself. Never pull on the Power Supply Cable to disconnect the Power Supply Cable from an outlet. Pulling on the Power Supply Cable could cause a fire or electric shock as a result of damage to the Power Supply Cable.

Never use a worn or damaged AC Adaptor Power Supply Cable or plug, or a worn or damaged extension cord or plug. The use of a worn or damaged Power Supply Cable or plug could result in electric shock or fire.

IMPORTANT SAFEGUARDS (continued)



CAUTION

Never place an AC Adaptor on a wooden surface (or any other surface that could be marred by exposure to heat) while it is in use, since its surface temperature increases during normal use. Always rest it on a suitable heat-insulating material.

Never cover the AC Adaptor with any object while it is in use, and never place it adjacent to a heat source. An excessive temperature increase could detrimentally affect its performance.

Never place a Power Supply Cable near a heat source, as damage to the cord or to its insulation could result.



CAUTION

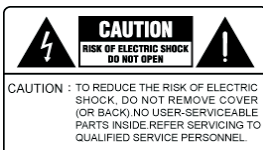
Never bend or twist a Power Supply Cable, and never pull on a Power Supply Cable in an attempt to remove a plug from an outlet. Always grasp the plug directly when unplugging a Power Supply Cable to avoid causing any damage to the cord. Never plug the AC Adaptor into an overloaded multiple outlet, power strip or surge protector to prevent blowing a fuse or tripping a circuit breaker.

Never place heavy objects on a Power Supply Cable, as that could result in damage to the cord.

Always confirm that the AC Adaptor plug (and the extension cord and plug, if any) have been fully inserted into the socket, to assure a safe and secure electrical connection.

CAUTION

The following marking is printed on the bottom housing.



Location and Handling

- Air vents are provided in the cabinet to prevent excessive temperatures inside the unit. Do not place this unit in closed spaces, cover it, or otherwise block the vents.

IMPORTANT SAFEGUARDS (continued)

- Do not place this unit in direct sunlight, or near heat sources.
- Keep this unit away from strong magnetic objects.
- Do not insert or drop anything into this unit through the air vents as this could cause serious damage, possibly resulting in fire.
- Do not place any object containing water or other liquids on this unit. In the event that liquid should enter the cabinet, unplug this unit immediately and contact the retailer immediately.
- Do not remove the cabinet. Touching parts inside the cabinet could result in electric shock and / or damage to the unit.

Nonuse Periods

- When the unit is not being used, turn the unit off.
- When left unused for a long period of time, the unit should be unplugged from the household AC outlet.

On adjusting volume

- Do not turn up the volume while listening to a portion with very low level inputs or no audio signals. If you do, the speakers may be damaged when a peak level portion is played.

Service

- Do not attempt to service the unit yourself.
- Please refer any service to a qualified service engineer.

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In the box

Inside your GDB8 receiver package you should have :

- This user guide
- Quick start guide
- GDB8 digital terrestrial television receiver
- 12V DC power adaptor
- Remote control remote control
- Set of batteries for the handset
- Aerial Loophthrough cable
- SCART cable

AV Switching

If after connecting the GDB8 to your TV as shown and you do not see a picture, press AV button on your TV remote until you see the "First Time Installation" screen.

Over Air Download(OAD)

To ensure that your digital receiver always has the most up-to-date information, please ensure that after use it is turned to standby. The GDB8 will automatically power up at 3AM each day and search for any new updates which may be broadcast and will download any relevant updates found automatically. This operation will normally take approximately 30 seconds.

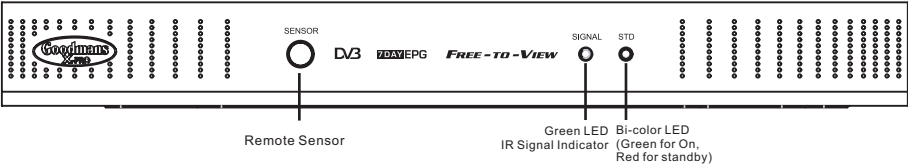
If you have an important recording to make at 3AM which must not be interrupted, then you can disable the auto OAD search by performing the following:

1. Press MENU button and using the UP/DOWN buttons highlight "Settings" and press the SELECT button,
2. Use the UP and DOWN button to highlight "Configuration" and press the SELECT button,
3. Use the UP and DOWN button to highlight "Receiver Upgrade" and press the SELECT button,
4. Using the LEFT/RIGHT button change "AUTO UPGRADE" option from On to Off,
5. Press SELECT and MENU and MENU to return to Normal operation.

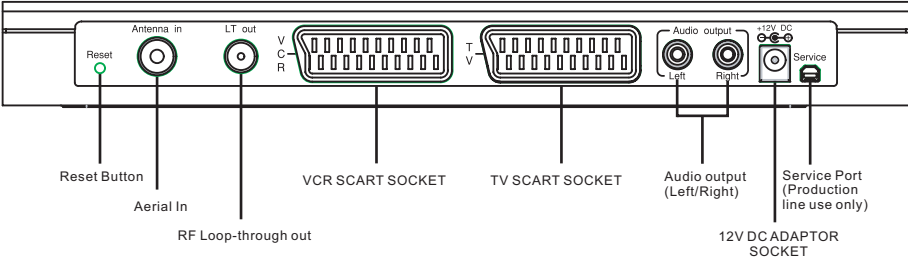
Do not forget to re-enable the automatic OAD function after you have made your recording by repeating the above instructions but this time selecting On otherwise your GDB8 will not be updated if there are any OAD broadcasts.

Your Digital Receiver

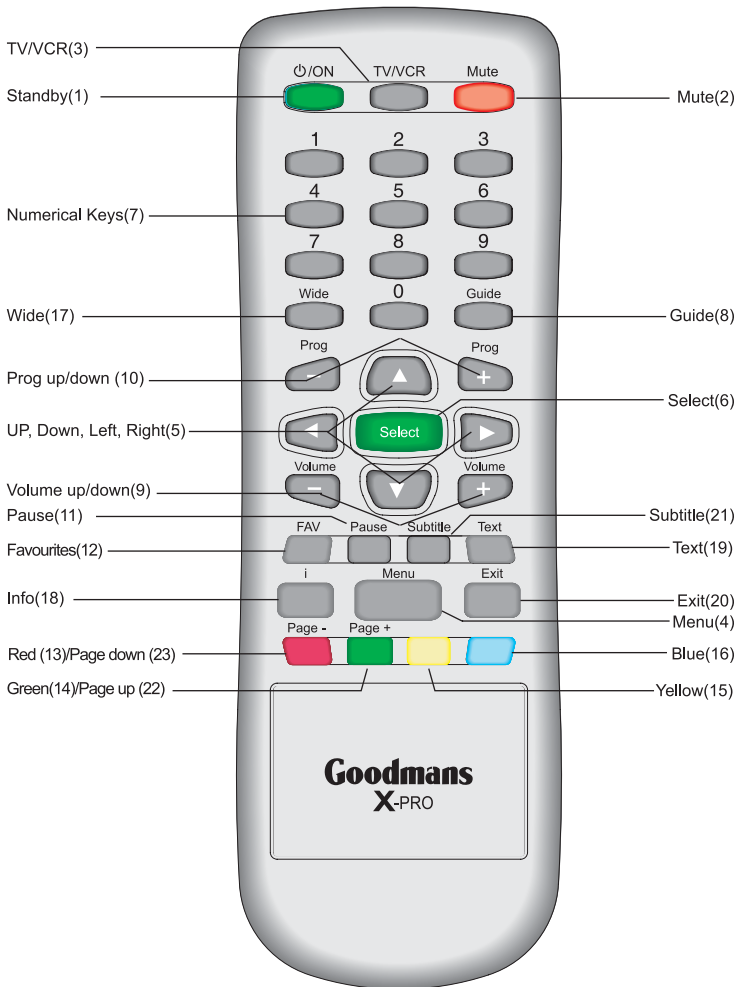
Front



Rear



Remote Control Handset



-NOTE- The numbers in the brackets relate to the numbers shown in the table on the next page.

Remote Control Keys

KEY	FUNCTION
1. Standby	Turn the receiver on and off
2. Mute	Mute/unmute the audio output
3. TV/VCR	Switch the output from the TV SCART on the rear of the unit between Digital and the input from the VCR SCART
4. Menu	Display the main menu or exit menus or switch between available EPG guides
5. Up, Down, Left, Right	Move between menu items
6. Select	Make selection in a menu
7. Numerical keys	Change channels / enter PIN code / enter numbers
8. Guide	Display and exit the electronic programme guide
9. Volume UP/DOWN	Adjust the audio volume
10.Prog UP/DOWN	Change programmes
11.Pause	Freeze the TV programme and show it as a picture, the sound output continues. Please note: This does not stop the broadcast and will not show the programme for the duration that the picture is paused.
12.FAV	Cycle through the available favourites lists.
13.Red/Page Up	Select Red Option in digital teletext/menu option; Scroll up a page in menu or channel list
14.Green/Page down	Select the green option in digital teletext/menu option; Scroll down a page in menu or channel list
15.Yellow	Select the yellow option in digital teletext/menu option
16.Blue	Select the blue option in digital teletext/menu option
17.Wide	Select Screen Format
18.i	Display the i-bar
19.Text	Enter and exit digital teletext
20.Exit	
21.Subtitle	Turn the subtitle on and off

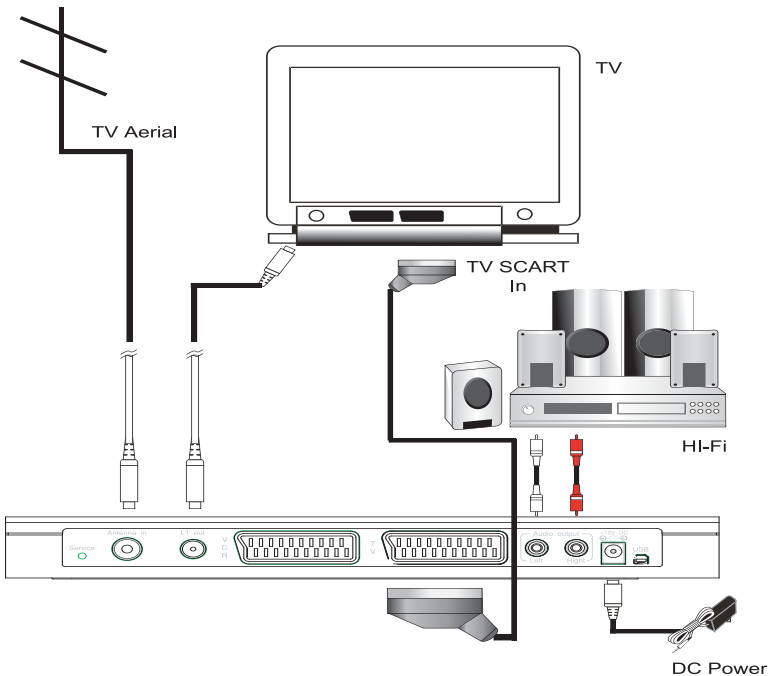
Connections

Place your GDB8 on a firm, level surface with at least a 10cm gap around all sides of the case and in a position convenient for connection to your television, a mains power outlet and a TV aerial wall outlet (or the “flying lead” from your TV aerial, as appropriate).

Please refer to the safety section in Appendix A.

Turn off your television at the mains and disconnect the lead going to the aerial wall outlet (or the flying aerial lead) and connect this to the ANT IN socket on the rear of the receiver. Connect the aerial cable (supplied) from the LT OUT socket on the receiver to the TV set's aerial socket.

Connect the TV SCART socket on the rear of the receiver to a suitable SCART socket on your television. There may be more than one SCART socket on your television and, if unsure which to use, you should refer to the manual for guidance.



Preparation (continued)

1

If you have a VCR or other equipment connected to your television, please connect the receiver as described here and refer to Appendix C later when satisfied that the receiver is functioning normally.

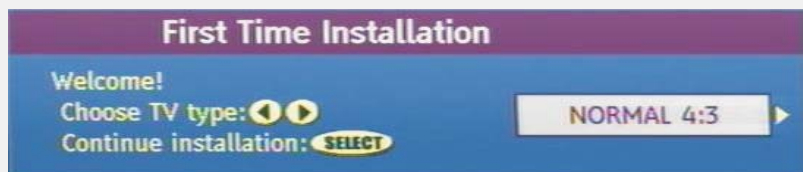
Finally, plug the supplied DC power adaptor into the mains outlet and connect the other end to the GDB8 DC IN socket. When the GDB8 is first turned on, the STD LED on the front panel will turn red to show that it is in standby. Remove the battery compartment cover from the rear of the remote control handset by lifting the catch at one side. Insert two AAA sized batteries, taking care to observe the correct orientation as marked on the inside of the compartment. Replace the compartment cover back on the remote.

Switching on

Turn on your TV set and select to use its SCART input (with the AV button, or similar, on the television remote control). Press the STANDBY key on the GDB8 remote control handset. The STD LED indicator will turn green and the receiver menu will be seen on the TV screen. The green SIGNAL LED on the front panel will flash every time it receives a signal from the remote control handset (this indicator will also flash when remote controls for other equipment are used, this is normal and not a fault with the unit). If you do not see the receiver's menu on the television screen, refer to the Troubleshooting Guide in Appendix D.

Tuning in

Because this is the first time that the receiver has been used, there are no channels stored in the receiver's memory and the First Time Installation menu is displayed on the screen.



First select the type of TV set that is connected to the GDB8 receiver. Press the LEFT or RIGHT keys on the remote control handset to switch the selection on the screen to show either 16:9, if you have a 16:9 or widescreen TV, or 4:3 if you have a standard TV set. Then press SELECT to start the installation process. The next menu will ask if you want to tune in the digital terrestrial television channels.

Preparation (continued)

Using the LEFT or RIGHT keys on the remote control, make sure that the YES button is highlighted and press the SELECT key to start the automatic search.

The GDB8 receiver will automatically tune to the UHF transmission channels 21 to 68 looking for digital terrestrial TV broadcasts and displaying the names of channels found. This process may take several minutes.

When the search is finished, the first channel of the channel list and the information banner will be displayed. You can now watch digital terrestrial television.

Do you want to start automatic search?

Yes

No

Hint

Depending on the reception conditions in your location, you may find repeated names in the list of channels. This is because the receiver may detect and store some channels including those it cannot receive clearly from adjacent areas alongside the strong channels from a transmitter nearby. This is not a problem and the weaker channels can be deleted from the receiver later, as described in section 3 - advanced operation - editing the channel list.

If no digital terrestrial television broadcasts are found, the receiver will display a "NO SIGNAL" message.

NO SIGNAL

You should then refer to the troubleshooting guide in Appendix D to establish the cause of the problem.

When you have finished watching digital terrestrial TV, please switch the receiver to standby mode to save the last viewed channel and volume setting, and reduce power consumption. The receiver can be returned to standby by pressing the STANDBY key on the remote control handset. Still the GDB8 receiver can remain powered up continuously, even when the television is turned off, without harm to the television or itself.

Hint

In standby, the GDB8 receiver still consumes power and thereby contributes to air and water pollution and the exhaustion of the World's natural resources. Overnight or when your receiver is not going to be used for long periods of time, you can turn it off at the mains and this will save energy (and save your money). You will not have to re-install the receiver when it is turned on again.

There are great many keys used in different situations while using the GDB8 receiver. Many of the menu screens displayed by the receiver have reminders as to which keys can do what, at the base of the screen. In addition, many screens have further help available when the *i* key is pressed, as prompted at the bottom right of the screen.

Changing channels

You can select the channel you wish to watch in one of four ways: stepping through the channel list, selection by number, from the onscreen channel list, and using the electronic programme guide (EPG).

To move through the channel list, press the Prog + or Prog - keys on the remote control. Pressing the Prog + key will select the channel next in the channel list. Pressing the Prog - key will select the previous channel in the list.

Pressing the Prog + key when the last channel in the list is being viewed will select the first channel. Similarly, pressing the Prog - key when the first channel is displayed will select the last channel in the channel list.

You can also select the required channel using its channel number. Channel numbers are entered using the numerical keys on the remote control handset and can be up to three digits long.

Hint

The channel numbers are assigned by the broadcasters. Because not all channels are broadcast free-to-air and stored by the receiver, the channel list numbers do not run continuously. The fifteenth channel in the list, for example, may not be channel number 15 but channel number 18.

When you press a number key on the remote control, a small box appears in the top left of the screen to show the entered number. After each digit is entered, the receiver will wait up to two seconds for the next digit to be pressed until either three digits have been entered or you do not press a digit in time. The channel corresponding to the entered number in the box will then be selected.

Hint

If you enter a number which does not correspond to a stored channel, the next valid channel number is selected instead. If you enter a number greater than the highest numbered channel in the channel list, the receiver will select the last channel in the list.

Everyday Operation (continued)




Information banner

Whenever you change channel, using the Prog + and Prog - keys or the number keys, the receiver displays the channel picture along with an information banner at the bottom of the screen. This will remain on the screen for approximately three seconds. The information banner can also be displayed at any time while watching TV by pressing the **i** key on the remote control. Pressing the **i** key again removes the banner.



Hint

Not all channels broadcast the programme data; if the name and times of the programme is not available then "not available" is displayed in the information banner.

The information banner gives a number of facts on the channel selected and the programmes on it. The name of the channel is displayed, along with its channel list number and an indication of the strength of the signal received on this channel. The name, starting time and ending time of the currently showing and next programmes are also shown along with the current time. There is also an icon that indicates whether this channel is a TV channel , a radio channel . Or if the channel is only has DIGITAL TELETEXT .

If the channel selected is locked (see section 3 advanced operation channel protection), you must enter the correct four digit code to view the channel.

Alternatively, the Prog+ or Prog- keys can be used to move to another, unlocked channel.



Channel list

You can also select the required channel directly from the on-screen channel list. This is displayed using the GDB8 receiver's main menu. First bring up the menu with the MENU key on the remote control handset.

Main Menu

Channel List

Favourites

Guides

Timers

Settings

Using the UP or DOWN keys on the remote control, make sure that the first item "Channel List" is highlighted and press the SELECT key to display the channel list.

Channel List

- 1. BBC ONE
- 2. BBC TWO
- 7. BBC THREE
- 30. CBBC Channel
- 40. BBC NEWS 24
- 51. BBCi



Select

Delete

Edit Name

Lock

Favourites



Function



Select Channel



Watch



More

Everyday Operation (continued)

Here, you can preview any channel stored by the receiver before viewing it full screen. The complete list of channels is displayed in pages of 10 channels at a time, with their channel list number and favourite channel icon if appropriate (see section 3 ADVANCED OPERATION favourite channels). The name and a quarter-screen image of the channel last viewed is displayed in the top right of the screen.

Using the UP or DOWN keys, the highlight is moved through the list to the channel required. Pressing SELECT now changes the quarter-screen display to show the highlighted channel.

Hint

It is possible to edit the channel list from the channel list screen, including changing the name of stored channels or deleting them. Editing the list is covered in section 3- ADVANCED OPERATION editing the channel list. When using the channel list to select channels, use the LEFT or RIGHT keys to ensure that the highlighted button at the bottom of the screen is SELECT, so no editing functions are accidentally begun.

When you leave the channel list screen by pressing MENU, the channel showing on the quarter screen is selected for normal viewing on the whole screen.

ELECTRONIC PROGRAMME GUIDE

The fourth way of selecting a channel is with the electronic programme guide, or EPG. The EPG is accessed by pressing the GUIDE key. GDB8 has three styles of EPG: Now/Next, List and Timeline. To cycle through the available EPGs, press the MENU key when any EPG is showing.

Electronic Programme Guide Thur 23/9 17:54

Neighbours 17:35-18:00
 (Entertainment) Summer is suspended from school for fighting, Susan and Tom decide to make a go of their relationship, and Libby is frustrated by Darren's desire to take things slowly. [AD]

1 **BBC ONE**

Channels	Current Event	Next Event
1. BBC ONE	Neighbours	BBC News
2. BBC TWO	The Weakest Link	Paralympic Grandstand
7. BBC THREE	This is BBC THREE	Welcome to BBC THREE
30. CBBC Channel	Tracy Beaker	Blue Peter
40. BBC NEWS 24	BBC News	BBC News

Navigate **Schedule** **SELECT** **Watch** **More**

NOW/NEXT - Current Programme

The channels are listed at the bottom of the screen, each with the current event (the name of the programme showing at that time) and the next event (the following programme). When the EPG screen is first displayed, the channel last watched is highlighted in the list of channels. A quarter-screen image of this channel is displayed at the top right of the screen along with the channel name and channel list number.

Hint

If the channel you have been viewing is a digital teletext channel. Then no picture will appear in the quarter-screen window.

Details of the current programme on that channel (the name of the programme and typically a synopsis with details of the stars involved, the teams playing or similar information) along with the start and finish times are displayed at the top left inside the dark blue text window.

Hint

Not all channel broadcast all the programme information data. Some channels do not provide the current and next event data and/or the programme details, in this case the programme names and/or the details are not displayed. This is not a fault with your receiver.

Moving the highlight through the list of channels using the UP and DOWN keys will change the programme details in the text window to reflect the channel highlighted. The quarter-screen window continues to show the channel last watched, so you can stay watching a programme while at the same time browse the details of what's on, on other channels.

You may then select the highlighted channel for viewing on the quarter-screen window by pressing the SELECT key.

You can leave the EPG screen, to enjoy normal full-screen viewing of the channel in the quarter-screen window by pressing the GUIDE key again.

Everyday Operation (continued)

NOW/NEXT - Next Programme

Press the RIGHT key in this EPG screen to highlight the name of next programme in dark blue, and displays the highlighted channel's programme details for the next event (the programme following the current programme) in the text window. As before, you can browse through the list, checking the programmes coming up next on all the channels.

The screenshot shows the Electronic Programme Guide (EPG) interface. At the top, it displays 'Electronic Programme Guide' and the date/time 'Thur 23/9 17:54'. The main content area is divided into three sections:

- Current Event:** 'Neighbours' (17:35-18:00) with a description: '(Entertainment) Summer is suspended from school for fighting, Susan and Tom decide to make a go of their relationship, and Libby is frustrated by Darren's desire to take things slowly. [AD]'. A small video thumbnail of a man is shown to the right.
- Channels:** A list of channels with their current and next events.
- Navigation:** A bar at the bottom with icons for 'Navigate', 'Schedule', 'Watch', and 'More'.

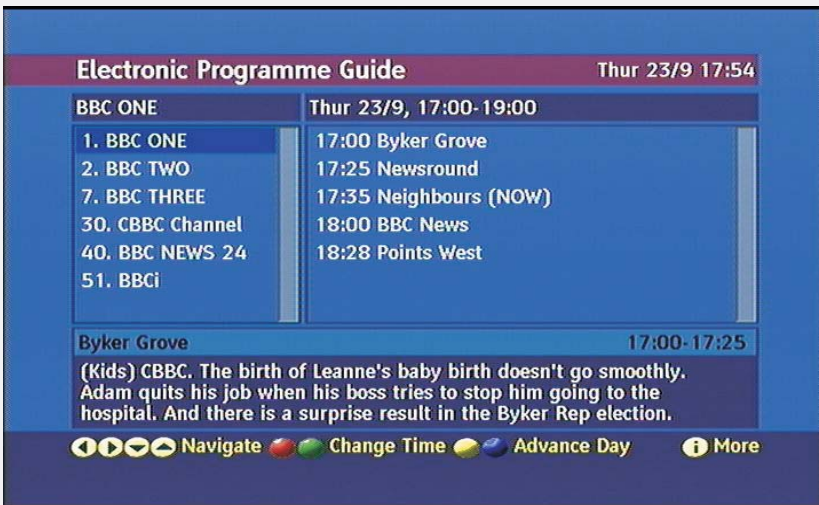
Channels	Current Event	Next Event
1. BBC ONE	Neighbours	BBC News
2. BBC TWO	The Weakest Link	Paralympic Grandstand
7. BBC THREE	This Is BBC THREE	Welcome to BBC THREE
30. CBBC Channel	Tracy Beaker	Blue Peter
40. BBC NEWS 24	BBC News	BBC News

Pressing the SELECT key while the next event details are displayed will set a reminder to watch that programme. See Section 3 ADVANCED OPERATION programme reminders and timers.

You can return to the current programme display by pressing the LEFT key or to normal television viewing (to watch the channel last selected in the EPG screen) by pressing the GUIDE key again.

LIST - EPG

There are two 7 day EPG guides. The first is the LIST guide. The list guide displays the EPG data as shown below. To the left is the channel list and to the right is the EPG data. First, select the channel the data should be displayed for using the UP/DOWN buttons. The red/green buttons will advance the time slot that the information is display. The yellow and blue buttons are used to select which day should be shown.



The currently showing programme on the select channel will have the (NOW) suffix added to it to assist in determining which programme is currently showing.

After selecting the channel to be display press the right button. The highlight cursor can now be moved between individual programmes. The following will happen if the SELECT button is press with a programme highlighted:

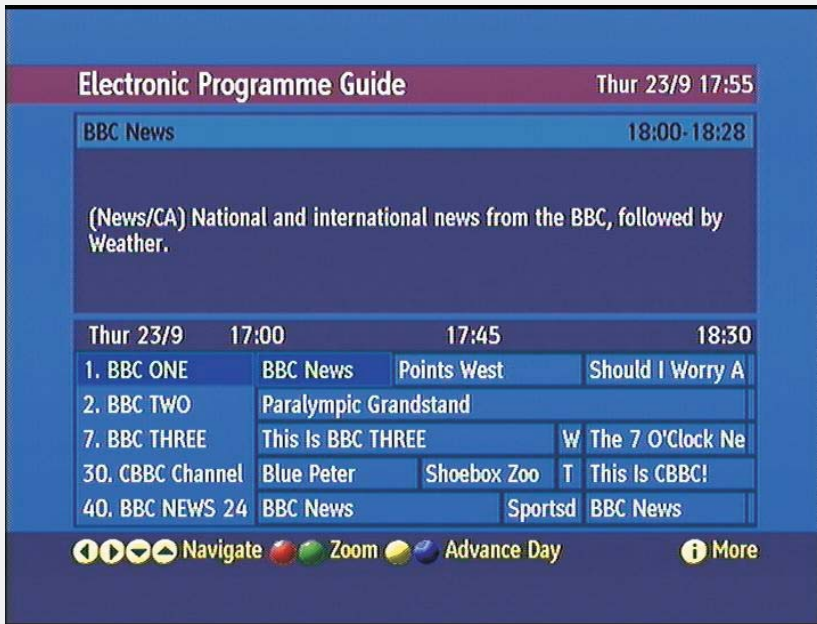
If the programme is currently showing: The EPG guide will be closed and the selected programme will be shown.

If the programme has already been shown: A pop-up will appear, informing the user that this programme was in the past and therefore a reminder can be set.

If the programme has not yet been shown: A reminder will be set for that programme and the GDB8 will automatically change the channel at the start time.

TIMELINE - EPG

The second style of EPG is the timeline guide. The channel names and numbers run down the screen on the left and the programmes are shown to the right. The synopsis for the selected program is shown in the top half of the screen.



Using the UP and DOWN keys to highlight a channel on the left and then use the LEFT and RIGHT keys to browse the programmes shown on that channel

Press the RED key will enlarge the time frame and include more programmes in it. Press the GREEN key will do the reverse. Press the BLUE key will show the information for the next day while the YELLOW key will show the information for the previous day. The SELECT key is not used in this style of EPG, and therefore reminders cannot be set using this style of EPG.

Audio control

Volume control

The volume level of the sound from the GDB8 receiver can be altered with the Volume+ and Volume- keys on the remote control handset. Pressing either key displays bar graph of the sound volume on the TV screen.



Hint

The audio volume adjustment for the GDB8 receiver is independent of the volume control on your TV set. Be careful that both volume controls are kept within reasonable levels so that when switching from analogue to digital television viewing, or when first turning on your TV set, the sound level is not suddenly very high.

The volume level selected will remain set, even when the receiver is turned off and on again, until it is altered with the Volume+ and Volume- keys.

You can silence the sound from the receiver by pressing the MUTE key. The sound remains muted until the MUTE key is pressed again, the Volume+ or Volume- keys are pressed, or until the receiver is turned off and on again.

While the sound is muted in this way, the mute symbol is displayed in the top left of the TV screen. The symbol is removed after 3 seconds, but the sound will remain muted until the MUTE key is pressed for the second time, and the unmute symbol will display for 3 seconds.

Soundtrack language

Some programmes are broadcast in two or more languages simultaneously. The language heard can be selected from the language menu. Press MENU to display the main menu and use the UP or DOWN keys to highlight the Settings and press SELECT use the UP or DOWN keys to highlight the language and press SELECT. Use the UP or DOWN keys to highlight "System", "Preferred" or "Current" and change to a desired language.

System language is the language used throughout all of the menus. Preferred Audio and preferred Subtitle language settings are the preferred languages to be used for Audio and Subtitles (if the preferred language is not being broadcast the default language specified by the channel will be used). Current Audio and Subtitle language setting can be used to temporarily change the language used for each.

Digital teletext

Many digital terrestrial television channels not only broadcast pictures and sound for programmes but also pages of information on the programmes, the weather, news and many other topics. This digital teletext can be displayed by the GDB8 receiver.

Some channels are entirely given over to digital teletext and carry no normal TV programme at all. These dedicated digital teletext channels will not give a quarter-screen image in the EPG or the channel list screen. When such a channel is selected, after a brief pause, they will usually display a black page instead.

Other channels have digital teletext pages broadcast alongside the television programme and often include a reduced-size broadcast picture within digital teletext pages. These usually require the TEXT key to be pressed to activate the digital teletext pages.

In both cases, moving through the different pages of information is accomplished in a variety of ways, dependent on the individual broadcasters, but including use of the UP, DOWN, LEFT, RIGHT and SELECT keys to select items from on-screen menus, and the coloured keys to jump directly to particular pages, also on some channels numbers are used in a similar way to the traditional analogue teletext. You can exit any digital teletext channel by changing channel in any of the normal ways. You can leave the digital teletext function of a combined digital teletext/programme channel, to return to normal television viewing of that channel, by pressing the TEXT key.

Hint

Calling for the information banner or any menu on-screen stops the receiver from displaying the digital teletext pages and they are temporarily replaced by a blank picture while the banner or menu is displayed. Digital teletext cannot be accessed when the subtitles are enabled (see section 2 ADVANCED OPERATION configuring your receiver.)

WIDESCREEN

TV sets are available with screens of the standard 4:3 format and widescreen 16:9 format. When you first installed your GDB8 receiver, you should specify the format of the connected TV (this can be altered latter if necessary: see section 3 ADVANCED OPERATION - CONFIGURING YOUR RECEIVER).

Digital terrestrial television broadcasts are also made in both standard and widescreen formats. In particular, films and dramas tend to be broadcast in widescreen format to closer emulate the cinema experience, but even some news bulletins are widescreen. GDB8 receiver includes the WIDE key for you to get the most from both TV set and programme when a widescreen film is watched on a standard TV, or a standard broadcast is viewed on a widescreen set.

So long as the receiver has been correctly set up for the TV set connected, a widescreen programme will always be displayed correctly on a widescreen set and a standard format programme will correctly fill the screen of a standard format TV.

With a widescreen TV set displaying a standard format programme, the WIDE key switches between displaying the picture with black bars down the sides, and enlarging the picture so that it fills the whole width of the screen but the top and bottom are cropped off.

With a standard format TV displaying a widescreen programme, the WIDE key switches between displaying the picture with black bars at the top and bottom of the screen, and filling the whole height of the screen but cropping the sides off according to instructions broadcast with the programme (called "pan and scan") The effect of the WIDE key on the picture display is cancelled by pressing WIDE again, changing channel or turning the receiver to standby.

Subtitle

Subtitle key shows/ hides subtitles of channel. When the subtitle key is pressed, subtitle ON/OFF message is displayed.



Subtitles ON



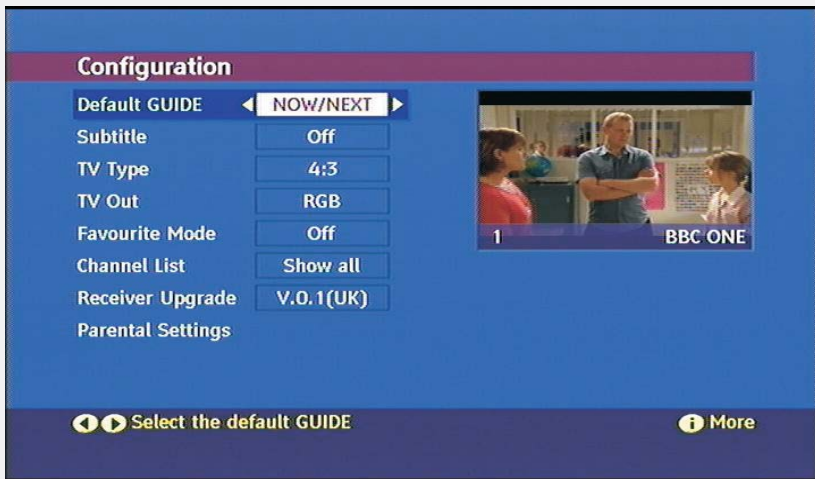
Subtitles OFF

TV/ VCR key

Pressing TV/VCR key will manually toggle GDB8 between VCR viewing and TV viewing. In VCR viewing, GDB8 will loopthrough any input on the VCR SCART to the TV SCART. In TV viewing, GDB8 displays digital TV programme. So, when recording to VCR, please ensure that the GDB8 is in TV mode.

Configuring your receiver

Many aspects of your GDB8 receiver can be set up to reflect your circumstances and preferences. The configuration menu screen is accessed from the sub menu. Press the MENU key to display the main menu and the DOWN key until to highlight "Setting", and then press SELECT to display the configuration menu screen.



The various configuration functions are displayed in a list, along with quarter-screen image of the currently selected channel. You can select a function by highlighting the corresponding menu line with the UP or DOWN keys. There are eight configuration functions.

Default GUIDE

The style of EPG to be shown at GUIDE key. There are three styles of EPG: Now/Next, List and Timeline. This option allows you to set the default style shown after pressing GUIDE.

SUBTITLE

Digital terrestrial television channels can broadcast with subtitles displayed on-screen for the hard-of-hearing. This function enables the automatic display of subtitles whenever subtitle information is broadcast.

Highlight the Subtitle line in the configuration menu and use the LEFT and RIGHT keys to cycle through the disable and language options. Return to normal TV viewing by pressing the MENU button.

TV TYPE

Digital terrestrial television channels can broadcast programmes in a widescreen format which must be output differently to normal and widescreen TV sets. This function tells the receiver the screen format of the TV connected so that broadcasts are displayed correctly.

Highlight the TV type line in the configuration menu and use the LEFT or RIGHT keys to select 4:3 if you have a standard TV set connected or 16:9 if it is a widescreen TV. This function duplicates the selection made at the time of first installation (see 1 PREPARATION tuning in) and can be used if you change TV sets. Return to normal TV viewing by pressing the MENU key.

FAVOURITE MODE

This function enables or disables the favourite channel list mode. See 3-ADVANCED OPERATION favourite channels.

-NOTE- This mode will be automatically turned off after viewing the channel list sub menu.

TV OUT

The GDB8 receiver can output either an RGB or CVBS signal from the TV SCART on the rear panel. Although the RGB format results in a better quality picture, not all equipment particularly some VCRs can cope with an RGB signal (see appendix C connecting a VCR)

CHANNEL LIST

This function allows filtering the channel list and only shows radio or TV channels in the list. You can still use "Show all" to display all channels in the list.

-NOTE- This filtering will be automatically turned off (as "show all") after viewing the channel list sub menu.

PARENTAL SETTINGS

This function enables or disables the menu protection system and allows the PIN code to be changed. see 3 ADVANCED OPERATION channel and menu protection.

Editing the channel list

The digital terrestrial television channels found by the receiver when first installed are stored in its memory as a channel list. This list can be altered and amended to remove unwanted channels and to suit your own preferences. First bring up the main menu with MENU key on the remote control handset. Then, using the UP or DOWN keys on the remote control, make sure that the first item, "Channel List", is highlighted and press the SELECT key, to display the channel list.



The channel list screen displays the list of channels in the receiver's memory, with a quarter-screen image window showing the selected channel, and can be used to change channels for viewing, delete channels from the memory,

lock a channel against viewing by younger members of the family, and set favourite channels. Channel list functions are carried out on one channel at a time. The channel to be affected is first highlighted in the list using the UP or DOWN keys.

SELECT

This function selects a channel for viewing and is an alternative to using the Prog+ and Prog- keys, channel number or EPG. Highlight the channel to be viewed, highlight the SELECT key at the base of the screen using the LEFT or RIGHT keys and press SELECT. The highlighted channel now appears in the image window and you can leave the channel list to view the channel

EDIT NAME

The channel names which appear in the channel list and the information banner are assigned by the broadcasters and some longer names are abbreviated to become unrecognizable. You can edit the names to suit your preferences with the edit name function. Highlight the channel to be renamed, highlight the EDIT NAME button at the base of the screen using the LEFT or RIGHT keys, and press SELECT. The highlighted channel name appears on the right of the screen with the first character highlighted by a cursor. Any of the 15 characters that make up a channel name can be highlighted using the LEFT or RIGHT keys and the highlighted character changed by pressing the UP or DOWN keys to cycle through the alphabet, numbers and other characters available.

DELETE

The initial installation of the GDB8 receiver can produce duplicate entries in the channel list from transmitters operating at different frequencies in adjacent areas, and you may wish to delete these duplicate entries from the list. In addition, other channels which you do not want in the list. Highlight the channel to be deleted, highlight the DELETE button at the base of the screen using the LEFT or RIGHT keys, and press SELECT. The highlighted channel is deleted from the list. You can now perform further editing on the channel list, or return to normal viewing by pressing the MENU key.

When the required changes have been made, pressing SELECT stores the new name and returns to the channel list screen. Alternatively, pressing MENU will abandon the name change and return to the previous name. You can now perform further editing on the channel list, or return to normal broadcast viewing by pressing the MENU key. Using the other two functions of the channel list menu screen LOCK and FAVOURITES is dealt with in the next sections.

Channel and menu protection

CHANNEL LOCK

Some channels broadcast material which you do not want younger members of the family to watch. Any channel can be “locked” so that it cannot be selected for viewing without first a four-digit PIN code being entered. In this way any channel not suitable for younger viewers can be protected.

The channel lock is applied with the channel list menu. Press the MENU key on the remote control handset to display the main menu and then, using the UP or DOWN keys on the remote control, make sure that the first item, “Channel List”, is highlighted in yellow and press the SELECT key. Highlight the channel to be locked using the UP or DOWN keys. Now select the LOCK button at the base of the screen with the LEFT or RIGHT keys and press SELECT.

A window requesting the PIN code is displayed and the four-digit code should be entered using the numerical keys on the remote control, followed by the SELECT key. A lock icon is then displayed alongside the channel name in the channel list.

Hint

The PIN is factory set to 0000. This code should be reset (as described below) to another sequence of numbers, known only to you, when you have finished setting up the receiver.

You can now leave the channel list screen and return to normal TV viewing by pressing MENU. Any attempt to change channel to the locked channel will now display the same window requesting the PIN code and the channel will only be displayed on entry of the correct code. To remove the lock on a channel, repeat the same process as to lock the channel.



MENU LOCK

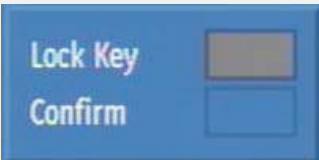
Simply locking a channel will not deflect a determined would-be viewer. Re-installing the complete channel list, for example, will bypass the channel lock. However, the menus can be locked out of use too, to prevent this.

Display the main menu by pressing the MENU key, highlight "Settings" and press SELECT to see the page of settings. Use UP or DOWN keys to highlight "Configuration", and press SELECT to display the configuration menu screen. Highlight the "Parental Settings" line of the menu using UP and DOWN keys and press SELECT to display the parental settings menu (after the PIN code has been entered). Here the menu lock-out can be set and the PIN code changed.

With the menu lock line highlighted, use the LEFT or RIGHT to cycle the menu lock setting through disabled, main menu and installation. The main menu setting will lock out the complete menu system; the installation menu setting locks only the installation menu (see section 3 ADVANCED OPERATION re-installation) and the disabled setting allows free access to any of the menus.



Menu Lock Installation
Set Lock Key



Lock Key
Confirm

You must return to normal TV viewing by pressing the MENU key (three times) to activate the lock. Now any attempt to access the locked menus will display the PIN request window and the menus will only be displayed on entry of the correct PIN code.

The same parental settings menu is used to change the PIN code. With the "Set Lock Key" line highlighted, press SELECT to display the set lock key window. This requests the new four-digit code to be entered twice (for confirmation) and the new code comes in effect when you return to the configuration menu by pressing MENU.

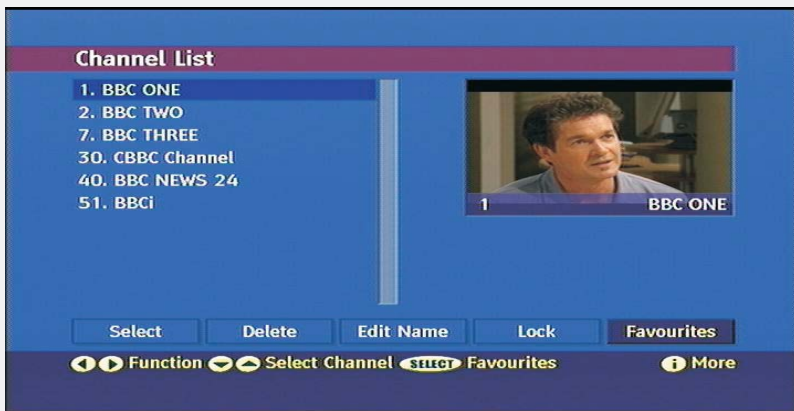
FAVOURITE CHANNELS

There will be some channels that you tend to watch more often and some only occasionally. Although some duplicate channels you may want to delete from the channel list, others although not watched frequently, you will not want to remove altogether. The favourite mode allows the most watched channels to be accessed more easily, leaving the less-watched channels accessible but out of the way.

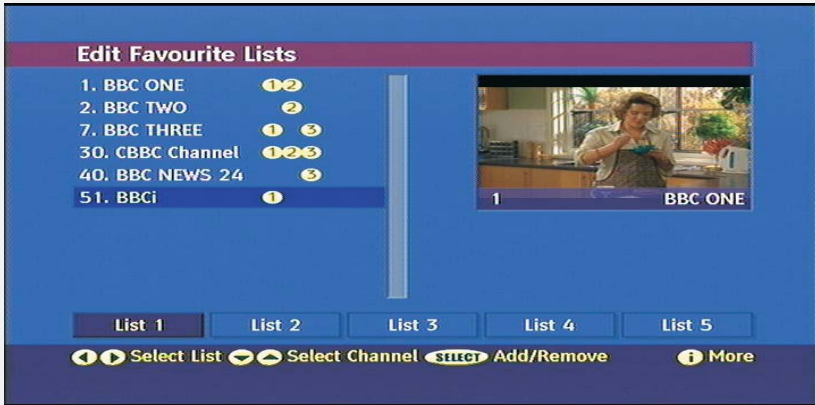
When the favourite mode is activated, the Prog+ and Prog- keys cycle through the favourite channels only and the EPG will list the favourite channels only (other channels can still be accessed by channel list number or from the channel list menu screen)

Any channel can be a favourite channel and the channel list menu is used to label those channels you want as favourites.

Display the channel list menu screen by highlighting "Channel List" on the main menu and pressing SELECT.



Use the LEFT or RIGHT keys to highlight the "Favourites" button at the base of "Channel List" menu screen. You can also select the "Favourites" from main menu. There are five lists for your grouping of channels. Use LEFT or RIGHT to select a list, then use UP or DOWN to highlight channels. Press SELECT on a highlighted channel to include it into the list of favourite.



After editing the favourite lists, the FAV key can be used to cycle through the available favourite lists and off (which will show all channels). The favourite list you are using can be seen on the i-bar as a number (1-5) on a yellow circle.



When a favourites list is selected the Prog + and Prog - keys will only cycle through the channels in the selected list. To view all channels select the "Channel List" option from the main menu (favourite mode will be cancelled).

Programme reminders and timers

With the greatly extended channel choice that digital terrestrial television brings, it is all too easy to miss a favourite programme. The GDB8 receiver has two facilities built in to help you make sure you catch all the TV shows you want.

Programme reminders

Programme reminders can be set to change the channel automatically when a programme on a different channel is about to start. A reminder can be set from the NOW/NEXT and the LIST SCHEDULE electronic programme guides.



With the NOW/NEXT EPG screen showing, press RIGHT to display the next programme details in the text window and highlight the name of the next programme in the list of channels. Press SELECT when a programme you want to watch is highlighted and the reminder icon is displayed against that programme's name

The SELECT key can also be used in the same way on a LIST style EPG page. A reminder will be set when pressing SELECT key on a highlighted programme.

You can exit the EPG screen in the normal way by pressing GUIDE or MENU. Shortly before the programme is due to start, the receiver will display a reminder on the screen over the picture of the channel being viewed.

At the beginning of the select programme a pop will be shown on the screen informing you that the selected programme is about to start on the relevant channel. If you have changed your mind and now do not want to watch the selected programme you have 30 seconds to press select to cancel the automatic channel change. If the unit automatically changes before you can press select, the original channel can be selected using the standard method described above.

Event timer

You can also set a timer to switch the receiver to any channel without your intervention.

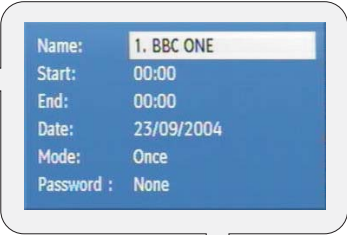
This is intended for making video recordings of programmes when you are out. If a single programme is to be recorded, the receiver can be left switched to the required channel and the timer set on the VCR. However, if two or more programmes on different channels are to be recorded then the GDB8 receiver's own timer is set as well, to select the required channel when it is needed.

Display the main menu by pressing the MENU key and highlight and select the timer's line to display the timer menu screen. Up to five separate timer events can be set and each is displayed in the timer screen, showing the event number, the channel to be selected, the start time, end time, date and the mode whether that event is active (and will be acted on) or not.



To set an event, highlight its mode button using the UP or DOWN keys and press SELECT to display the timer entry window. Here the five settings of channel name, start time, end time, date and frequency mode can be set. You can move freely between each setting using the UP and DOWN keys. The channel name is set using the LEFT or RIGHT keys to display the channel which broadcasts the programme to be recorded. The start time, end time and date are each set with the numerical keys on the remote control in 24-hour format. The frequency mode determines how often the receiver operates this event and is set with the LEFT or RIGHT keys to be either Once, Daily, or Weekly.

Pressing MENU or SELECT returns to the timer screen and shows the new settings in the timer event list. The event mode is automatically set to active and you can now return to normal viewing (press the MENU key) and at the appointed time the receiver will switch over to the required channel and at the end of the event, switch the receiver to standby.



Name: 1. BBC ONE
 Start: 00:00
 End: 00:00
 Date: 23/09/2004
 Mode: Once
 Password : None

When the timer screen is displayed, any event can be set to be inactive (so it will not occur) or the channel, times and frequency mode altered by highlighting the event's mode button and pressing SELECT as before. You can exit the timer screen and return to normal TV viewing by pressing MENU.

Hint

If you are watching digital terrestrial TV at the time the timer event starts, a message is flashed onto the screen announcing that the receiver is 'switching to timer channel' so you understand what is happening.

Re-installation

Although your GDB8 receiver will not lose its settings or stored channels when switched off, you may wish to re-install the receiver because you have moved to a different area with different broadcast frequencies, you wish to reinstate a channel previously deleted from the channel list, or you want to watch new channels which have started broadcasting.


Press the MENU key to display the main menu and using the Up or DOWN keys, highlight the SETTINGS line and press SELECT, highlight Installation line and press SELECT to display the installation menu. You can either perform a first time installation, effectively resetting the receiver to its ex-factory condition, or just search for channels.



Installation
 Automatic Search
 Manual Search
 First Time Installation

First time installation

To reset the receiver, highlight the "First Time Installation" line in the menu and press SELECT. A warning screen is displayed in case of accidental operation.



Are you sure you want to delete all channels and settings for first time installation?

Yes

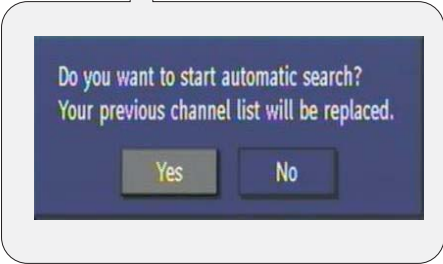
No

Highlight the YES button with the LEFT or RIGHT key and press SELECT to erase all the channels and settings, the unit will then reset and can be installed following the instructions given in "section 1-PREPARATION tuning in".

Add Channels

The GDB8 receiver can search for channels automatically (searching all the broadcast frequencies for free-to-air channels) or manually (searching one specified broadcast frequency only for any channels to be found there).

Press the MENU key to display the main menu and using the UP or DOWN keys, Highlight the settings line and press SELECT to display the settings menu. Highlight the installation line and press DOWN key to display the options. Select automatic search with the UP or DOWN keys and press SELECT. A warning message is displayed. This starts the automatic tuning process as described in section in "section 1-PREPARATION tuning in", and searches through all the available broadcast frequencies for free-to-air channels. Previous channel will be replaced on automatic search.



Do you want to start automatic search?
Your previous channel list will be replaced.

Yes

No

Highlight the YES button with the LEFT or RIGHT key and press SELECT to start the automatic search.

If, alternatively, from the search options menu the manual search line is highlighted and SELECT pressed, the manual search screen is displayed.



This is for searching of digital channels on a single broadcast frequency. The frequency channel number (21-68) is entered in the box at the top left of the screen and the received signal level and signal quality can be observed on the two bar graphs at the bottom. When SELECT is pressed, the receiver searches that frequency and displays a list of the channels found before returning to the installation menu.

Hint

The bar graphs of signal quality and signal level give a good indication of whether any channels are likely to be found. If only the signal level graph shows a high value then it is likely that an analogue channel occupies that broadcast frequency. If the signal quality bar is high as well then it is a digital frequency and digital channels will probably be found.

Again, channels which duplicate those already in the channel list are ignored. However, the manual channel search will find all channels on the broadcast frequency. When either search is finished, press the MENU key to return to normal broadcast viewing, to watch the new digital terrestrial television channels found.

APPENDIX A - SAFETY

POWER

The DC power adaptor of GDB8 should be plugged into a 230V to 240V AC, 50Hz supply only.

TEMPERATURE AND MOISTURE

Do not leave or use the receiver in a hot, cold or humid area. Do not allow the receiver to get wet- from drips or splashes- as this may be dangerous. Do not place water-filled objects such as flower vases, on top of the receiver.

VENTILATION

Slots and openings in the receiver's cover are for ventilation. Do not cover or block them as this could lead to overheating.

CLEANING

Unplug the receiver before it is cleaned. Use a lightly dampened cloth only. Do not use liquid or aerosol cleaners.

HEAT AND FLAMES

The receiver should not be placed near to naked flames or sources of intense heat, such as an electric fire. Ensure that no naked flames sources, such as lighted candles, are placed on top of the receiver.

LIGHTNING

Unplug your receiver from the wall socket if there is a storm or lightning, or if it is to be unused for a long time.

REPLACEMENT PARTS

If your receiver needs a replacement part, ensure the person undertaking the repair uses parts which are specified by the manufacturer or have the same specifications as the original part. Other parts may cause a fire, electric shock or other hazards.

BATTERY DISPOSAL

Please ensure that exhausted batteries from the remote control handset are disposed of safely.

SERVICING

Ensure the person who services your receiver is qualified to do so. Do not remove the cover yourself or you could get an electric shock.

APPENDIX B - SPECIFICATION

GENERAL

Size	270 x 170 x32mm
Weight	0.6 kg
Power consumption	8W Max

SYSTEM

Processor	Zoran SupraTV 39152
Flash memory	2Mbyte
SDRAM	16Mbyte
MHEG-5 engine	compliant with ISO/IEC 13522-5 and UKEEngineProfile1
Object carousel support	compliant with ISO/IEC 135818-6 and UK DTT Profile

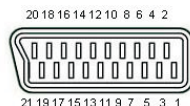
RECEPTION

Frequency range	474~850MHZ
Signal level	-82.3dBm
Transmission standards	DVB-T, MPEG-2
Demodulation	COFDM with 2K/8K FFD mode
FEC	all DVB modes
Video	MP@ML, PAL, 4:3/16:9
Audio	MPEG Layer I & II 32/44.148kHz

CONNECTIONS

UHF aerial input
 UHF aerial loop through
 TV SCART
 Audio

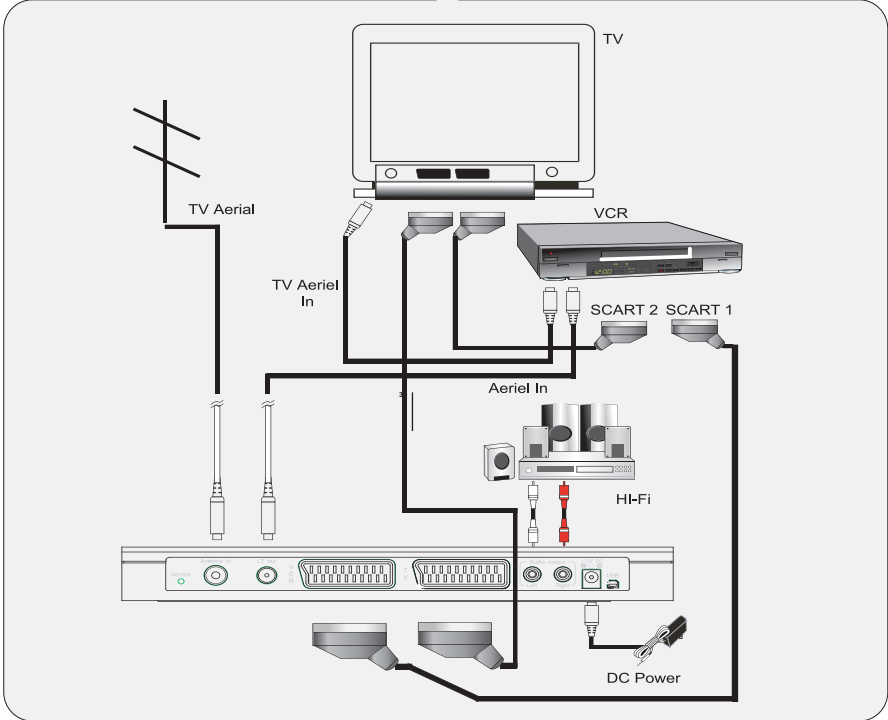
TV SCART



1 Audio right output	12 n/c
2 n/c	13 Ground
3 Audio left output	14 n/c
4 Ground	15 Red output
5 Ground	16 Fast blanking output
6 n/c	17 Ground
7 Blue output	18 Ground
8 Function switching output	19 CVBS output
9 Ground	20 n/c
10 n/c	21 Ground
11 Green output	

APPENDIX C CONNECTING A VCR

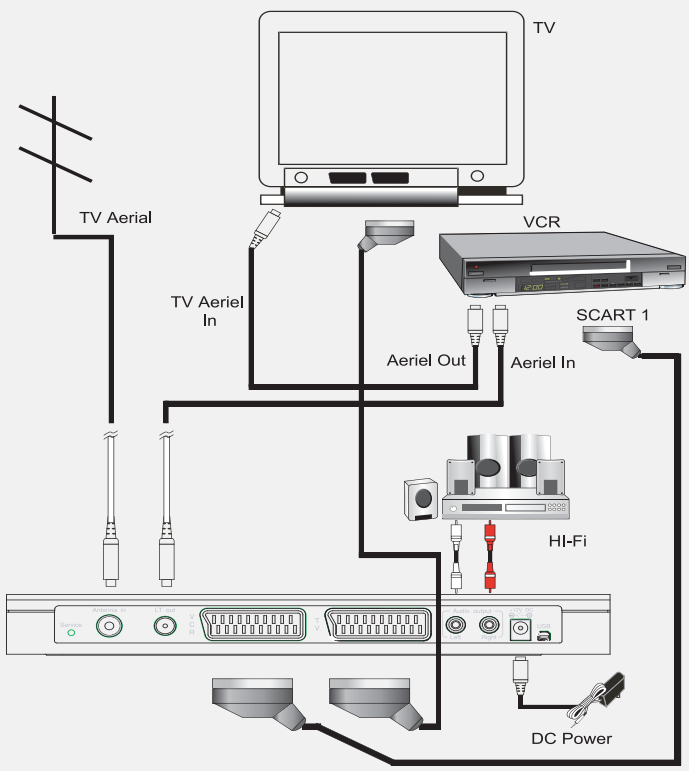
If your TV and VCR both have two scart sockets you can connect as follows. Unplug the aerial lead and connect this to the ANT IN socket on the rear of your receiver. Connect the aerial lead (supplied) from the LT OUT on the receiver to the ANT IN on the rear of the VCR. Then connect an aerial lead from the LT OUT on the VCR to the ANT IN socket on the rear of your TV. Connect a scart lead from the TV SCART socket on the rear of the receiver to the SCART 1 socket on the rear of the TV. Connect a scart lead from the VCR SCART to the SCART 1 on the VCR, and connect a scart lead from the SCART 2 on the VCR to the SCART 2 on the rear of the TV.



You can now record digital terrestrial programmes by selecting SCART 1 on the VCR. The VCR will also be able to record analogue television channels in the usual way. Both live and recorded digital terrestrial television programmes can be viewed on the TV by selecting the TV's AV input. GDB8 should be kept in TV viewing but not VCR viewing all the time in this connection.

APPENDIX C CONNECTING A VCR (continued)

If the VCR has only one SCART socket, you can connect the equipment as follows:



When connecting using this method, press the TV/VCR button to cycle the output from the TV SCART socket between DIGITAL TV output and the input from the VCR SCART socket.

APPENDIX D TROUBLESHOOTING GUIDE

If you experience problems with the GDB8 receiver or its installation, in the first instance please read carefully the relevant sections of this user guide and this troubleshooting section. If this does not help you solve the problem, you can phone the Goodmans help line on 08708730080

Problem	Possible cause	What to do
Standby light not lit	DC adaptor unplugged	Check DC power
No signal found	Aerial is disconnected	Check aerial lead
	Aerial is damaged/misaligned	Check aerial
	Out of digital signal area	Check with dealer
No picture or sound	Tuned to digital teletext channel	Retune to another channel
Scrambled channel message	Channel is scrambled	Select alternative channel
No response to remote control	Receiver off	Plug in and turn on receive
	Handset not aimed correctly	Aim handset at front panel
	Front panel obstructed	Check for obstruction
	Handset batteries exhausted	Replace handset batteries
Forgotten channel lock code		Re-install channels to cancel channel lock
Forgotten menu lock code		Contact help line
The remote control will not operate your GDB 8 receiver	(1)The batteries in your remote control need replacing	(1)Replace the batteries
	(2)There is an obstruction blocking the signal path between the remote control and the receiver	(2)There is an obstruction blocking the signal path between the remote control and the receiver
After moving the GDB8 receiver to another room you find you are no longer able to receive the digital	The aerial feed former new point may come through a distribution system which may reduce the digital signal now received by the GDB8 receiver	Try a direct feed from the antenna