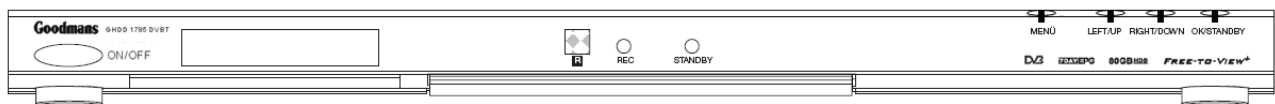


# Goodmans

## GHDD1785DVBT

### Twin Freeview Tuner Digital Tapeless Video Recorder

## User Guide



## IMPORTANT SAFEGUARDS

### PRE FITTED MAINS PLUGS

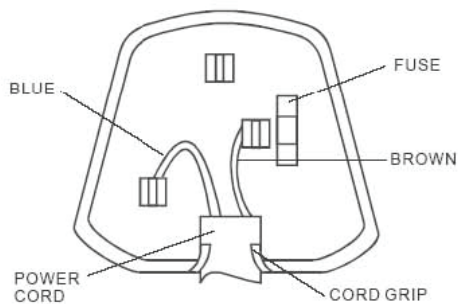
For your convenience a mains plug has been fitted to this appliance. For your safety please observe the following information.

1. Should the fuse in the plug fail remove the plug from the wall socket and replace the fuse with a 3 Amp ASTA approved to BS 1362 fuse.
2. Never use the plug without the fuse cover fitted. Replacement fuse covers are available from your dealer or most electrical retail outlets.
3. If the mains plug is cut off the cable, rewire the replacement plug in accordance with instruction give in this manual.
4. CAUTION: Under no circumstances should the discarded plug be inserted into the mains socket. To prevent a shock hazard carefully dispose of the discarded plug. Do not leave the plug lying around where children might see it.

WARNING: To prevent fire or shock hazard do not expose this unit to rain or moisture.

CAUTION: DANGEROUS VOLTAGES EXIST INSIDE THIS UNIT. DO NOT REMOVE COVER (OR BACK).

NO USER SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. DISCONNECT FROM MAINS SUPPLY WHEN NOT IN USE.



This wires in this mains lead are coloured in accordance with the following wiring codes:

Blue.....Neutral  
Brown.....Live

This wires in this mains lead must be connected to the terminals in the plug as follows:

Blue Wire.....N or Black  
Brown Wire.....L or Red

Only a 3 Amp fuse should be fitted in the plug or a 5 Amp fuse at the distribution board.

WARNING: UNDER NO CIRCUMSTANCES MUST THE LIVE OR NEUTRAL WIRES BE CONNECTED TO THE EARTH TERMINAL IN A 3- PIN MAINS PLUG.



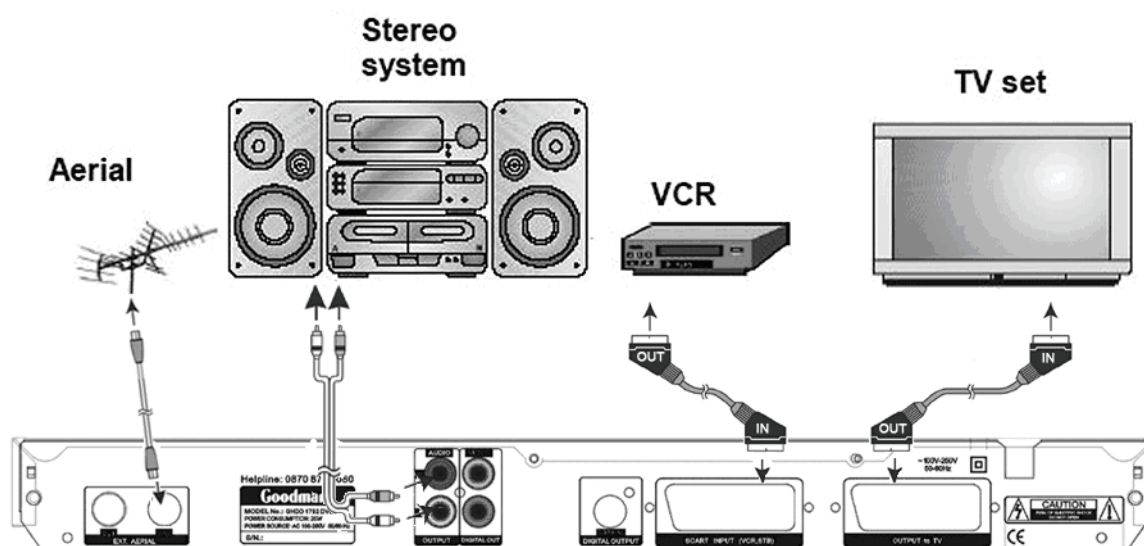
This symbol means that this unit is double insulated. An earth connection is not required.

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## Quick Guide

### Connecting to a TV set



## Introduction

Thank you for purchasing this product which has been designed and manufactured to give you many years of trouble-free service. Before use please ensure that you have read all of the following instructions.

### About This User Guide

This user guide contains all the information you need to know about how to setup, watch and record available 'Freeview' channels using your PVR.

### What is Freeview?

It is the new, free digital service currently providing up to 30 free digital TV channels, over 20 digital radio stations plus a whole new world of interactive services. It's broadcast from transmitters and received via a rooftop aerial.

It works like traditional TV, but because the signals are Digital you need a set top box to convert them. This means more channels can be transmitted with extra features such as interactivity and widescreen pictures.

### Safety is Important

To ensure your safety and the safety of others, please ensure you read the Safety Instructions before you operate this product.

- *Keep this information in a safe place for future reference.*

### Safety Considerations

Position the cables so that they cannot be walked on or pinched by items placed on or against them.

- Do not use the PVR in humid or damp conditions (for example in a bathroom or kitchen).
- Do not allow the PVR to get wet.
- Do not expose the PVR to dripping or splashing.
- Do not place water filled objects such as vases on top of the PVR.
- Do not place naked flame sources, such as candles, on top of the PVR.
- Always ensure the PVR is positioned so that there is space around the PVR to allow ventilation.

### Cleaning

- ALWAYS unplug the PVR before you clean it.
- Do not use liquid or aerosol cleaners.
- Clean the PVR with a soft, damp (not wet) cloth.

### Servicing

- There are no user serviceable parts in this PVR.
- When servicing, refer to qualified service personnel.
- Consult your dealer if you are ever in doubt about the installation, operation or safety of this PVR.

---

### Electrical Information

• **Read these electrical safety instructions carefully before connecting the adapter to the mains supply.**

- This PVR is supplied with an internal mains adapter. There are no user serviceable parts inside and it does not require any electrical adjustments.
- This PVR is designed to operate on 230V AC 50Hz supply only. Connecting it to any other power sources may damage the PVR.
- The PVR is designed for indoor use only.
- If the plug attached to the PVR is not suitable for your socket, or becomes damaged please replace the plug following the wiring instructions given on the first page.
- Periodically inspect the mains cable for damage. Do not use if faults or damage are found. Refer to qualified personnel.
- Your PVR, as with any electronic equipment, consumes power. In order to reduce power consumption, please switch the PVR to standby when not in use. If you will not be using the PVR for a long period of time, we recommend unplugging it from the mains outlet.



This symbol indicates that the PVR is double insulated and does not require an earth connection.



This symbol indicates that the PVR is for indoor use only.



This symbol indicates that the PVR conforms to CE regulations.

---

### Environmental Markings



The “Batteries marking symbol” means used batteries must not be disposed together with your household waste. Please, inquire about the local regulations regarding disposal of used batteries. For information: the batteries supplied with your receiver remote do not contain hazardous substances such as Mercury, Cadmium, or Lead.



The “Material recyclability symbol” means the package cardboard or user manual paper is recyclable.



The “Green dot” affixed on cardboard means that this PVR contains a large number of materials that can be recycled. If you are disposing of an old product, please take it to a recycling center.

### Getting Started

Remove your PVR carefully from the box, and remove the packaging from each part.

#### *In the box*

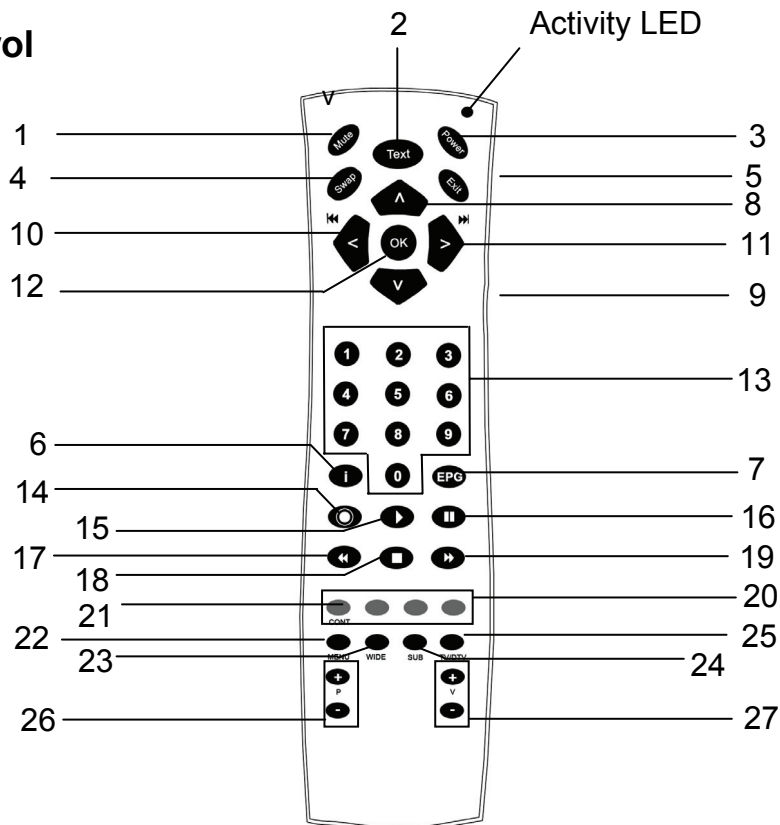
You will find the following items:

- PVR
- Remote Control (AAA batteries)
- SCART-to-SCART cable  
(for PVR to SCART input connector on TV set)
- User Guide (This publication)

If any of these items are damaged or missing, please contact the place where the PVR was purchased.

#### *Identification of Parts*

##### Remote Control



### Explanation of keys

1	Mute	Mute/Unmute audio output
2	Text	Display/Exit Digital teletext (when available)
3	Power	Turn PVR ON/OFF (standby)
4	Swap	Switch between two most recently viewed channels
5	Exit	Exit the current menu
6	i	Display information about the current menu (when available)/Show the I-bar/record I-bar
7	EPG	Display the electronic programme guide
8	UP	Select Next Channel/Navigate up through menus
9	Down	Select previous channel/Navigate down through menus
10	Left	During playback, skip 2 minutes backwards/Navigate left through menus
11	Right	During playback, skip 2 minutes forward/Navigate right through menus
12	OK	Confirm selection
13	Numerical keys	Direct channel entry
14	Record	Begin recording the current channel. Press repeatedly to set record duration/ Whilst viewing the EPG set a timer to record the currently highlighted programme
15	Play	Display the previous recording list/ Commence playback
16	Pause	Pause playback / Enter timeshift mode (for details see page 22)
17	Rewind	Search backwards (rewind) at high speed
18	Stop	Stop playback / recording
19	Fast Forward	Search forwards (fast forward) at high speed
20	Colour Keys	Various functions depending on the current menu (please see the on screen display for details)
21	Red	Display digital teletext (when available)
22	Menu	Display on screen menu/change between EPGs
23	Wide	Change screen format 4:3 or 16:9 depending on the TV Type setting in the configuration menu
24	Sub	Turn subtitles ON or OFF (when available for current programme)
25	TV/DTV	Switch between Digital TV and VCR loopthrough
26	Programme Keys	Select next/previous channel
27	Volume Keys	Change audio volume



### Using the Remote Control

To use the remote control, point it towards the front of the PVR.

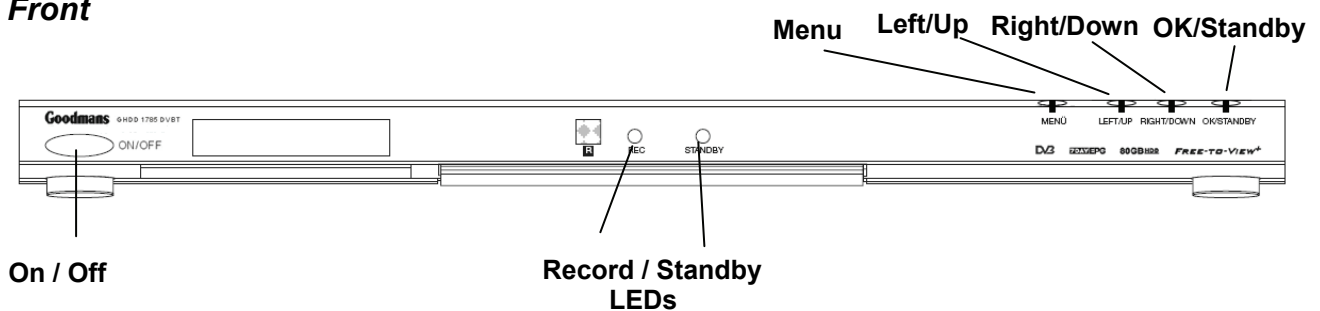
The remote control has a range of up to 7 metres from the PVR at an angle of up to 60 degrees.

The remote control will not operate if its path is blocked.

- **Sunlight or very bright light will decrease the sensitivity of the remote control.**

## PVR

### Front

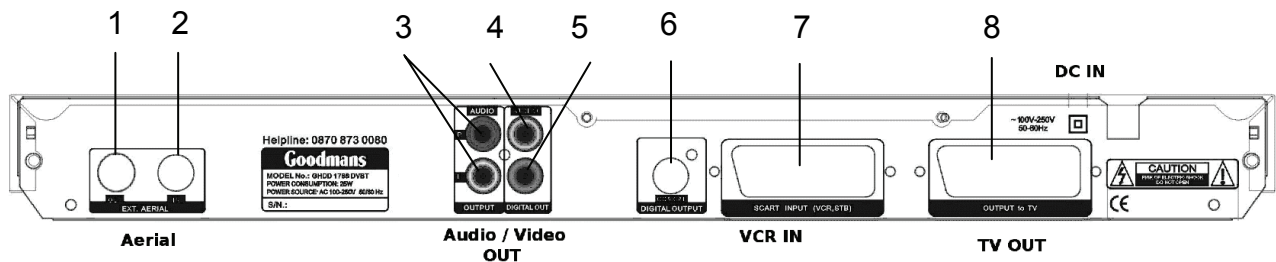


### Control keys:

The following front panel keys can be used in the same way as the corresponding keys on the remote control unit. The last four keys' functions change what is shown on screen:

On / Off	Switches the PVR on or off
Menu	Open / close OSD menu
Left / Up	Press once to move the cursor up when viewing a menu / press while holding down the menu button to use a left cursor key with a menu option highlighted.
Right / Down	Press once to move the cursor down when viewing a menu / press while holding down the menu button to use a right cursor key with a menu option highlighted.
OK / Standby	Press the button briefly to function as OK button, press and hold for several seconds to function as the standby button.

### Back

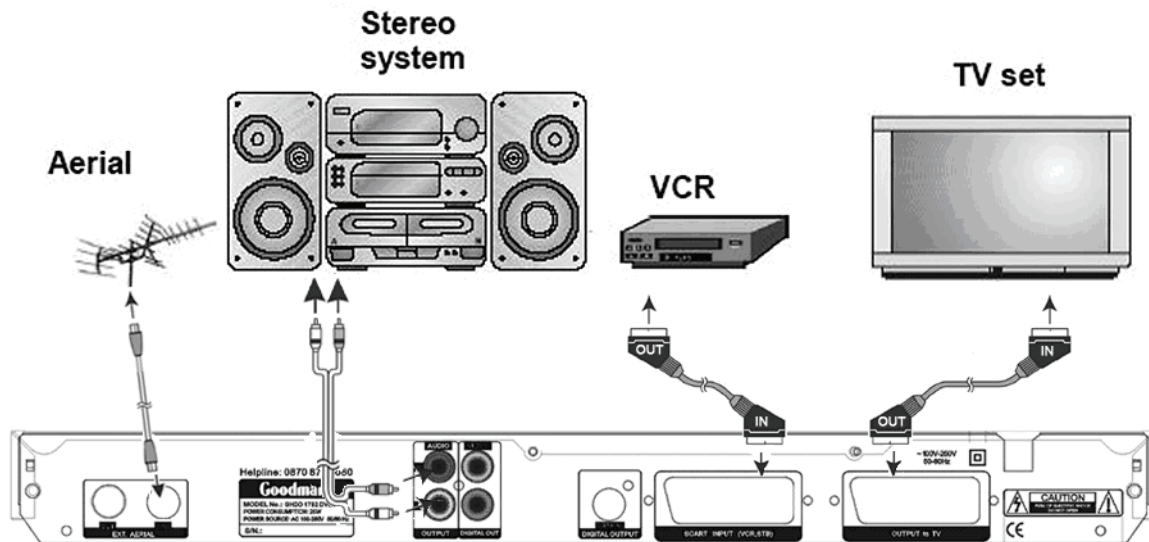


### The PVR features the following connector sockets:

- |                     |  |
|---------------------|--|
| 1 Aerial OUT        | (Coaxial) - connect to your TV set's Aerial IN   |
| 2 Aerial IN         | (Coaxial) - connect to your aerial   |
| 3 Audio OUT         | (RCA phono) - connect to an external audio device (e.g. stereo) via RCA phono cable  |
| 4 Video OUT         | (RCA phono) - connect to an external video device via RCA phono cable  |
| 5 Digital Audio OUT | (RCA phono) - connect to an external audio device (e.g. surround decoder) via RCA phono cable. Please note: at present surround sound is not broadcast on freeview |
| 6 Digital Audio OUT | (Coaxial) - connect to an external audio device via coaxial cable  |
| 7 VCR SCART         | (SCART) - connect to VCR / DVD Recorder  |
| 8 TV SCART          | (SCART) - connect to your TV set   |

### Connecting your PVR

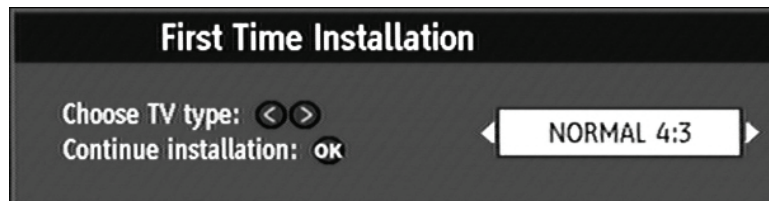
The following diagram shows typical configurations only, and may differ slightly to your existing external equipment. If you are unsure on how to connect to your PVR, always consult your manufacturer's user guide supplied with your equipment.



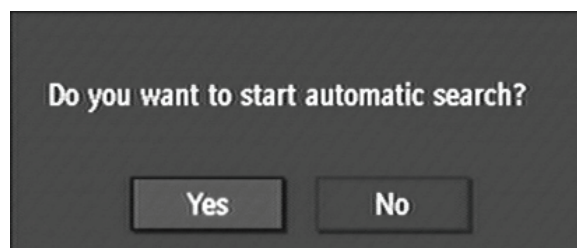
### First Time Installation

Connect any equipment according to the appropriate system diagram given on the previous page and power up/turn on the equipment by pressing the power button on the left side of the PVR. Depending on your TV set the AV channel may have to be selected in order to see the PVR programme (for further information consult the instruction manual that is supplied with your TV).

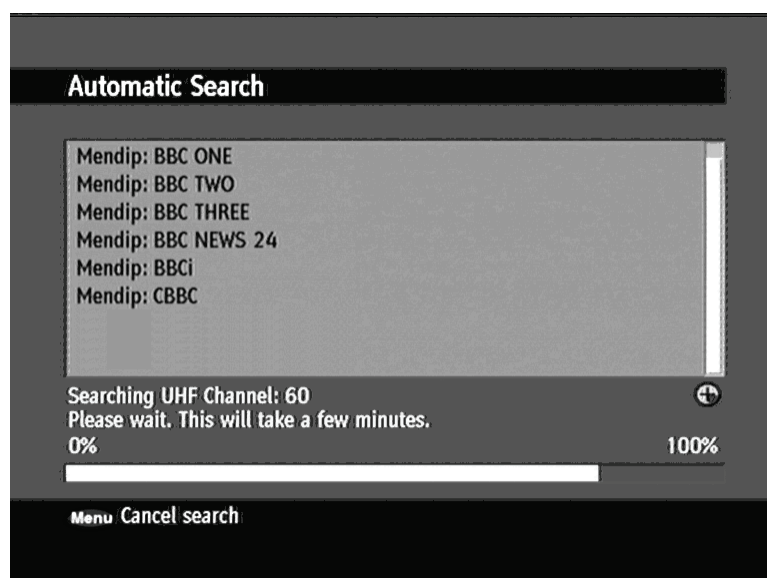
The First Time Installation dialogue will be shown on the screen.



Use the left / right arrow keys on the remote control to select the type of TV connected to the PVR and press OK confirm the setting.



The PVR will then ask you to start an automatic channel search, which will check for available channels and update the channel list accordingly. Press OK to start the automatic search.



After the search has been completed, the PVR will switch to the first available channel. If no channels have been found, please refer to the troubleshooting section of this user guide.

### Using the PVR

The PVR comes with an easy to use on screen display (OSD) which allows you to access all the PVR's functions with the remote control.

### *Navigating the OSD*

Most of the OSD functions are controlled by the following keys on the remote control:

Up/Down arrow keys	Move one item up or down Move one channel up or down
Left/Right arrow keys	Move one item left or right Change the setting of a configurable item
OK key	Confirm the current action
Exit key	Abort the current action Close the active OSD window
Colour keys	Functions differ depending on the current OSD window, please see the I-Bar at the bottom of the screen for details
i-key	Show help guide for OSD (where available)
Number keys	Switch to a specific channel Enter number values for timers Enter letters for channel and recordings' names as follows:

- 1- abc
- 2- def
- 3- ghi
- 4- jkl
- 5- mno
- 6- pqr
- 7- stu
- 8- vwx
- 9- yz
- 0- + - \* / !

### ***MHEG – digital text service***

The PVR offers you a special MHEG5 information service (Digital Teletext) which allows access to news and weather updates and other informational content at the touch of one button. When the press red icon is shown on screen press the red colour key to access this service.



Use the arrow and colour keys to navigate through the service.



### ***Changing channels***

There are several ways to change channels:

1. Use the up/down arrow keys or the P + / - keys to advance one channel up or down
2. Enter a channel number with the number keys. Each number can be composed of up to 3 digits.
3. Use the Swap key to change back and forth between the current and the most recently viewed channel.



### ***I-Bar / Record I-Bar***

The I-Bar displays information about the current programme whenever another channel is selected. Press the **i** key to show the I-Bar at any time.

The I-Bar shows the channel name, its number in the channel list, the type of channel which is currently tuned in (TV, radio or text) and the current time. It also displays a horizontal bar indicating signal strength as well as the title and schedule for the current and following event. Pressing the yellow or blue colour keys displays a detailed description for the events. This event information may not be provided by every channel.



If a recording is being made the **i** key will also display the record/playback I-Bar additionally at the top of the screen, showing you a progress bar and a time display for the current recording as well as the Channel name being recorded and event information .



## Channel list

The channel list provides management functions for the channels found during a channel search. It is designed in a way that allows the currently select channel to be watched while making adjustments.

Access the channel list by pressing OK key or press the menu key and select **Channel list** from the main menu.



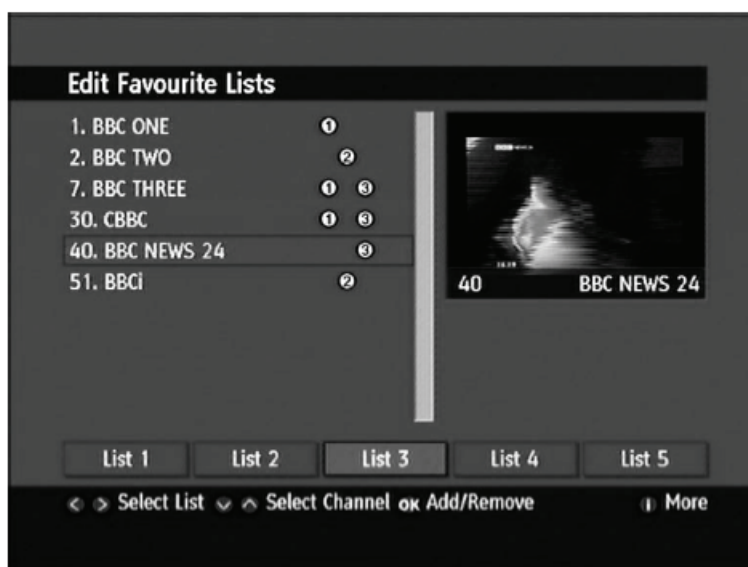
The channel list can be used for:

- Switch to a different channel by selecting it with the Up/Down arrow keys and pressing OK
- Delete a channel from the list by selecting it and then choosing **Delete** from the function tabs at the bottom of the OSD window by using the Left/Right arrow keys. Press OK to delete the channel.  
If you delete a channel by accident, perform a channel search to add it to the list again.
- Edit a channel name by selecting it and then choosing **Edit Name** from the function tabs using the left/right cursor keys. Press OK to open the editing window. Use the left/right cursor keys to select the letter to be changed. Use the up/down cursor keys or the numerical keys to change the letter.  
Press OK to store the entered name.
- Lock a channel in order to prevent persons without the correct PIN code from watching that channel. Select the channel and choose **Lock** from the function tabs using left/right cursor keys. Press OK to lock the channel. Enter the PIN using the number keys if requested and press OK to confirm.
- Switch to the favourite lists setup by selecting **Favourites** from the function tabs using left/right cursor keys and pressing OK.
- Press the SWAP key to change between channel list and favourite lists



## Favourites

The favourites function allows the channels to be organised in up to 5 different lists which can then be accessed whenever you switch a channel. Up to five channel lists can be set allowing for different channels for different members of the family.



The favourites screen can also be accessed by pressing the menu key and selecting **Favourites** from the menu.

1. Select one of the favourite channels to be added by using the up/down arrow keys and select the favourite list to add the channel to and press OK.
2. A small number appears to the right of the channel name to indicate it has been added to a favourites list. The active list can be changed using the left and right keys.
3. Remove a channel from the list by selecting it and pressing OK again.
4. Once your list is complete, close the OSD window by pressing Exit.
5. Now press the Menu key to bring up the OSD menu.
6. Select **Settings** and then **Configuration** in order to bring up the configuration screen.
7. Select the item **Favourite Mode** and use the left/right arrow keys to change the setting to the list number that has been created. (Change the setting to **off** in order to deactivate the favourites list and view all channels.) Press OK to confirm the setting.
8. Exit the OSD menu by pressing the Exit or Menu key.
9. Now when using the P +/- keys or the up/down arrow keys in order to change the channel, only the channels in the selected favourites list will be available.

Channels that belong to more than one list will be marked by several numbers next to the channel name. To access the full range of channels again, just enter the OSD menu again and turn off the favourites list (Step 7), they can also be accessed directly using the numerical keys (this however will not disable the favourites list select and the next time the P +/- buttons are used only those in the favourites list will be shown).

## Guides (EPG)

The PVR comes with 2 fully featured electronic programme guides (EPG) to give you immediate access to all the programmes without the need for an old fashioned printed TV guide.

The EPGs can be accessed by pressing the EPG key on the remote. This will open the list schedule EPG by default. Pressing the menu key changes to the now and next EPG type. The default EPG guide (the one displayed when the EPG button is first pressed) can be set in the settings menu (see chapter **Settings**). It is also possible to access each EPG from the main menu by pressing the menu key and selecting **EPG**.

## List Schedule

The list schedule provides information about events on every channel for 7 days week. To access the list schedule simply press the EPG key on your remote.

- Select the required channel using the up/down arrow keys.
- On this guide only the programmes in a specific time period of three hours are shown. This time block can be seen above the programme information. To change the time period use the red and green buttons. The currently showing programme will have the word (NOW) following the title of the programme.
- If the event is on another day, use the Yellow/Blue colour keys to advance one day forward or backward. The currently selected day is shown next to the time period above the programme information.
- A reminder or timer for a future programme can be directly set from this list.
  - Press right to move into the list of programmes.
  - Using up/down move to the required programme of choice and press either OK to set a reminder (a small clock will appear by the programme name) or the RECORD button to request that the program will be recorded (a red dot will appear next to the programme name).
  - Pressing record opens a further menu that allows the details for the timer to be adjusted. Press OK to set the timer (a record symbol will appear by the programme).
  - If you wish to cancel a reminder or recording press the OK or RECORD buttons a second time.
  - Record timers may also be edited from the timer menu. Please see the timer chapter for details.



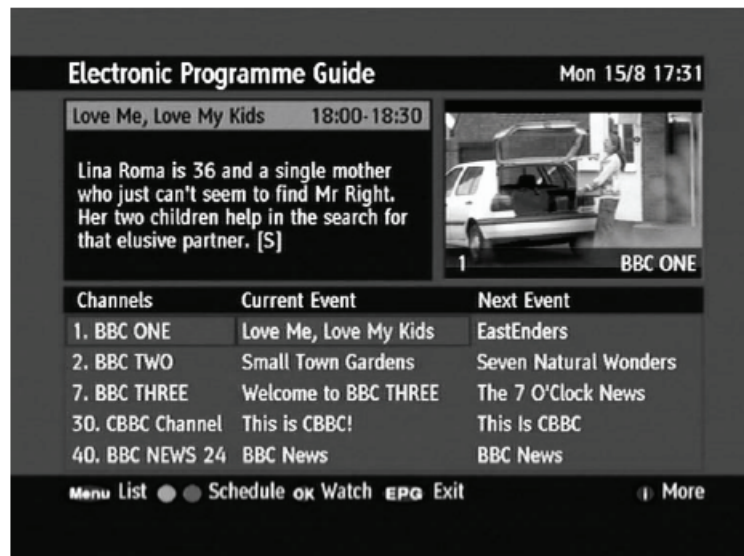
- **Important Note:** Setting a reminder will change the channel that is being viewed and is not recorded. A timer will record the selected programme in the background using the second tuner which then allows you to watch a different programme to that being recorded. The details of the recording can be seen in the record I-bar (during the recording) by pressing the **i** key. During a recording the channel number that second tuner is recording is shown in the display on the front panel to the right of the channel number that is being viewed.

- **Important Note:** If during a programme there is a break for a news update (or similar) the programme information in the guide may be split into two parts which may appear in two separate time periods of the EPG. For example a film may start at 20:00 and finish at 22:00 but at 21:00 there is a news update. In the EPG the film will be shown twice, the first half (20:00 – 21:00) will be in the time period (18:00 – 21:00) and the second half (21:01 – 22:00) will be shown in the following time period (22:00 – 01:00). To record the whole file both parts must be selected for recording. There is a pop-up that will appear if the unit finds another programme with the same name in the guide to warn you that this may be a split programme. However it is not guaranteed that it will find all occurrences.

### Now / Next

The now/next EPG provides information about the current event on the selected channel containing the event's title, running time and a short description. The channel list shows the current and the following event on the channels.

- Use the up/down arrow keys to scroll the list up or down
- A reminder can be set for an event to be watched by selecting the event with the Left/Right/Up/Down cursor keys and pressing OK. A small clock symbol appears to indicate the timer has been set. When the event is about to start, a pop up will appear warning that the PVR will change to the selected event in 30 seconds unless the OK button is pressed.

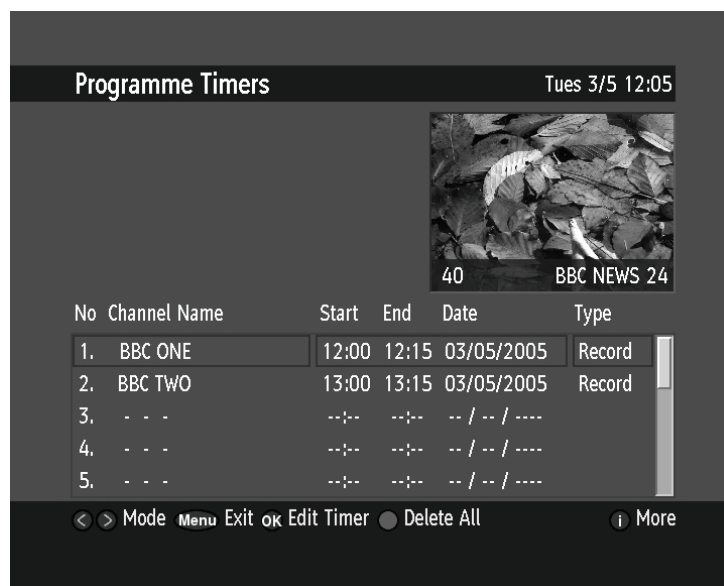


## Timers

The timer feature can be used to set recording timer for a certain channel and time. The recording will start in background, using the second tuner allowing you to continue watching a different programme during the recording, when the start time is achieved. (During the recording the channel number of the recording is shown in the display on the front panel to the right of the channel number being viewed. Also the record I-bar will be shown if the **i-key** is pressed.)

In order to set a timer the following steps are performed:

1. Press menu and select the Timers option.
2. Select a free timer slot using the up/down arrow keys.
3. Press OK to open the timer dialogue window.
4. Select the channel using the left and right cursor button.
5. Select the start time option using the up/down cursor keys. Enter the time to start the timer using the numerical buttons (24 hours format). Repeat to set the end time and the options.
6. Select the mode as follows using the left/right cursor keys.
  - Once – Create a timer for a single event
  - Daily – Create a daily repeating timer at the specified time
  - Weekly – Create a repeating timer that activates at the specified time on the same weekday
8. A password can also be set for the timer in case the event is on a locked channel.  
Enter the PIN into the password field.



To delete all timer entries press the blue key.

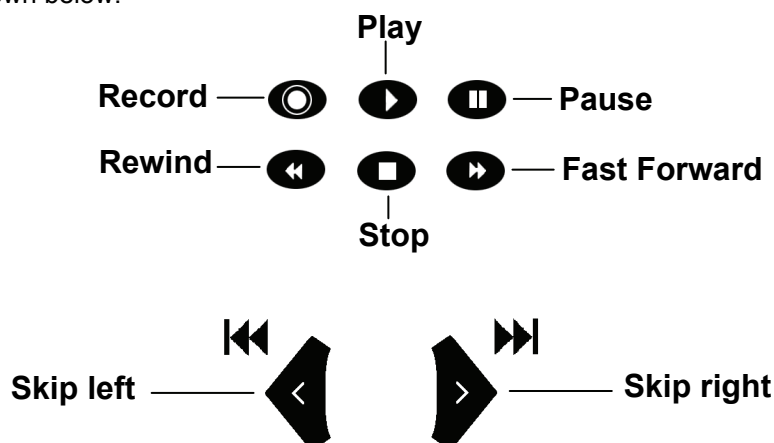
To delete a single timer entry navigate with the up and down cursor keys to the chosen timer and press the left cursor key.

## Recording & Playback

An important feature of your PVR is the record and playback function. The internal hard drive can store up to 30 hours of digital TV broadcast (depending on the data rate of the recorded programme, which is set automatically by the broadcaster).

Because your PVR has a Twin Tuner you can record one event and watch another programme at the same time. It is also possible to playback a recording during an active recording. Please note it is **not** possible to record two channels at the same time.

The PVR record and playback functions are very similar to those of a VCR. The buttons used for playback and recording are shown below.



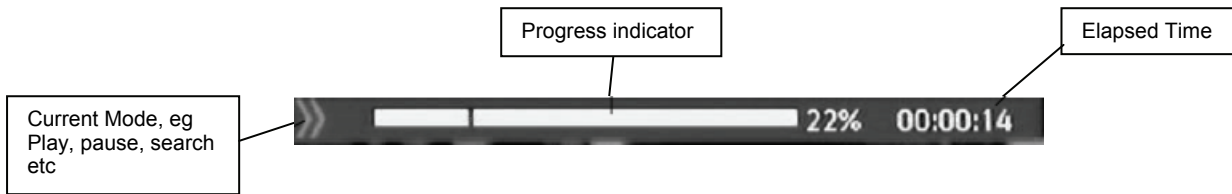
### Record Mode

- The record key starts recording the programme on the current channel being viewed.  
If you press the record button again then it is possible to enter the record duration. The PVR will continue recording until the set duration expires.
- The stop key stops the recording.
- Once the record button is pressed the second tuner is then set to record the channel that was being viewed when the button was pressed (the channel number being recorded will be shown in the display on the front panel to the right of the channel being viewed and also the record I-Bar will be shown when the **i-key** is shown). The main tuner can then be controlled as normal and the second tuner will continue to record, in the background, on the channel selected when the record button was pressed allowing you to watch a different channel to the one being recorded.

### Playback Mode

- The playback key opens the **Recordings list** screen where a previously recorded event can be selected for playback. (See the chapter Recordings list for detailed information)
- The stop key stops playback.
- To pause the playback press the pause key.
- Once the playback is paused, advance the recording one frame at a time by repeatedly pressing the pause key.
- Pressing fast forward in pause mode activates slow motion playback. Repeatedly pressing the fast forward key cycles through 1/8x, 1/4x and 1/2x slow motion speeds.
- During normal playback, skip forwards or backwards two minutes by pressing either the right or left cursor buttons respectively.
- The rewind and fast forward keys can be used to navigate during playback. Pressing either key repeatedly will change the rewind / forward speed. Please note the OSD symbols indicating whatever function is active during playback.

When you press the i-button during playback and recording, the I-Bar will be displayed in the upper part of the TV screen as shown below.



The yellow part of the bar represents the recorded portion of the programme and the small red bar is the current position within that recording. The elapsed time is also shown.

### Timeshift

Timeshift can be used as follows:

There is an interruption while watching TV. Maybe the telephone rings or somebody is at the door. Timeshift can be used to effectively pause the current TV event and continue watching after the interruption has been dealt with.

- Press the pause key. The image freezes and the green pause symbol indicates that the pause function is active. The record/playback I-bar's time display uses negative numbers to indicate that the actual broadcast is ahead of the current position.
- Press play to resume watching the programme. The fast forward and rewind keys can also be used to move forward or backward in the part of the programme that has been recording during timeshift. If the number display reaches 00:00:00, the live TV broadcast has been caught up.

### Recordings list

The recordings list is library of all the records that have been created with the PVR's recording functions. It provides information about every recording, like the date, time and channel it was recorded on, the name of the recorded programme as well as the file size. It also shows if playback has already been started of the selected recording (the "played" counter indicates how much of the record has already been played) and how much free space remains on the PVR's internal hard drive. Please note that the time figure is only an estimate based on average data rates. The actual remaining record time may differ from this value.



The recordings list also provides the following functions:

- Select a recording and press OK to start watching that recording from the beginning.
- Alternatively press the red colour key to continue watching from the position where playback was stopped previously.
- The green colour key can be used to change a recording's name (the default information is the programme name obtained from the guide when the recording started, please note that in some cases this may be the name of the previous programme). Press the green colour key to open the editing window. Each letter of the recording's name can be changed by selecting the letter to be changed using the left/right cursor keys and changing the selected letter using the up/down cursor keys. The letters can also be entered directly using the numerical buttons. The procedure is the same as for changing a channel's name.

Press OK to store the newly entered name.

- To delete a file, simply select the file using the up/down cursor keys and press the yellow coloured key. A pop up will shown asking to confirm this action before the recording is actually deleted.
- To lock a recording press the blue button and then the PIN code if requested. Once locked the PIN code will have to be entered before the recording can be viewed or deleted (please note, first the list screen must be exited before the recording is finally locked). To unlock press the blue button again and enter the PIN number if requested.
- To sort the recording list press the i key. Then the recording list can be sort by Date, Name and Length in ascending or descending order.

### ***Setting the audio volume***

In addition to the volume controls the TV set or stereo, the PVR has its own audio volume setting which can be changed via the remote. Simply press the V +/- keys to adjust the volume. Press the mute key to turn the audio off completely. Press it again to restore the volume to the previous level.

The current audio volume level is indicated by the volume bar.





### Configuration

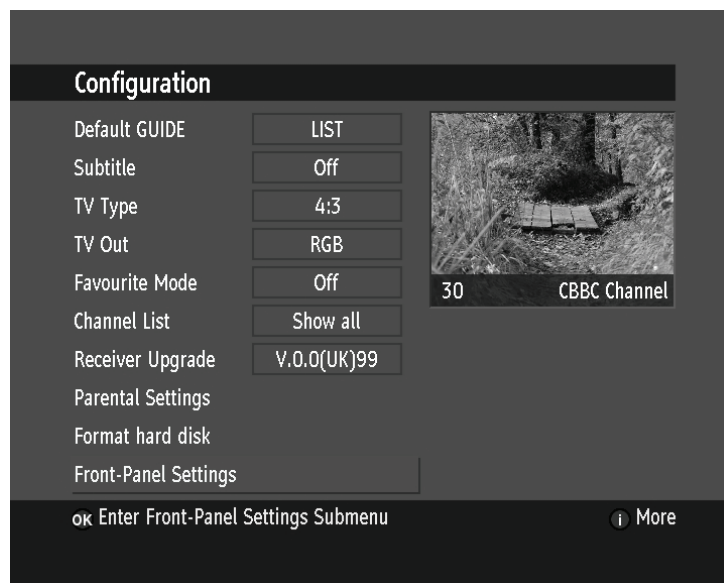
The PVR offers a lot of functions that can be configured to suit your personal preferences. In order to access the configuration menu, press the menu key on the remote control.



Select the settings menu using the up/down cursor keys and press OK. This opens the setting menu.

### Settings

Select Configuration from the menu using the up/down cursor keys and press OK. This opens up the following menu.



In order to change a setting, use the cursor keys up / down to select it and left / right to change its value. See below for a list of all possible settings:



## GHDD1785DVBT User Guide

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Default Guide: List, Timeline, Now / Next

Sets the default EPG that is shown after pressing the EPG key on the remote.

Subtitle: Off, On

Turn the display of subtitles for a programme off or on (note subtitles will only be displayed if the programme is broadcasted with subtitles).

TV Type: 4:3, 16:9

Set to the type of TV set that is connected to the PVR. Select 4:3 for a normal TV or 16:9 for a widescreen TV.

TV Out: RGB, CVBS

Set the output signal for the PVR's SCART sockets. RGB normally gives a better picture, however some TVs (especially older ones) cannot display RGB pictures. If this is the case select CVBS. Please check with the instruction manual for the connected TV to see if it can display RGB signals.

Favourite Mode: Off, List 1, List 2, List 3, List 4, List 5

Set to the favourites list to be used or set to off to use the full channel list. (See chapter **Favourites** for details.)

Channel list: Show all, TV only, Radio only, Text only

Limit the channels available in the channel list to the selected type.

Format hard disk:

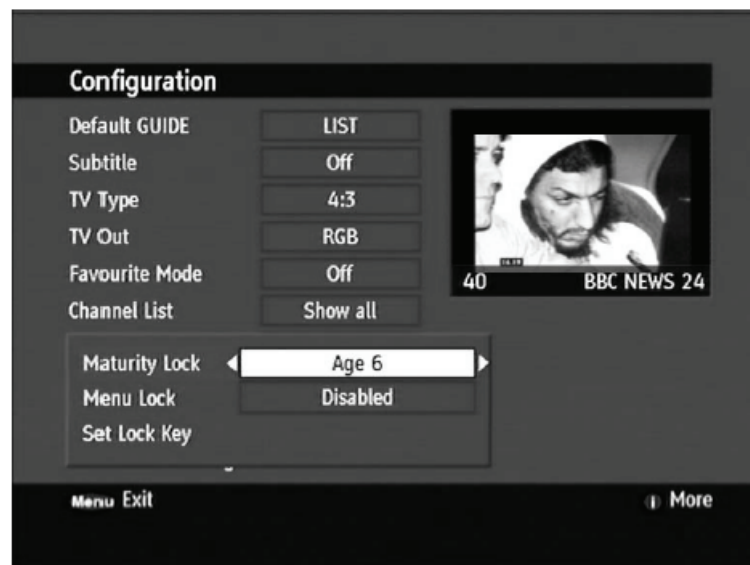
Formatting the hard disk deletes all the data stored on it, including all of the recordings. After formatting the PVR will automatically restart.

### Parental settings

The parental settings can be accessed from the configuration menu.

Maturity lock: Off, Age 4, ... , Age 18, Parental approval (FRA), Universal viewing (FRA), X-rated (EST)

Setting the maturity lock to any setting besides Off will prevent the viewing of any programme which matches or is higher than the selected age or programme rating. Switching to such a programme will only be possible after entering the PIN code. Please note that this maturity lock depends on the information that is broadcast. If no age or rating is broadcast the unit will display all channels, it is therefore recommended that to completely protect the box that channels are locked using the channel list (please see channel list section for details). This is normal and not a fault with the unit.



Menu lock: Disabled, Installation, Main Menu

Entering the device PIN is necessary to access the installation part of the menu, or the entire main menu, depending on the setting.

Set Lock Key: Use this setting to change the device PIN. Enter a four digit PIN and confirm by repeating it in the second field. The current PIN may have to be entered first in order to access this setting. The default setting for the PIN code is 0000.

### ***Front panel settings***

The front panel settings can be accessed from the configuration menu.



Normal Brightness: 0, ..., 7

Display brightness when the PVR is powered on

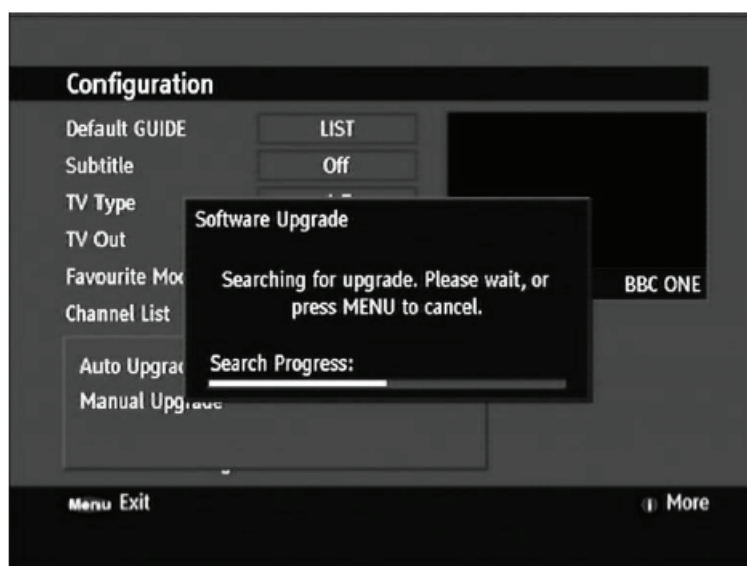
Standby Brightness: 0, ..., 7

Display brightness when the PVR is in standby mode

### ***Receiver upgrade***

The PVR comes with a special feature that allows the PVR to be updated using software that is broadcast over the air and received via the aerial (when the software is available).

1. Open the main menu by pressing the menu key.
2. Select Settings using the up/down cursor keys and press OK.
3. In the Settings menu select configuration using the up/down cursor keys and press OK.
4. In the Configuration menu select Receiver upgrade and press OK.
5. In the Receiver upgrade, sub-menu select Manual Upgrade using the up/down cursor keys and press OK.



The PVR will then search for available software upgrades. To cancel the process at any time press the menu key.

If a new software version is found, a pop up will be shown asking whether or not you would like to download the update.

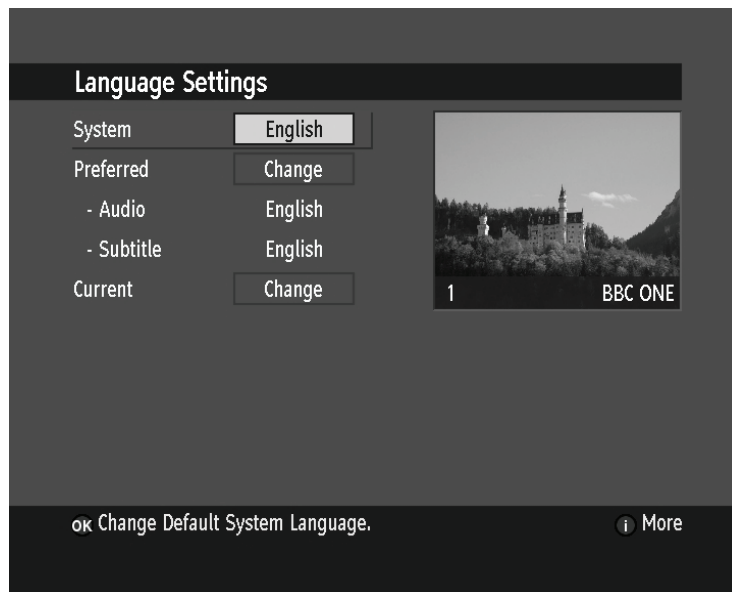
#### **Note:**

In order to make full use of the product's capabilities we recommend to perform regular updates. The PVR will automatically check for updates every night at 03:00am and offer to install new software when it is switched on the next time. This procedure requires the PVR to be in standby mode and connected to the mains outlet.

For switching off auto upgrade mode please enter the main menu, select settings and press OK. Now enter the Configuration menu. Use up and down arrow keys to select the Receiver Upgrade function and press OK. Select Auto upgrade option and then press Right/Left to turn off auto upgrade.

## Language

To access the language settings, select Language from the Settings menu.



System: English

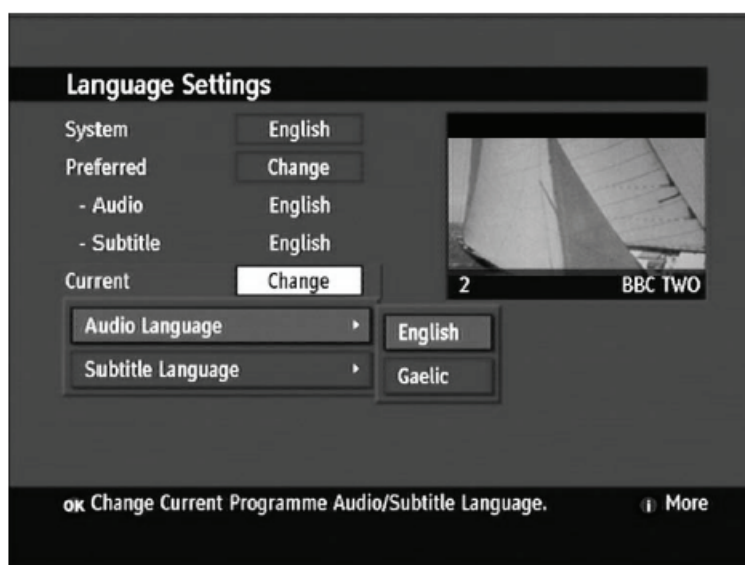
The system language is fixed to English

Preferred: English, German, French, Italian, Spanish, Welsh, Gaelic

Sets the preferred language for audio and subtitles. If a programme offers this language, it will be automatically used.

Current: English, Welsh (if available), Gaelic (if available)

Sets the language for the current programme without changing the preferred language.



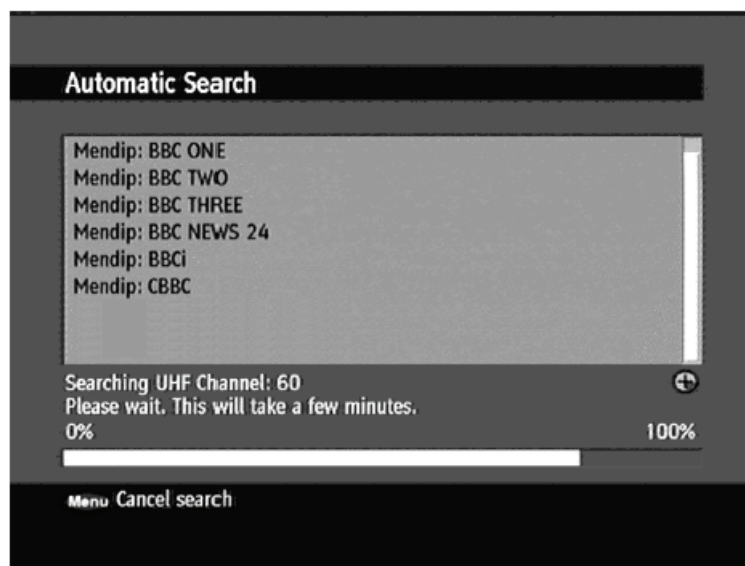
### **Installation**

The installation menu provides two different channel searches as well as the First Time Installation feature. In order to access it, press the menu key then select settings using the up/down cursor keys and press OK. From the submenu select Installation using the up/down cursor keys and press OK.

For a description of the First Time Installation process see page 11. Please note that performing a First Time Installation will delete your channel list and reset every menu setting to its factory default.

### **Automatic search**

We recommend using the automatic search if several channels in your channel list are no longer being broadcast or if more than one or two new channels have become available. The automatic search will create a new channel list out of all available channels and replace the previous channel list. As it searches every available channel, the process may take several minutes to complete.

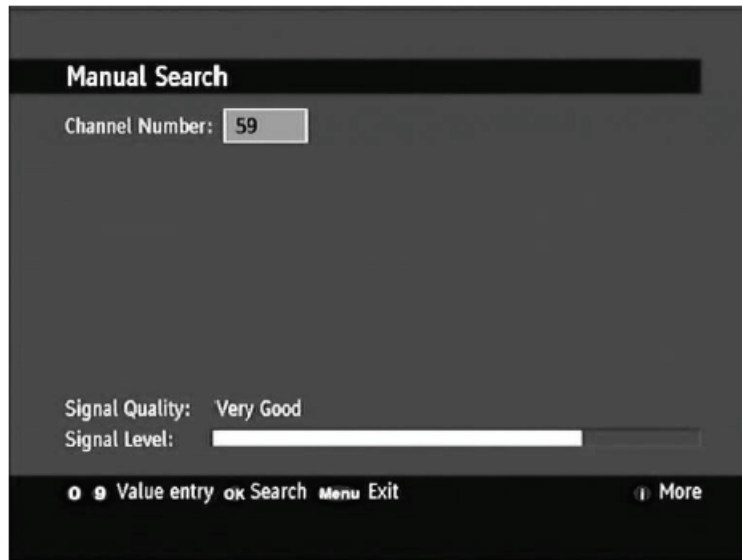


The progress bar at the bottom shows how much of the search has already been completed. Press the menu button to cancel the search for new channels.

### **Manual search**

The manual search is quicker as the channel number for the multiplex has to be specified and therefore the PVR only has to tune into the one channel to find stations. However the channel numbers must be known before attempting this method and therefore this is only designed for more advanced users.

Use the number keys to enter a channel number and press OK to start the search. The manual search can also be aborted by pressing the menu key. On this page there are also signal guides that can be used to tell how good the reception is for the selected channel. The signal level will show how strong the reception is for the selected channel number. The signal quality will show how good the reception of the digital signal is.



## Troubleshooting

### Attention!

Please avoid unnecessary risks.

Never attempt to repair a defective – or seemingly defective – device on your own. Repairs should only be performed by a specialised repair facility or an equally qualified specialist.

Any electronic device is possibly susceptible to errors. However not every error represents a defect. Very often the cause for errors are faulty cables, connector cables/sockets or errors in connecting the device.

The following list should solve more of the common problems that can occur. If the problem is not listed below please contact Goodmans:

Website: [www.goodmans.co.uk](http://www.goodmans.co.uk)



Error	Possible cause	Remedy
Device does not start	Not connected to mains supply	Check mains adaptor and cable
No image, no sound	Not connected to mains supply	Check mains adaptor and cable
	No channels available	Perform automatic channel search (see page 27)
	Lost aerial connection	Check aerial connection
No image or bad reception	SCART connector not fully plugged in	Check SCART connector
	Aerial incorrect	Replace the aerial
	Channel parameters have changed	Perform automatic channel search (see page 27)
No image, audio OK	Channel parameters have changed	Perform automatic channel search (see page 27)
	SCART connector not fully plugged in	Check SCART connector
No reception of channels that were previously available	Channel is no longer broadcast	None
Remote control is not working	Obstacle between remote control and receiver	Remove obstacle
	Flat battery	Replace batteries
Certain stations cannot be received from time to time	Some services are not transmitted 24 hours a day and can sometimes be unavailable. This is not a fault.	
Poor image quality	Wrong TV SCART out signal	Try changing from RGB to CVBS or vice versa (see page 22)
Record time display does not advance	Hard disk not properly recognised	Format hard disk (see chapter <b>Settings</b> )
Recording does not work; front panel display shows "FULL"	No available space on hard disk	Delete recordings to free up space

## Technical Specification

### Basics

- DVB terrestrial Free-To-Air reception
- Twin tuner PVR DTT receiver
- Video and Audio out via 2x SCART
- EPG schedule (7 days) and EPG now/next support
- Integrated 80 GB (Hard Disc Drive)
- Update-Over-Air ability

### Input / Output specification

- 2x SCART out (EN 50049-1):
  - TV SCART out: CVBS, RGB, Audio
  - VCR SCART out: CVBS, Audio
  - VCR SCART in (pass to TV SCART): CVBS, Audio
  - Switching signal: at PIN8 0/6/12 V; at PIN16 0/1-3 V
- Loop-Through of RF signals

### STB mode functionality

- DVB terrestrial TV reception
- Integrated Hard Disk Drive for Recording and Playback support (PVR functionality)
- MHEG support
- Electronic Program Guide (EPG)

### PVR mode functionality

- Time shift recording
- One-Touch-Recording
- Timer programmable by 7 day EPG
- Background Recording in watch mode and playback mode

### Power Supply

- Power supply 230VAC/50Hz
- Operation power consumption: < 16W