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Digital TV Recorder User Guide

This guide is for Single Tuner
and Twin Tuner products



Important care and safety advice

This Digital Recorder has been manufactured to meet international safety standards, but you must take care to operate it safely.

It is important that you read these safety instructions. If you have any doubts about the installation, operation or safety of this Digital Recorder, please contact us.

Electrical warning

- Your Digital Recorder contains a high voltage which is sufficient to cause a dangerous electric shock.
- Never remove the cover. There are no user-serviceable parts inside.
- Only use the power cable supplied (or manufacturer's replacement) with your Digital Recorder.
- Switch off the power supply from the mains wall socket before you connect or disconnect any equipment from the Digital Recorder.
- Never push anything into holes, slots or other openings in the case.

Positioning the Digital Recorder

- The Digital Recorder and cables should be placed so that they are not likely to be walked on or pinched by items placed upon or against them.
- The mains plug must be readily accessible and operable in order to disconnect mains power whenever required.
- Do not expose your Digital Recorder to direct sunlight or to extreme temperatures (above 40°C or below -5°C), high moisture levels or dust.
- Condensation may accumulate on the Digital Recorder if it is subjected to sudden changes in temperature. In this case, allow the Digital Recorder to rest for one hour before use.
- Do not block the ventilation holes of the Digital Recorder.
- Allow at least 10 cm on all sides of the Digital Recorder (including the top, but excluding the base) for ventilation.
- Do not place the Digital Recorder on an unstable surface or on a bed, sofa, rug, or similar surface as this may block air ventilation and cause it to overheat. Never place the Digital Recorder over a radiator or in an unventilated cabinet.
- Do not expose the Digital Recorder to drips or splashes and do not place any objects filled with liquids on the Digital Recorder.

Cleaning

- Always disconnect from the mains supply before cleaning. Wipe with a lint-free cloth. Never use detergents, liquid cleaners or aerosol cleaners.

Unplug when not in use

- When not in use for an extended period, unplug the Digital Recorder from the mains outlet. Do not overload wall outlets and extension adaptors as this can result in a risk of fire or electric shock.

Use only authorised servicing. If the following occur

- Any of the cables or plugs are damaged
- Liquid has spilled onto, or objects have fallen into, the Digital Recorder
- The Digital Recorder has been dropped or the casing damaged
- The Digital Recorder does not operate normally

Carefully unplug the Digital Recorder from the electrical outlet and contact the store where you bought this Digital Recorder. Alternatively, contact our Digital Helpline.

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Welcome

Thank you for buying this Digital TV Recorder.

This product allows you to enjoy Digital TV on any television, and record your favourite programmes at the touch of a button.

This user guide covers both single and twin tuner products.

Please note: twin tuner Digital TV Recorders let you watch one channel while recording another, single tuner versions don't. To eliminate confusion, specific single and twin tuner functionality will be denoted by the following icons.



Your Digital Recorder is simple to install - please follow the installation instructions carefully.

Before you begin, make sure you have easy access to the connectors on your TV and any other connected equipment.

Please take the time to read the safety instructions before setting up your Digital Recorder.

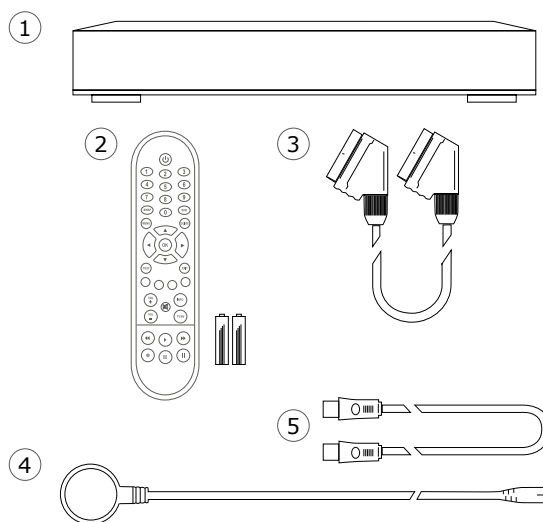
This Digital Recorder has been manufactured to meet international safety standards, but you must take care to operate it safely.

If you have any doubts about the installation, operation or safety of this Digital Recorder, see the Helpline details section towards the rear of this guide.

Package contents

- ① Digital Recorder
- ② Remote control plus two batteries (AAA/LR03)
- ③ SCART cable *
- ④ Power cable
- ⑤ RF (coaxial) cable *

* Not included with some models.



Using this guide:

We hope you find this Digital Recorder easy to set up and use. To make this user guide as clear as possible, we have designed it so that ...

- Instructions that you need to follow are preceded by a bullet point - just like this sentence.

Important information will be in bold text - just like this sentence.

When you have to press a specific button on your remote control, it is written between brackets [like this].

Useful hints and tips are shown in a box like this.

Specific single and twin tuner information will be written in italics - just like this sentence.

If you have any problems with this product, you will find most common solutions towards the back of this guide.

If you have a Pay TV card DO NOT INSERT IT until you have reached the section 'Using your Digital Recorder for the first time' or have finished scanning for channels.*

* Applies only to models with a card slot.

Setting up your Digital Recorder with a SCART cable

You need a free SCART socket on your TV to set up your Digital Recorder.

SCART connections offer the best picture and sound quality. They can also tell your TV when the Digital Recorder is switched on and off and whether widescreen pictures are being broadcast.

Before you begin, make sure you have easy access to the connectors on your TV and any other connected equipment.

1 Unpack the Digital Recorder:

- Unpack the Digital Recorder and check there are no parts missing. Use the Package contents page as a reference.
- Choose a suitable location for the Digital Recorder. Make sure it will have sufficient ventilation and is not exposed to direct sunlight, heat, humidity or water. Make sure you can 'see' it with the remote control.

2 Insert remote control batteries:

- Open the remote control battery compartment - on the underside of the remote control.
- Insert the batteries supplied in the direction indicated inside the compartment.
- Refit the compartment cover.

3 Connect your aerial to the Digital Recorder:

- Make sure your TV is switched off, together with any other equipment you are connecting to.
- Insert the cable from your aerial into the Digital Recorder socket marked 'Aerial'.

4 Connect the SCART cable:

Choose the option below that best suits your TV (and VCR/DVD, if you have one). If you need a longer SCART cable, you can buy one at most TV retailers.

Option 1: connecting to a TV only

- Connect the SCART cable between the 'SCART1: TV' socket on your Digital Recorder's rear panel and your TV's SCART socket.

If you want to watch a terrestrial channel whilst recording a digital channel you should:

- Connect the RF cable between the 'RF, TV, DVD' socket on the Digital Recorder and the RF socket on your TV (where you would normally connect the aerial).

Option 2: connecting to a TV and VCR/DVD

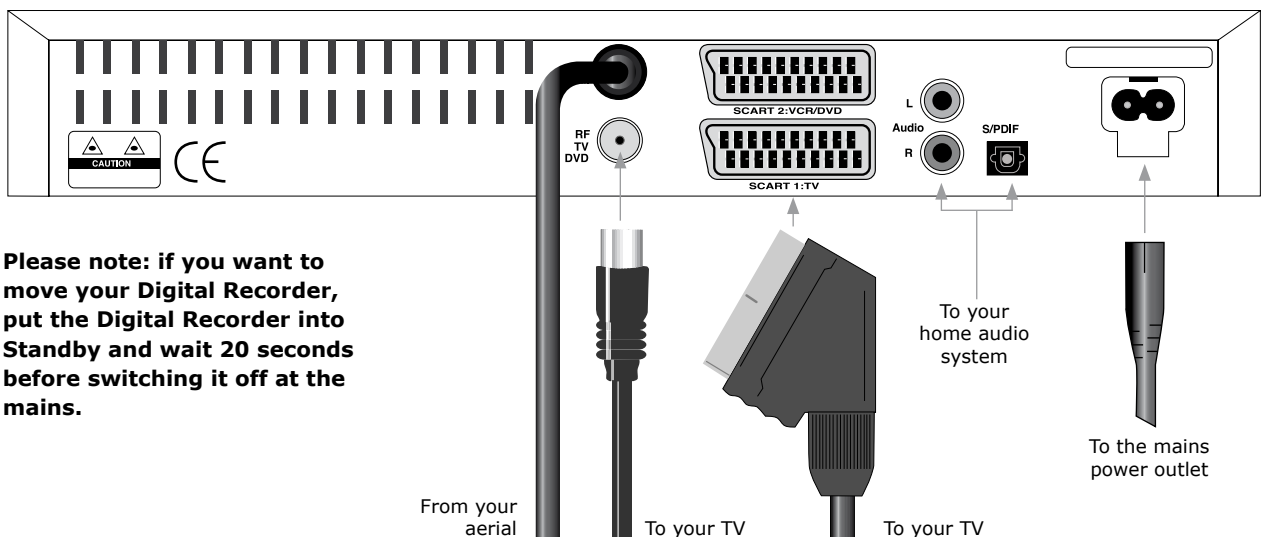
- Connect the SCART cable between the 'SCART1: TV' socket on the back of your Digital Recorder and your TV's SCART socket.
- Connect another SCART cable between the 'SCART2: VCR/DVD' socket on your Digital Recorder and the SCART socket on your VCR/DVD. (Refer to your VCR/DVD user guide if necessary.)

If you want to watch a terrestrial channel whilst you're recording a digital channel you should:

- Connect the RF cable between the 'RF, TV, DVD' socket on the Digital Recorder and the RF input socket on your VCR/DVD. (Refer to your VCR/DVD user guide if necessary.)
- If there isn't already one in place, connect a second RF cable between the RF output on your VCR/DVD and the RF input socket on your TV. (Where you normally connect the aerial.)

5 Connect the power cable:

- Make sure the mains outlet is switched off.
- Insert the power cable into the socket on the Digital Recorder and insert the mains plug into the mains outlet.



Please note: if you want to move your Digital Recorder, put the Digital Recorder into Standby and wait 20 seconds before switching it off at the mains.

Remote control buttons



- ⏻ POWER** Switches the system between standby and power on.
- Numbers 0 to 9** Press these to select a TV channel, then press [OK]. For two or three-digit channels, press the buttons in succession.
- SWAP** Switches between the current and the previously viewed channel.
- SUB(titles)** Opens the Subtitles menu.
- MENU** Opens the Digital Recorder Main Menu.
- GUIDE** Shows the TV Guide, also often called the Electronic Programme Guide (EPG).
- ▲ and ▼ arrows** Moves up/down through the list of channels. Also used to select menu options.
- < and > arrows** (when EPG displayed) moves between Now and Next programme information. Also used to change menu options and to Skip through a recording.
- OK** Confirms choices in menus.
- TEXT** Displays digital Teletext, where available.
- EXIT** Clears on-screen information or closes an open menu.
- Colour Buttons** The red, green, yellow and blue buttons are used when selecting menus, help functions and for interactive and digital text applications.
- VOL +/-** Raises/lowers the audio output of the Digital Recorder.
- 🔇 MUTE** Turns off/on the audio output from the Digital Recorder.
- INFO** Provides additional information about the current programme.
- TV/AV** Swaps between the analogue and digital inputs (where applicable).
- ▶ PLAY** Start playback of a time-shifted or recorded programme, opens recorded programmes list.
- ▶▶ FAST-FORWARD** Forward search through a time-shifted or recorded programme.
- ◀◀ REWIND** Backward search through a time-shifted or recorded programme.
- RECORD** Record current programme.
- STOP** Stop recording or playback.
- || PAUSE** Pause recording or playback.

Using your Digital TV Recorder for the first time

Switch on your TV:

- Switch on your TV and the mains outlet for the Digital Recorder.
- Wait until "--:--" is displayed on the Digital Recorder's display.
- Press [⏻] on your Digital Recorder's remote. The green Power light should light up on the front panel of the Digital Recorder.
- Your TV should switch to the Digital Recorder automatically.
- After approximately 10 seconds, the image below will appear.
- Press [OK] on your Digital Recorder's remote control to begin searching for digital channels.



Typically, the search will take between 2 and 5 minutes, depending on the digital TV service in your area. In some areas, however, it may take a little longer (5 to 7 minutes).

As channels are found, their names are listed on the TV screen.

When the scan has finished, the Digital Recorder will automatically switch to the first channel in the list.

You can now explore and enjoy the channels available on your Digital TV service.

If you have a Pay TV card, please register it before attempting to use it. Then follow the installation instructions supplied with the card.*

* Applies only to models with a card slot.

If you cannot see the picture, refer to the General problem solving section towards the end of this guide.

Using Standby:

When you're not watching TV, you should set your Digital Recorder to Standby.

To do this:

- Press [⏻] to switch between ON (green POWER light on and the channel number displayed) and Standby (green POWER light off and 24 hour clock displayed).

If you plan to leave your Digital Recorder unattended for a long period, put the Digital Recorder into Standby and wait 20 seconds before switching it off at the mains.

Changing channels:

- Press [^] or [v] on your Digital Recorder remote control to 'hop' through the channels.

The [SWAP] button lets you keep an eye on two TV channels by switching between the current channel and the last channel you watched for more than 5 seconds - so you can 'hop' between the two channels.

To choose a particular channel:

- Press one of the buttons [0] to [9], then press [OK].
- To select 2 or 3 digit channels (10 to 999), press the number buttons required in succession, then press [OK].
- If you do not press [OK], the Digital Recorder will change to the selected channel after approximately 1 second.

As well as using the remote control to operate your Digital Recorder, you can also use the buttons on the Digital Recorder's front panel. To use the front panel buttons, press the [MENU] button and follow the on-screen instructions.

Using the Programme Guide

The Programme Guide shows a full list of available channels and programmes for up to 8 days (after 8 days the screen will not show any information).

When you select Programme Guide, the channel you are watching appears as a small inset screen.



To view the Programme Guide:

- Press the [GUIDE] button.
- Press [^] or [v] to scroll through the list of channels.
- To scroll through the programmes press [<] or [>].
- To scroll forwards one day at a time, press [BLUE]. To scroll backwards, press [YELLOW].

To preview another (currently showing) programme in the small inset screen, press [INFO].

To display an active favourites list, press [GREEN].

- To record the selected programme press the RECORD [●] button.
- To view the highlighted programmes, press [OK].
- To exit the Programme Guide without changing channel, press [EXIT], [GUIDE] or the [RED] button.

Press and hold [^] or [v] to page up and page down.

Now and Next information

Now and Next gives you information on the current and next programmes on each channel.

- To open the Now/Next menu press [INFO]. This displays information on the programme showing Now.
- To see information on the programme showing Next, press [>].
- To change the channel you want information for press [^] or [v].
- To watch the highlighted channel press [OK].
- To exit the Now/Next menu without changing channel press [EXIT].



Using the Main Menu

The Main Menu lets you choose and change a wide range of your Digital Recorder's features.

- To access the Main Menu, press [MENU].



The menu options are:

Recorded programmes list - this lets you save, rename, delete or watch your recorded programmes.

Record - this lets you record the current programme or schedule a recording.

Programme Guide - this shows a list of programmes covering 8 days.

Languages - when a programme is broadcast in multiple languages, this lets you choose the language you listen to and on-screen text or subtitles that are displayed.

Favourites - helps you move quickly between your favourite TV channels. You can have up to 10 Favourites lists.

System Setup - this lets you change how programmes are displayed on your TV (widescreen 16:9 or normal 4:3), organise channels, set parental controls and view the software version running on your Digital Recorder. It also lets you set the Skip duration and change the name of recorded programmes.

Recording programmes

Please note: Single Tuner Digital TV Recorders boast many of the features and functions of the Twin Tuner product. There is, however, one important difference:



When recording on a Single Tuner Digital TV Recorder, you can't change to another channel without stopping the recording.



Twin tuner Digital TV Recorders let you watch one channel while recording another. They also let you record two channels simultaneously whilst playing a previous recording.

The hard disk in your Digital Recorder has lots of recording space, and lets you record radio channels as well as TV channels.

There are three different ways to record programmes:

Instant record - you can record the channel you're watching at the touch of a button.

Record using the Programme Guide - you can use the 8-day Programme Guide to quickly choose the programmes you wish to record.

Record using the Recording Scheduler - you can use the Recording Scheduler menu to enter the channel, date and time you wish to record.

Please note: the Digital Recorder will add approximately one minute to the beginning of a recording, and a further five minutes to the end of the recording (unless another recording follows immediately after) in case the programme being recorded starts early or over runs slightly.

What the lights on the front of the Digital Recorder mean:

When a programme is being recorded the RECORD light will switch on.

When a recorded programme is being played back the PLAY light will switch on.

When a programme is being time-shifted the RECORD light will flash.

When a programme is being recorded, and a recorded programme is being watched at the same time, both the PLAY light and the RECORD light will switch on.

Recording Information

Whilst watching a recording, you can view information about the recording.

To view Recording Information:

- Press [INFO] and the Recorded Programme Information banner will open.
- Press [INFO] again to close the information banner.



- When recording two programmes simultaneously, you can switch between them by pressing [<] or [>] and then [OK] in the Recording Information banner.

Instant Record

To record a programme that you're watching or that is about to start:

- Press the RECORD [●] button. The Start a Recording menu will open.
- Choose, where appropriate, how much of the programme you'd like to record.
- To begin recording, press the [OK] button.



Please note: the Digital Recorder will add approximately one minute to the beginning of a recording, and a further five minutes to the end of the recording (unless another recording follows immediately after) in case the programme being recorded starts early or over runs slightly.

If [OK] is not pressed within 10 seconds, the recording menu will clear and the recording will be cancelled.

To stop/cancel a recording:

- Press the STOP [■] button and follow the on-screen instructions.

While recording it is also possible to watch a previously recorded programme.

To watch a recorded programme:

- Press [MENU] and then press [OK].
- Select the programme you want to watch.
- Press [OK] to start playback.

Record using the Programme Guide

The easiest way to schedule a recording is by using the Programme Guide. This lets you review 8 days of programmes and quickly choose the ones you wish to record.

If you need to record a programme beyond the 8 days shown in the Programme Guide, you should set the recording using the Recording Scheduler – see the next section.

Record using the Programme Guide:

- Press [GUIDE] to open the Programme Guide.
- Press [<, >, ^, v] to highlight the programme you wish to record.
- Press the RECORD [●] button.

If a programme you want to record is, for example, broadcast either side of the news, you must set the Programme Guide to record after the break as well.

The chosen programme will be highlighted in red and will be added to your Recording Schedule.

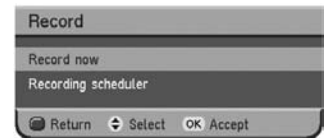
To edit a scheduled recording or record a series of programmes, or to record subtitles, see the section 'Record using the Recording Scheduler'.

While watching a programme you're recording, you can adjust the recording duration by pressing the RECORD [●] button to open the Adjust Recording menu.

Record using the Recording Scheduler

Using the Recording Scheduler:

- Press [MENU] to open the Main Menu.
- Press [V] to highlight Record and press [OK].
- Press [V] to highlight Recording Scheduler and press [OK].
- Press [V] to highlight a free event or an event you wish to edit and press [OK].
- Press [<] and [>] to select the required channel number.
- Press [V] to highlight 'Date' and press [<] and [>] to change the date, or enter a date directly using the buttons [0-9].
- Press [V] to highlight 'Time' and press [<] and [>] to change the time or use the buttons [0-9] to type in the time directly. (Use the 24 hour clock: eg for 5:30pm type 1730.)
- Press [V] to highlight 'Duration' and use the number buttons [0 - 9] to type in the length of the programme (01:30 = 1.5 hours) or use [<] and [>] to change the duration.
- Press [V] to highlight 'Repeat'. Press [>] to choose from daily, weekly, Mon to Fri or Mon to Sat. If your programme is not part of a series leave 'Repeat' set to 'No'.
- Press [V] to highlight 'Subtitles' and press [>] to choose 'yes' or 'no'. Please note that some channels or programmes do not have subtitles.



Please note: you must switch on Subtitles in the Languages section of the Main Menu in order to record them.

- Press [OK] to store Scheduled Recording.
- To close the menu press [EXIT].

The selected programmes will be highlighted in red in the Programme Guide. If you schedule daily, weekly, etc, the recording will be highlighted in brown in the Programme Guide. Please note: The recording is governed by time, not broadcast. If the TV schedule changes, you will have to reset your recording in the Recording Scheduler.

- To return to the previous menu, press [RED].
- To exit to TV, press [EXIT].

Press and hold [^] or [v] to page up and page down.

Watch a recording

Your Digital Recorder keeps a list of your recordings. It contains information about each programme, its duration and when it was recorded.

To watch a recorded programme:

- Press [MENU], highlight Recorded Programmes List and press the [OK] button.

A quick way to open the Recorded Programmes List is to press PLAY [▶].

- Press [V] until the recording you wish to watch is highlighted.
- If you wish to preview the recording in a ¼ screen window, press [INFO].
- To watch a highlighted recording press the [OK] button.

Fast-forward [▶▶] through a recording:

While watching a recording, you can fast-forward through the programme.

To fast-forward:

- Press FAST-FORWARD [▶▶].
- Press FAST-FORWARD [▶▶] again to step up through the fast-forward speeds (x3, x6, x12, x24, x48).
- Slow down the speed of fast-forward playback by pressing the REWIND [◀◀] button.
- Fast-forward will continue until you press PLAY [▶], PAUSE [||] or STOP [■] or until you reach the end of the recording. When you reach the end of the recording, the Recorded Programme List will open.

Rewind [◀◀] through a recording:

While watching a recording, you can rewind through the programme.

To rewind:

- Press REWIND [◀◀].
- Press REWIND [◀◀] again to step up through the rewind speeds (x3, x6, x12, x24, x48).
- Slow down the speed of rewind playback by pressing the FAST-FORWARD [▶▶] button.
- Rewind will continue until you press PLAY [▶], PAUSE [||] or STOP [■] or until you reach the beginning of the recording, when it will pause.

Skip

Whilst watching a recording you can skip forward (through adverts for example) in 30 second, 1, 2, 3, 5 and 10 minute blocks.

To set the Skip duration:

- Press [MENU], highlight System Setup and press [OK].
- Highlight Recorded Programme option and press [OK].
- Highlight Skip duration and press [OK].
- Toggle left and right to change the skip duration.

To skip:

- Press [>] once to skip forward by the set Skip duration. (If, for example, you set the record duration to 2 minutes it will skip forward by 2 minutes. Alternatively, press [<] once to skip back by 2 minutes.
- Press [>] **twice** to skip forward 4 minutes and so on.

Pause playback:

- To pause a recording playback press PAUSE [||]. You may then press PLAY [▶] to resume playback, or choose one of the other playback options: fast-forward, rewind or stop.

Stop playback:

- To stop a recording playback press STOP [■], then follow the on-screen instructions.

When watching a recording, press [INFO] to view information about the recorded programme.

Managing your recorded programmes

Recorded programme information icons

Icons may be displayed to the right of the programmes in the Recorded Programmes List.

This is what they mean:

- ▶ The recording is currently playing.
- ✓ This recording has been protected and will not be deleted when recording space is limited.
- ✗ This recording has been marked for deletion.
- ◻ This programme is being recorded.



The horizontal bar at the bottom of the Recorded Programmes List shows how much recording time has been used, and how many hours are still available.

Search recorded programmes

The Search facility lets you sift through your recorded programmes by genre, making it easy to find the recording you want to watch.

To search your recorded programmes:

- From the Recorded Programme List, press [YELLOW].
- Use [^] and [V] to skip through the different genres.
- Highlight the genre you want to search and press [OK].
- The Recorded Programme List will re-open displaying a list of genre specific recordings.
- Highlight the recording you want to watch and press [OK].
- Or press [YELLOW] to search another genre.


Sort by name or by date

- You can arrange your recordings by name/date.

- From the Recorded Programme List, use [<] and [>] to toggle between sort by name and sort by date.

When space on the hard disk becomes limited, the oldest unprotected recordings will be deleted to free up disk space.


To protect a recording from deletion:

- If you're not already in the Recorded Programme List, press [MENU] and then press [OK] or press PLAY [▶].
- Use [^] and [V] to highlight the recording you want to protect from deletion and then press [GREEN].
- The  icon signifies that the recording is protected.

To rename a recording:

- Press [MENU], highlight System Setup and press [OK].
- Highlight Recorded Programme option and press [OK].
- Highlight Rename Recorded Programme and press [OK]. The Edit screen will open.
- Use the on-screen keyboard to rename the recording and press [GREEN] to save.

Delete a recording:

- From the Recorded Programmes List, highlight the recording you want to delete and press [BLUE]. The  icon will appear next to the recording you want to delete.
- Press [EXIT]. The Confirm Delete menu will open.
- To confirm deletion, press [BLUE].

Time-shifting

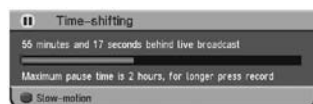
Time-shifting, also known as "Pause live TV", lets you pause a broadcast programme and continue watching it later. The maximum length of time you can pause is 2 hours, the minimum is 10 seconds.

Pause live TV:

- While watching TV, press PAUSE [||].

This will freeze the picture and sound and begin storing the programme. The Time-shifting banner will be displayed, indicating how long the programme has been paused.

Please note: While paused, you can watch in slow motion at 1/2, 1/4, 1/8 speed. To watch in slow motion press [BLUE].



Resume watching a time-shifted programme:

- Press PLAY [▶].

The paused programme will begin playing from the point of pausing.

Fast-forward through time-shifted TV:

While watching a time-shifted programme, you can fast-forward it at speeds of x3, x6, x12, x24 and x48.

To fast-forward:

- Press FAST-FORWARD [▶▶].
- Press FAST-FORWARD [▶▶] again to step up through the fast-forward speeds (x3, x6, x12, x24, x48).
- Slow down the speed of fast-forward playback by pressing REWIND [◀◀].
- Fast-forward will continue until you press PLAY [▶], PAUSE [||] or STOP [■] or until you reach the end of the time-shifted TV, when it will stop time shifting and return to live TV.

Rewind through time-shifted TV

While watching a time-shifted programme you can rewind it at speeds of x3, x6, x12, x24, x48.

To rewind:

- Press REWIND [◀◀].
- Press REWIND [◀◀] again to step up through the rewind speeds (x3, x6, x12, x24, x48).
- Slow down the speed of rewind playback by pressing FAST-FORWARD [▶▶].
- Rewind will continue until you press PLAY [▶], PAUSE [||] or STOP [■] or until you reach the beginning of the recording, when it will start to playback the time-shifted TV.

Pause playback

To pause Time-shift TV:

- Press PAUSE [||]. You may then press [▶] to resume playback, or choose one of the other playback options: fast-forward, rewind, or stop.

Stop Time-shifting and save the programme:

- Press RECORD [●] and follow the on-screen instructions. (Any time-shifted programme will be added to the recording.)
- Press [▶] to continue watching the recording.

Stop Time-shift recording without saving the recording:

- Press STOP [■]. Time-shifting will stop and return to live TV.

Record Buffer

The Recorder temporarily saves the programme you're watching in a "Buffer". The Buffer can store up to 2 hours of the channel you are watching. When you change channel, the Buffer is cleared and the Recorder starts saving the new channel to the Buffer.

Rewind live TV/Instant Replay

With up to two hours of the current channel stored in the Buffer, you can effectively 'Rewind live TV' - what you are doing is rewinding through the Buffer.

To rewind live TV/Watch an instant replay:

- Press [◀◀]. The Digital Recorder will start rewinding live TV.
- Press [▶] when you reach the part you want to watch.

Using Favourites

The Favourites list lets you hop up and down a list of channels, ignoring those channels you rarely or never watch. You can have up to 10 Favourites lists.



To watch a channel that is not on your Favourites list, you must type its number using the number buttons, or use the TV Guide, as [^] and [v] will skip over any channels not in the active Favourites list.

To use Favourites lists, you must start by creating one.

- Press [MENU].
- Select the Favourites option and press [OK].
- Press [GREEN] to create a new list.
- Press [YELLOW] to edit the list.
- Use [^] and [v] to highlight the channels you wish to add and press [OK] to add each channel. You can have up to 20 channels in each Favourites list.

Please note: to switch between Favourites lists, access the Favourites option from the Main Menu, choose from the list and press [OK] to enable.

To rename a Favourites list:

- To rename a list, use [^] and [v] to highlight the list you want to rename and then press [YELLOW].
- Use [>] to select your Favourite list and then press [YELLOW] to rename.
- Using the on-screen keyboard, use [^, v, <, >] to highlight the letters you want and press [OK] to confirm each selection.
- To save the list name, press [GREEN].
- To finish, press [MENU] or [EXIT].

To delete a channel from a Favourites list:

- Press [MENU].
- Highlight the Favourites option and press [OK].
- Highlight a Favourites list and then press the [YELLOW] button.
- Use [>] to select the stored Favourite channels and [^] and [v] to highlight the channel you want to delete.
- Press the [BLUE] button to delete the channel.

To reorder a list of favourite channels:

- Press [MENU].
- Highlight the Favourites option and press [OK].
- Highlight a Favourites list and press the [YELLOW] button.
- Use [>] to select the stored Favourite channels and [^] and [v] to highlight the channel you want to reorder.
- Press the [GREEN] button.

- Use [^] and [v] to move the highlighted channel up or down the Favourite list.
- Press [OK] to confirm the change.

To delete a Favourites list:

- Highlight the list you want to delete and press [BLUE].

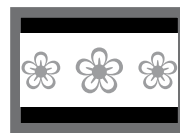
TV Setup: Television Type

Television Type lets you tell the Digital Recorder whether you have a normal or widescreen TV.

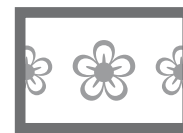
- Press [MENU] to open the Main Menu.
- Highlight the System Setup option and press [OK].
- Press [OK] to select TV Setup option.
- To change the Television Type setting use the [<] or [>] buttons.
- If you have a widescreen TV choose 16:9 widescreen.
- If you have a normal 4:3 TV choose 4:3. (Selecting 16:9 on some normal televisions will cause distortion.)

If you have a normal 4:3 TV, highlight the Widescreen option in the TV Setup menu and use [>] to personalise your viewing options.

- **Letter Box** - will show a black border top and bottom when watching a widescreen broadcast on a 4:3 TV.
- **Centre cutout** - will trim the left and right edges of the picture.



4:3 Letterbox



4:3 Centre cutout

Setting the viewing Standard

Please note: The default Standard is RGB. If you're using a standard SCART lead, this setting provides the best picture quality.

To change the viewing Standard:

- Press [MENU] to open the Main Menu.
- Highlight the System Setup option and press [OK].
- Press [OK] to select TV Setup option.
- Use [v] to highlight Standard.
- If you have a RCA connector, set the Standard to CVBS.
- If your TV supports S-Video, set the Standard to S-video.

Please note: the RGB setting offers the best picture quality.

Channel Setup and Channel Organiser

The Channel Setup menu lets you organise your channels, set Parental Controls and scan for new channels.

The Channel Organiser lists the channels available on your Digital TV service.

To organise your channels:

- Press [MENU] to access the Main Menu.
- Highlight the System Setup option and press [OK].
- Press [V] to highlight Channel Setup. Press [OK].
- Highlight Channel Organiser and press [OK].
- To delete a channel, press [BLUE]. (**You will be asked for a PIN - the default is 0000.**)
- To change the order of a channel, press [GREEN], then move it using [^] and [V]. To save its position, press [OK].
- To go back to the Main Menu, press [MENU] three times.
- To leave the Main Menu completely, press [EXIT].

To Rename a channel:

- Press [MENU] to access the Main Menu.
- Highlight the System Setup option and press [OK].
- Press [V] to highlight Channel Setup. Press [OK].
- Highlight Channel Organiser and press [OK].
- Highlight the channel you want to rename and press [YELLOW].
- Rename the channel using the on-screen keyboard.
- Press [GREEN] to save.

Press and hold [^] or [V] to page up and page down.

Please note: your Digital Recorder is constantly searching for new channels, and channels that no longer transmit programmes. Channels that no longer transmit will be marked DEL and should be deleted. To delete a channel, see the Channel Setup and Channel Organiser section.



Using parental controls to block channels

The Parental Control feature allows you to lock or unlock programmes or change the censorship options (where available) using a PIN.

Please note: this feature only works when the broadcaster transmits censorship information.

To set up Parental Control:

- Press [MENU] to access the Main Menu.
- Highlight the System Setup option and press [OK].
- Use [V] to highlight Channel Setup then press [OK].
- Choose the Parental Control option.
- Type in your PIN - **the default PIN is 0000.**
- Use [<] and [>] to change the Censorship level. These settings affect the entire service on your Digital Recorder. To lock or unlock individual channels, see below.

The parental control options are:

- will block all channels
- **18** will block programmes with an age rating of 18+
- **15** will block programmes with an age rating of 15+
- **12** will block programmes with an age rating of 12+
- **6** will block programmes with an age rating of 6+
- **Off** will not block any channels

Please note: when you record a PIN protected programme, the recording is accessible to all users and is not PIN protected.

When a programme being broadcast is blocked by the Parental Control setup, you can override the settings and watch the programme by entering your PIN.

Changing your PIN:

- To set or change your PIN, choose the Change PIN option from the Parental Control menu and follow on-screen instructions.



Lock/unlock individual channels:

- On the Parental Control menu, choose the Lock/Unlock Channels option and press [OK].
- Use [^] and [V] to highlight the channel you wish to lock or unlock.
- Press [OK] to switch between the Lock/Unlock settings.



If you forget your PIN, please refer to the instructions in the General Problem Solving section at the rear of this guide.

Please note: to reactivate the channel block, switch your Digital Recorder to Standby and then back on.

Channel Tuning - scanning for channels

You can check for new channels at any time using the Channel Tuning menu.

To access Channel Tuning:

- Press [MENU].
- Highlight the System Setup option and press [OK].
- Use [V] to highlight the Channel Setup option and press [OK].
- Choose Channel Tuning.



Full Scan Add New Channels

Channels scans the air waves for new channels and adds them to your line up. If you cancel this operation part way through, you will keep your existing channels.



Full Scan Replace Existing Channels deletes your current channel line up, then scans the airwaves for new channels and creates a new line up. If you cancel this operation part way through, you will lose all channels and will need to repeat the tuning process.

Languages and Subtitles

Using Subtitles:

Many programmes are broadcast with subtitles, sometimes in a choice of languages.

To switch Subtitles on:

- Press [MENU].
- Selected Languages and press [OK].
- Use [<] and [>] to switch Subtitles on and then press [OK].



Please note: If you switch Subtitles on in the Main Menu, you can temporarily disable them by pressing [SUB] on your remote and following the on-screen instructions. If you haven't activated Subtitles in the Main Menu, you can display them, for individual channels, by pressing [SUB] and following on-screen instructions.

Some programmes are broadcast in more than one language. When alternative languages are available, they will be displayed in the Audio menu.

- Press [MENU].
- Use [V] to highlight Languages. Press [OK].

- Use [V] to highlight Audio language for current programme and press [OK].
- Use [<] and [>] to select the desired language.
- Press [OK] to confirm your choice.

Using Interactive TV and Teletext

Your Digital Recorder gives you full access to Interactive TV and Teletext.

Teletext is available on certain channels, and there is a dedicated Teletext channel - see your TV Guide for more information.

- To see the Teletext service on the channel you are watching, press [TEXT].

Interactive TV lets you interact with some TV programmes and channels. When a programme is interactive, the broadcasters' interactive symbol will be displayed on-screen.

- To access Interactive TV, press [RED] on your remote control.
- To use the service, you will need to use the colour buttons on your remote. See on-screen instructions for which buttons to press.

Product technical specification

Digital terrestrial TV receiver. Fully DVB-compliant. Due to continued product improvement, this specification may change without notice.

| | |
|-------------------------|--|
| UHF Channel | 474MHz - 858MHz Channel 21-69 -75 to -20 dBm Bandwidth 8 MHz |
| VHF * | 174 MHz - 230 MHz Bandwidth 7/8 MHz |
| DVB compatible Decoding | ETS 300 744 MPEG2 compatible (DVB/Main profile@Main level) |
| Video | 1.5~15Mb/s (720 x 576) |
| Audio | MPEG2 - Musicam (layer 1&2) (32,44.1,48 kHz) |
| Symbol rate | 2~40Mbaud |
| Power | 240 volts AC mains |
| Power consumption | 18 watts typical - 30 watts (maximum) |
| RF connection | IEC connector 169-2 (female), 9.5mm diam. |
| TV connection | SCART Composite/RGB/S-video + audio (stereo) |
| Power connection | Moulded figure 8 connector (IEC-320 Type C7) |
| Accessories | Power cable, remote control, 2 AAA/LR03 batteries, RF cable, SCART cable, user guide |

The product complies with the following European Council Directives: 73/23/EEC (the Low Voltage Directive) as amended; 89/336/EEC (the EMC Directive) as amended.



Made in EU

* Selected models only.

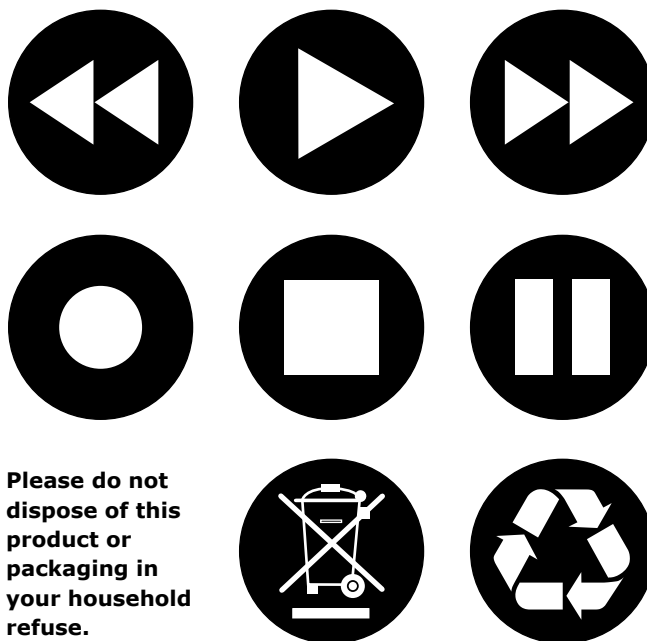
Understanding the messages on your Digital Recorder

| Message | Possible cause | What to do |
|--|--|--|
| No Channels. | No channels have been stored on the Digital Recorder. | The Digital Recorder needs to be tuned into the available broadcasts. See the section: Channel Setup - scanning for channels. |
| Encrypted channel. | <ul style="list-style-type: none"> The channel may have been encrypted by the broadcaster. | <ul style="list-style-type: none"> Try switching to a different channel. Insert your Pay TV card if applicable. |
| No signal. | Your TV aerial may not be properly connected. The signal from your aerial may be too high or too low or distorted by something between your aerial and the Digital Recorder. | Check your aerial and any connections between the aerial and the Digital Recorder. Try re-scanning the channels (see Channel Tuning - scanning for channels). You may need to consult an aerial installer. |
| No channel/No channels added. | Your Digital Recorder was unable to detect and decode any digital channels during installation. | Check all of the aerial connections. Check that the digital signal is available in your area. For more information about digital TV reception, see the Helpline details section towards the rear of this guide. |
| Censored channel/Locked channel. | The channel has been censored or locked by the Parental Control settings. | Enter your PIN to view channel. |
| The programme filing system is not ready at present. This may not be a fault and may only cause a brief delay. | The hard drive needs reformatting. | <p>To re-format the hard drive: Press [MENU]. Select the Recorded Programmes List and press [OK]. Enter 4565 on the remote control. When the PVR Setup Menu opens, press [OK]. Press [OK] again and follow the on-screen instructions.</p> <p>Please note: reformatting the hard drive will remove all your settings.</p> |

General problem solving

| What happens | What to do |
|---|--|
| You cannot see the opening picture (Press OK to Start) from the Digital Recorder. | <ul style="list-style-type: none"> Select the AV channel using the button on your TV remote marked AV, EXT, TV/AV, O/E or a  symbol, or refer to your TV manual. Ensure both ends of your SCART cable are firmly connected to the relevant sockets. Make sure you followed the Setting up your Digital Recorder instructions correctly. |
| Your Remote control isn't working. | <ul style="list-style-type: none"> Make sure you are pointing the remote control directly at your Digital Recorder and that nothing is in the way. Check the batteries are in the right way round. Try replacing the batteries. |
| The Digital Recorder does not seem to work/there is nothing shown on the TV. | <p>Is the green power light on?</p> <p>If No:</p> <ul style="list-style-type: none"> Press the  button on your remote control. Make sure that all cables are firmly connected to the Digital Recorder and TV/VCR. Check that the Digital Recorder is properly plugged in to the power supply. <p>If Yes:</p> <ul style="list-style-type: none"> Check you have the correct channel selected on your TV. Check all cables are correctly attached. If a VCR/DVD is connected to the Digital Recorder, ensure it is switched off. Check if your VCR/DVD is causing the problem by disconnecting the VCR/DVD. |
| The picture and/or sound keeps breaking up. | <p>There are several possible causes of this type of problem: your signal may be weak, you may have an old, low-performance or damaged aerial. Or the cable between your aerial and TV may be damaged.</p> <ul style="list-style-type: none"> Check for any obvious damage to the aerial and cables and make sure that the connectors are properly fitted. If this does not work, have your installation checked by a professional; your aerial may provide a better signal if it is relocated. Note: older aerials and indoor aerials aren't as effective as new outdoor/roof aerials. Alternatively, try using a signal amplifier/booster to improve reception. Check the digital TV coverage in your area - for more information about digital TV reception, see the Helpline details section towards the rear of this guide. |

| What happens | What to do |
|--|---|
| You are missing some channels. | <ul style="list-style-type: none"> Some TV channels are not available in every area. For more information about digital TV reception, see the Helpline details section towards the rear of this guide. Your signal may be weak. Have your installation checked by a professional; your aerial may provide a better signal if it is relocated. Note: older aerials and indoor aerials aren't as effective as new outdoor/roof aerials. Alternatively, try using a signal amplifier/booster to improve reception. You may need to re-scan the digital channels. Please refer to the section: Channel Tuning - Scanning for Channels. |
| You cannot see digital channels after you have moved your Digital Recorder to a different house. | <ul style="list-style-type: none"> Scan for channels again. Please refer to the section: Channel Tuning - Scanning for Channels. It is possible that the aerial at your new house is not adequate to receive digital TV or that there is a poor signal in your area. For more information about digital TV reception, see the Helpline details section towards the rear of this guide. |
| Subtitles do not appear although they are set to 'on'. | <ul style="list-style-type: none"> Some programmes are transmitted without subtitles. |
| The picture appears to be 'squashed' or 'cut off'. | <ul style="list-style-type: none"> Make sure your TV settings are correct. Please refer to the section: TV Setup: Television Type. |
| I forgot to plug in the aerial when I set up the Digital Recorder. | <ul style="list-style-type: none"> Switch off your Digital Recorder at the mains supply. Plug in the aerial. Switch the Digital Recorder mains supply back on. Please refer to the section: Channel Tuning - Scanning for Channels. |
| <ul style="list-style-type: none"> You've lost previously scanned channels or lost BBCi/Teletext and Full Scan Replace Existing Channels hasn't resolved the problem. The audio has changed and peoples voices are now very deep. A red 'del' sign has appeared next to a channel in the EPG. | <p>A Software Reset will resolve these issues. To initiate a Software Reset:</p> <ul style="list-style-type: none"> Press [MENU]. Highlight System Setup and press [OK]. Highlight Software Reset and press [OK]. Press [OK] to confirm Software Reset. When the Digital Recorder shuts down, switch it off at the mains and leave it for 10 seconds before switching it back on. After you switch the Digital Recorder on, press [OK] when prompted and the Digital Recorder will automatically scan for channels. <p>Please note: you will lose all your previous settings when you reset the software.</p> |
| You can't receive your Pay TV channels. (Applies only to models with a card slot). | <ul style="list-style-type: none"> Check your smartcard is inserted the right way round. Make sure you've registered your card. If the card was used on a previous Digital Recorder, you need to re-register the card for your new Digital Recorder. Check the reception in your area. If your aerial is old or indoors, you may need to upgrade it to a new roof aerial. |
| You made a video recording of a digital channel and all or part of the programme was not recorded. | <ul style="list-style-type: none"> Make sure your VCR is properly connected. Make sure your Digital Recorder was set to the channel you wanted to record. Switch the VCR to the appropriate AV input. |
| You have forgotten your PIN. | <ul style="list-style-type: none"> Press [MENU]. Highlight Software Setup and press [OK]. Select Software Reset and press [OK]. Press [OK] again to proceed with the software reset. When the Digital Recorder shuts down, switch it off at the mains and leave it for 10 seconds before switching it back on. After you switch the Digital Recorder on, press [OK] when prompted and the Digital Recorder will automatically scan for channels. <p>Please note: you will lose all your previous settings when you reset the software.</p> |
| You tried to delete a programme from the Recorded Programme List and the Digital Recorder froze. | <p>There are two ways to resolve this issue.</p> <ul style="list-style-type: none"> Try unplugging the Digital Recorder at the mains and then switching it back on. If this doesn't work, you'll have to re-format the hard drive. <p>To re-format the hard drive:</p> <ul style="list-style-type: none"> Press [MENU]. Select the Recorded Programmes List and press [OK]. Enter 4565 on the remote control. When the PVR Setup Menu opens, press [OK]. Press [OK] again and follow the on-screen instructions. <p>Please note: reformatting will remove all your settings and recordings.</p> |



Please do not dispose of this product or packaging in your household refuse.

Packaging: We recommend that you keep the packaging for transporting the product. If you must dispose of it, please use a recycling service.

Product: If you need to dispose of the Digital TV Recorder, remote control, batteries or cables, please use an electrical equipment recycling service.

Information on recycling services should be available from your local council or the retailer where you purchased this product.