

# FERGUSON

**FV 400 L**

VHS VIDEO RECORDER



## OPERATING INSTRUCTIONS

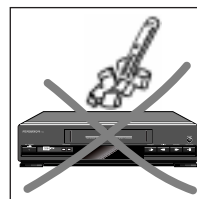
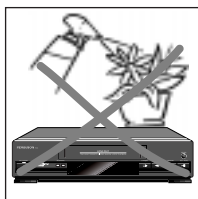
## Guarantee

The type and production number of your appliance are printed on the guarantee certificate delivered with your video recorder. Keep this certificate as well as the invoice. These documents are indispensable for claiming your guarantee rights.

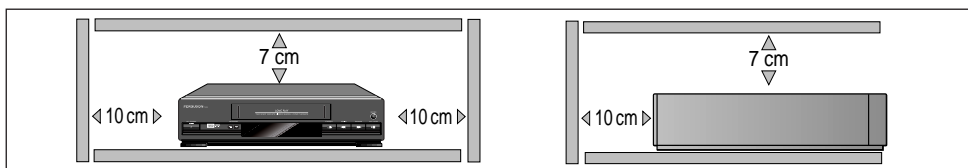
- **All repairs during the guarantee period must be carried out by an authorised technician representing our brand.**
- **If this condition is not met, your rights will no longer be valid.**
- **Never open the appliance yourself, since this may be dangerous for you or damage the equipment.**
- **Thomson Multimédia is not liable if the video recorder is used other than in accordance with this manual.**

## Precautions

**Setting up** - Ensure that the mains supply in your house complies with that indicated on the identification sticker located on the back of your appliance. Install the video recorder horizontally, away from any source of heat (fireplace) or appliances creating strong magnetic or electric fields.



If you install your video recorder in a purpose-built unit, check that the air vents are not obstructed. Allow a clearance of 10 cm on either side and at the rear of the appliance and at least 7 cm above.



**Use** - If your appliance, or a cassette, has been stored in a very cold atmosphere for a certain amount of time (transported during winter for example), wait approximately 2 hours before using your video recorder. The openings located on the top and the bottom are for ventilation purposes. They should not be obstructed. In the event of lightning, the appliance should be disconnected from the external aerial.

Even when the on/off switch is off, the video recorder is not completely cut off from the mains. To disconnect it completely, it is necessary to remove the mains plug from the mains socket.

Under no circumstances should this appliance be put to industrial use. It is designed solely for domestic operation.

Please use the supplied power cord only (it comes with a special interference filter).

**Maintenance** - Use a dry, clean, soft cloth. Do not use any scouring agents, solvents or abrasive products, etc. If an object or liquid enters inside the appliance, unplug it immediately and have it checked by an authorised technician.

**It is illegal to make total or partial copies of recordings protected by copyright laws without explicit permission of the copyright holder.**

## Some information before you start

### Mains connection

This video is suitable for use on **A.C.** mains supply, **220-240 V - 50 Hz** only. It must not be connected to **D.C.** mains.

Note: The mains lead of the video is fitted with a moulded plug. If the mains sockets are not compatible or if for any reason the plug is removed please follow the directions below.

The moulded plug cannot be rewired and if removed must be disposed of safely.

**Do NOT** under any circumstances plug the severed plug into any mains socket as this could result in an electric shock.

#### Important!

If the plug is removed rewire new plug as follows: The wires in the mains plug are coloured in accordance with the following code:

**BLUE - NEUTRAL**

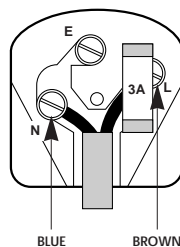
**BROWN - LIVE**

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

**BLUE** wire to the terminal coded N (Neutral) or coloured black.

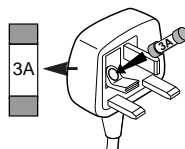
**BROWN** wire to the terminal coded L (Live) or coloured red.


**Do NOT** make any connection to the terminal in the plug which is marked by the letter E or by the safety symbol  $\perp$  or coloured green and yellow.



A fused plug must be fitted with a 3A fuse approved by ASTA or BSI to BS 1362 and fuse covers must always be securely replaced.

If your Video Recorder does not work, the fuse may be blown.



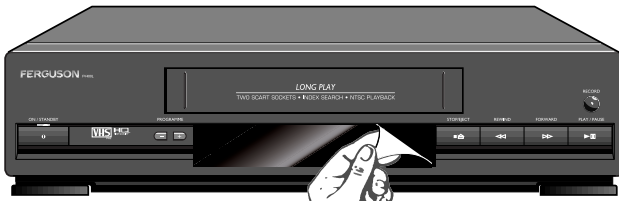
**!** The OFF button  on the remote control does not completely disconnect the unit from the mains supply but switches operating power on and off.

# Contents

Guarantee .....	1
Precautions .....	1
Some information before you start .....	2
Before you start .....	4
Loading and ejecting a cassette .....	4
Principles of operation .....	5
Connections .....	6
VCR set-up .....	7
Tuning in the television and automatic channel set-up .....	7-8
Setting of date and time .....	8
Sorting your channels .....	9
Manual channel set-up .....	10
Operating basic VCR functions .....	11-12
Making an immediate recording of a TV programme .....	13
Programming of a recording .....	13-14
Erasing a timer .....	15
Preferences menu .....	15
Controlling the TV set .....	16
Immediate deletion of status information .....	16
Transition to the year 2000 .....	17
Playing an NTSC tape .....	17
Index / counters .....	17
Prevention of External timer recording .....	17
External timer recording .....	17
Technical features .....	18
Identifying and correcting problems .....	18

# Before you start

Remove all the packaging and protective films. Before setting up your video recorder, you should have all the following elements in your possession.



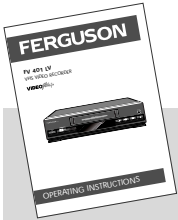
R.F. lead



Mains lead



Remote control and batteries



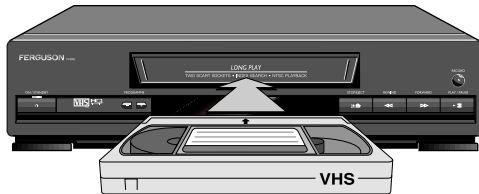
## User manual

*In order to respect the environment we have printed this manual on unbleached recycling paper.*

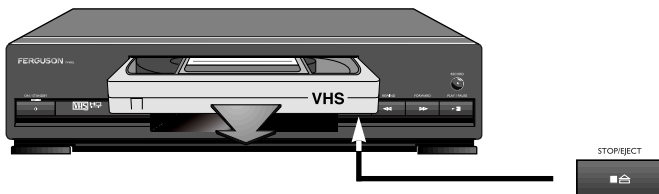


# Loading and ejecting a cassette

Loading a cassette.




Ejecting a cassette.



# Principles of operation


Always point the remote control at the video recorder.



## CALLING UP A MENU


The  key on the remote control calls up the menu which enables you to use the features of your VCR and to adjust it.

## NAVIGATION WITHIN THE MENUS



1 - To choose a function, select a line with  or .

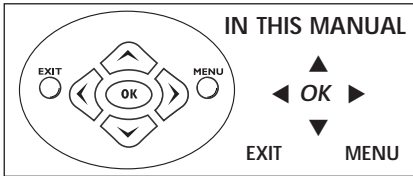
2 - To confirm your choice, press .

3 - To make an adjustment (i.e. to select an option, increase or decrease a given value), use the  or  keys.

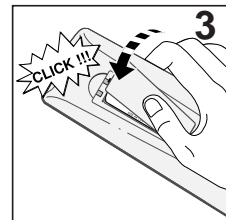
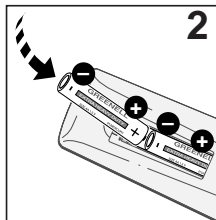
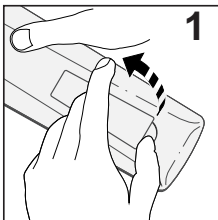
4 - To exit a menu, press  key.

Example: The symbols ◀ or ▶ displayed on the screen indicate that an option is available.

To select an option, press  or  keys.



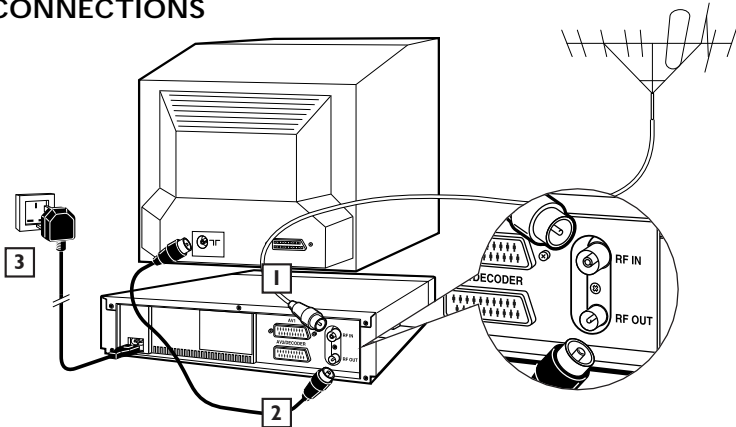
## FIT THE BATTERIES



**Please respect the environment! Before throwing any batteries away, consult your distributor who may be able to take them back for specific recycling.**

# Connections

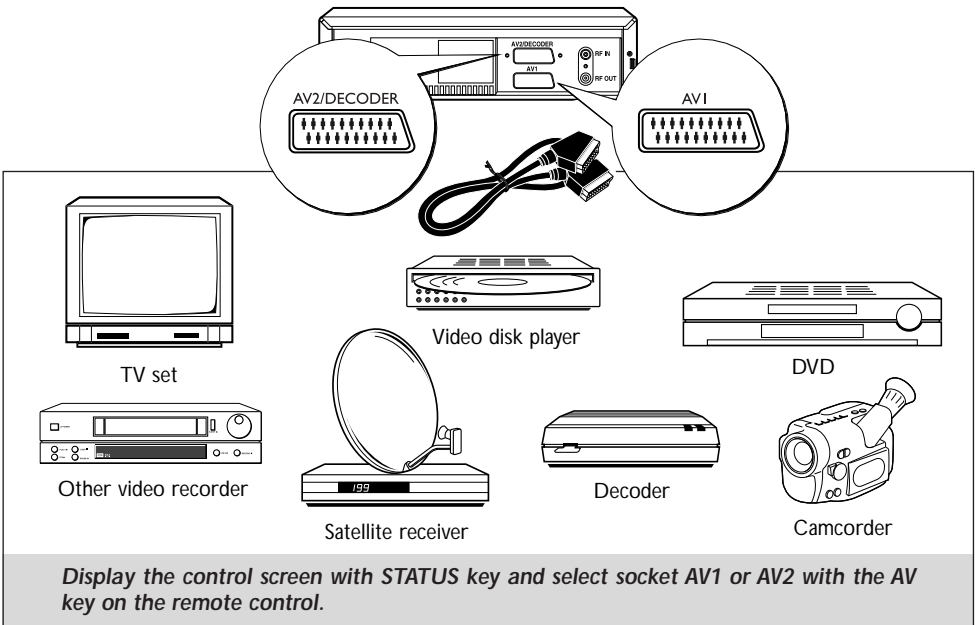
## BASIC CONNECTIONS



- 1 Disconnect the outside aerial cable from the TV set and reconnect it to the **RF IN** socket on your video recorder.
- 2 Connect the TV set to the video recorder (**RF OUT** socket) with the supplied aerial cable.
- 3 Connect the video recorder to a mains socket with the mains lead. The display on the video recorder comes on.

## FURTHER CONNECTIONS

To view and/or copy pictures from a connected AV unit.



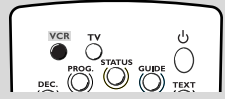
# VCR set-up

Upon completion of the basic connections described on the previous page

1

To set up your VCR, you will need the user manual of your TV set. We recommend that you proceed step by step with all stages up to and including page 7.

Press the **VCR** key on the remote control.



2

Hold down the **MENU** key on the remote control until **CH --** comes up on the VCR display.



3

Please wait until the VCR has found a channel for transmitting the pictures to the TV set (within the channel range from 21 to 69).

4

After a certain time, the VCR indicates the output channel on its display.

5

Press **OK** to continue

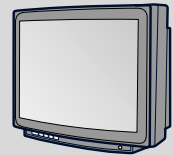


# Tuning in the television and automatic channel set-up

For a terrestrial analogue pay TV decoder see page 10

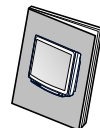
1

Switch on your TV and select an unused TV programme number.



2

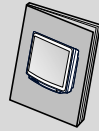
Get your TV User Manual.



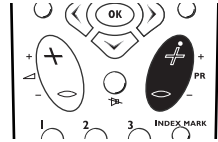
! The main functions of your remote control can be found on the VCR front.



**3** From the TV User Manual, follow the instructions to find the VCR signal.



**4** As soon as you have found the output channel of the VCR, a message comes up on the TV screen.  
*Note: When the picture quality is poor (snowy or torn image), change the output channel of the VCR with the PR+/PR- keys (when doing so, the picture will disappear until you return the TV set to the new channel).*



**5** Store the output signal found on an unused TV programme number, following your TV instruction book.  
*Note: Remember this TV programme number as you will have to use it to watch the playback of your VCR tapes or TV programme.*

**6** Press **OK** key.



**7** You will be informed by a message that your VCR is searching and storing the channels that can be received in your region.

**8** You'll have to wait a while until this procedure is completed.

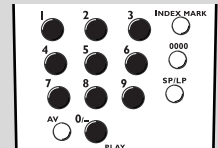
## Setting of date and time

Date and time may not be correct

**1** If date and time are correct, press **EXIT** to leave the menus.



**2** If not, set the clock by means of the number keys (0 to 9). Press key ►, type in time and date in the following order: hour, minutes, day, month, year.



**3** Confirm with **OK** and press **EXIT** to leave.



# Sorting your channels

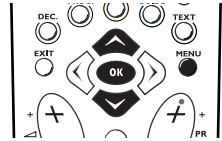
To ease identification of the channels, have a TV magazine to hand.

Press the **VCR** key on your remote control.

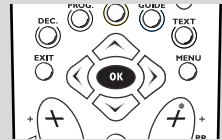


Automatic channel set-up assigns the programme numbers in a pre-defined order. These programme numbers may not match the usual order (BBC 1 on Pr 1).

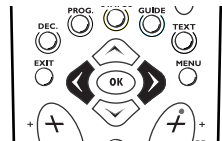
- 1 Press the **MENU** key.  
The **Installation** line is already selected.  
Press **OK**.  
Select **Channel swapping**  
and confirm with **OK**.



- 2 When the proposed number matches the picture displayed, press **OK** to go to the next channel.



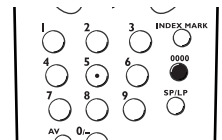
- 3 Should the channel number not match the TV picture, scroll the channels with the **◀ / ▶** keys.



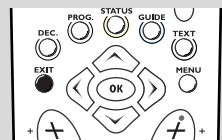
- 4 When the number matches the TV picture, press **OK** to confirm and go to the next channel.



- 5 To delete a channel, press **0000**.



- 6 When all channels are sorted, press **EXIT** to leave the menus.



# Manual channel set-up

Press the **VCR** key on your remote control.

VCR



- 1** Press the **MENU** key.  
The **Installation** line is already selected. Press **OK**.  
Select **Manual set up**, and confirm with **OK**.



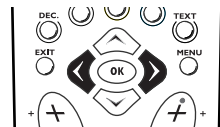
- 2** With **▼** first select **Reception** and then choose CH or CC with **◀** or **▶** (CH stands for the channels received via your aerial antenna and CC for the cable network programmes).



- 3** Press **▼** to select the **Autosearch** line.




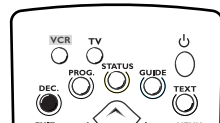
- 4** To start channel search, press **◀** or **▶** (you may also make a direct input with the number keys **0** to **9**).  
When a channel is found, the picture appears.



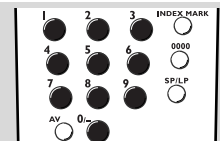
- 5** If the picture quality is poor:  
Make use of the fine-tuning (**</>**)  
with **▼**, then **◀** or **▶**.



- 6** If the programme is scrambled (i.e you need a decoder), press the **DEC.** key on the remote control  
(the symbol  is then displayed on the screen).



- 7** Select **Pr** and give the channel a number with the **0** to **9** keys (example: 0, 1 for Pr1).



- 8** Press **OK** to store this number.




9 If you wish to continue with channel set-up, repeat steps 2 to 8, otherwise press **EXIT**.

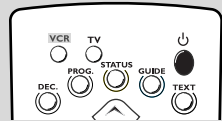


## Operating basic VCR functions

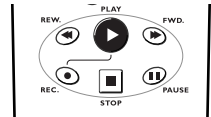
Press the **VCR** key on your remote control.



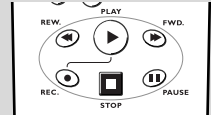
To switch the VCR or put it into standby: press the  key.



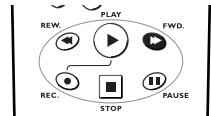
**Playing back a video tape:**  
Press the **PLAY** key.



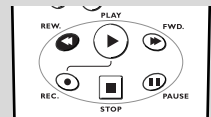
**Stopping video tape playback:**  
Press the **STOP** key.



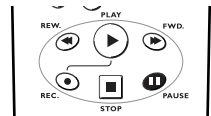
**Making a forward search on a video tape:**  
Press the **FWD.** key while in playback mode.  
Press the key again to accelerate the search  
(Search may be in black and white).



**Making a backward search on a video tape:**  
Press the **REW.** key while in playback mode.  
Press the key again to accelerate the search  
(Search may be in black and white).



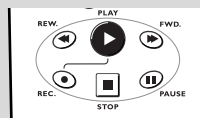
**Pausing the picture on a video tape:**  
Press the **PAUSE** key while in playback mode  
(Note there is no picture in SP mode pause).



**When a menu is displayed on the screen, you cannot activate your VCR's main functions (play, rewind).**

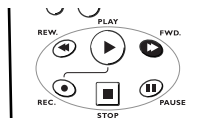
### Releasing the pause mode on a video tape:

Press the **PLAY** key.



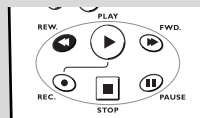
### Winding a tape forwards:

Press the **FWD.** key while in stop mode.



### Rewinding a video tape:

Press the **REW.** key while in stop mode.

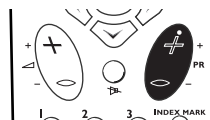


### If the picture is poor (tracking):

Press **PR+ / PR-** key (VCR in play or pause).

Restore the standard setting with **0000** key

(If you cannot improve the picture, the tape may be faulty).



### To display the information screen (source, SP/LP, counter status):

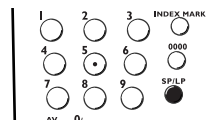
press the **STATUS** key.

Press **EXIT** to leave.



### Selecting standard play (SP) or long play (LP):

Press the **SP/LP** key.



### Watching the TV channels installed in your VCR:

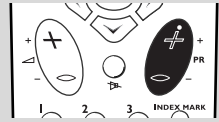
Press the digit (0-9) or **PR+ / PR-** keys.



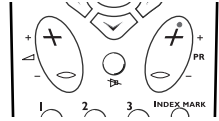
**!** When a menu is displayed on the screen, you cannot activate your VCR's main functions (play, rewind).

# Making an immediate recording of a TV programme

- 1 Press the digit (0-9) or **PR+** / **PR-** keys to select the TV programme to be recorded.



- 2 Press the **REC.** key with a video tape inserted.



- 3 To start recording, press the **REC** or the **PLAY** key again.  
*Note: an information screen comes up on your TV, but it will not be recorded on the tape. To delete this screen, press the EXIT key.*

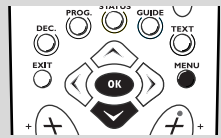


# Programming of a recording

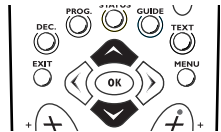
Press the **VCR** key on your remote control.



- 1 Press the **MENU** key.  
Select **Record timer** with **▼**, and confirm with **OK**.



- 2 Press **▲** or **▼** button to select an empty timer recording menu line.  
*Note: Otherwise go to page 15 to erase an existing timer recording.*



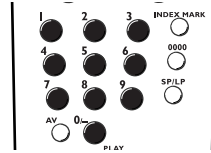
- 3 Press number keys (0-9) to timer record TV programmes (0, 1 for Pr1) , or press **AV** key to timer record an entered input (e. g. satellite connected by SCART cable).



# 4

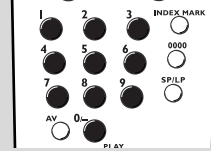
Use the number keys (0-9) to enter the start and stop time.

*Note: make sure that the start and stop times do not overlap another timer recording.*



# 5

Press number keys (0-9) to enter the Date of the timer recording in day and month format.



# 6

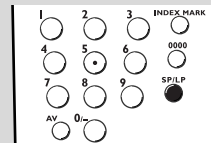
Press **OK** key to select between Once, Monday to Friday (5/7) or Weekly (1/7) timer recording.



# 7

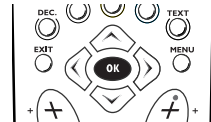
Press **SP/LP** key to select between Standard Play or Long Play recording.

*Note: Long Play enables you to record twice the length on the same tape with reduced quality.*



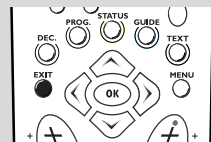
# 8

Press **OK** to confirm the timer recording.



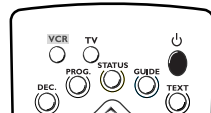
# 9

To set another timer recording, repeat step 2-8. Otherwise press **EXIT** button to leave menu.



# 10

Turn the VCR off (standby).



# Erasing a timer

Press the **VCR** key on your remote control.

**VCR**



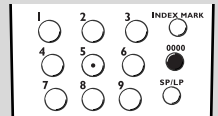
- 1** Press the **MENU** key.  
Select Record timer with ▼,  
and confirm with **OK**.



- 2** Press ▲ or ▼ key until the menu line  
you wish to erase is selected.



- 3** Press **0000** key to permanently erase  
the timer recording menu line selected.



- 4** Press **EXIT** key to leave menu.



# Preferences menu

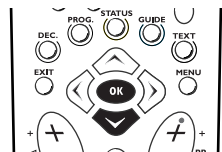
To customise the VCR settings according to preferences, to automate some functions, to complete your programming or to change settings.

Press the **MENU** key. Select Preferences with ▼,  
and confirm with **OK**.

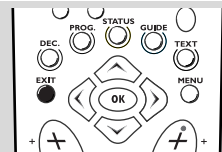


**To decrease the power consumption of your VCR in standby (the clock is not displayed):**

use ▼ to select the **Eco mode** line, then tick the box (☑) with the **OK** key.



Press **EXIT** key to leave menu.



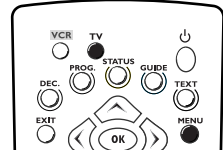


# Controlling the TV set

Your remote control can be used for controlling certain functions of most of our brand of TV sets. For this, you need to enter one of the following codes: **000** for the most recent sets and **001** for the others. Depending on the type of TV set you own, this remote control may not be compatible or certain functions may not be available.

## Storing the TV code:

- Press the **TV** key on your remote control.
- Hold down the **MENU** key on your remote control and key in one of the following codes: **000** or **001**.
- Release the **MENU** key.

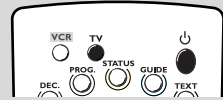


## To control the TV set:

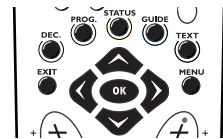
- press the **TV** key on the remote control first.

## To switch the TV on or to switch into standby:

- press **⏻** key.

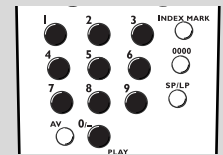


These keys have the same functions as the corresponding ones on the remote control of the TV set.



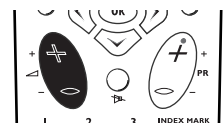
## To choose the TV programme:

- make use of these keys.



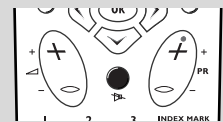
## To adjust the volume:

- make use of the **▲ -/+** key on the remote control.



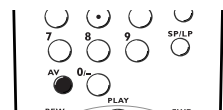
## To switch the sound off:

- press this key.



To select the **SCART** connector and watch the pictures from the set connected to this connector:

- make use of the **AV** key.



## Immediate deletion of status information

When playing your recordings, information is displayed on the screen for a number of seconds. This information can be immediately cleared with the **EXIT** key.

## Transition to the year 2000

On December 31st 1999 at midnight, the clock of your video recorder will switch over to the year 2000. However, should it be disconnected from the mains at that moment, you will have to change the year manually.

- 1 Press the **MENU** key.  
Select **Clock set** with **▼**, and confirm with **OK**.



- 2 With the keys **◀ / ▶**, position the cursor on the 1 of 199- and press **2**. To replace the other digits, proceed likewise. Store by pressing **OK**.



## Playing an NTSC tape

NTSC is the TV standard used in the United States, Japan and other countries. Your video recorder can play VHS-NTSC tapes but your TV set must be compatible. Most PAL TV sets correctly reproduce NTSC tape pictures.

## Index / counters

The index system marks sequences on the tape to help you find them easily. At the beginning of each recording, the video recorder automatically marks an index on the tape.

Use **◀ / ▶** to go to the next or previous index mark (no menu on screen).

The counter indicates the time elapsed in hours, minutes and seconds (status menu). Counting starts upon loading of the cassette or the position 00h00m00s of the counter. To reset the counter to zero (0:00/00), press key **0000**.

## Prevention of unwanted recording

To avoid erasing one of your tapes by accidental over-recording, we recommend you protect them by breaking the security tab. To reuse a protected tape, just stick a piece of adhesive tape on this place.



## External timer recording

Recording of a programme can be triggered by a satellite receiver or another appliance designed for the purpose (control voltage applied to pin 8) and connected to socket AV1 or AV2 with a SCART cable. This avoids having to programme both set. Programme the connected set and in the video recorder programming menu select AV1 or AV2 as appropriate without entering a start or stop time. This will make a permanently active timer ready to respond to a trigger from the connected set.

## Technical features

Mains supply	200 to 240 V $\pm$ 10% - 50/60 Hz
Consumed power	16 W when ON - 4 W in the eco mode
Clock backup	approx. 30 minutes
Dimensions (W/H/D)	393 x 94 x 278 mm
Weight	approx. 4.0 kg
Functioning conditions	+5°C to +40°C - Surrounding humidity: 80 % maximum
Tape heads	video: 2 rotary heads audio: 1 fixed head (mono linear track)
Tuner	PLL Type
Reception band	I-III-IV Terrestrial (aerial) Inter-band (cable network) Hyper-band (cable network)
Frequency ranges	45 to 855,25 MHz
Colour system	PAL
Reception norm	Playing of an NTSC tape on PAL 60 Hz TV
Number of storable programme	I 99
Modulator	UHF Channel 21 to 69 - Pre-set at the factory on channel 60 Standard I
Remote control	Infrared 33 KHz - Batteries 2 x 1,5 V (AA)
Menu language	English
Automatic functions	On (using any key) Play (with protected tape) Rewinding (at the end of the tape)
Tapes	VHS format - Rewinding time: 130s with E 180

## Identifying and correcting problems

If you have any problems, check the counter measure for each symptoms listed below. If the problem persists, note your VCR Model Number and Serial Number which can be found on the back of your VCR. Contact your nearest authorized service centre or dealer for assistance.

VCR cannot be turned on.	1. Make sure the power cord plug is inserted in an AC power outlet. 2. Ensure the Power On/Off switch is on.
Intermittent or no remote operation.	1. Aim the remote control directly at the VCR. Nothing should be blocking the remote control and the VCR. 2. Use new batteries. The batteries in the remote control may be weak or dead.
Snowy picture. Noisy sound.	1. Check your aerial or cable VCR connection. 2. Check the antenna connection on the VCR and on the wall.
Dotted lines or stripes Spotted picture (crosstalk.) Lines or streaks in picture (interference).	1. This may be caused by local interference (e.g. cars, neon signs, hair dryers, personal computer, audio devices, handphone, radio stations, etc.). Try moving the interfering equipment or adjust the aerial antenna.
Double images or "ghosts".	1. A highly directional antenna may improve the Picture. This may be caused by reflections from nearby mountains or building.
Good picture. Noisy sound.	1. Check the transmission standard selected for the current VCR programme.
No picture. No sound.	1. Ensure the power On/Off switch is on. 2. Check the antenna connection.
Recording is impossible:	1. See if the safety tab of the cassette isn't broken. 2. Check if you have properly performed the steps for the preparation of your recording as set out on page 13.

*In our efforts to improve the quality of our products, we reserve the right to change their features. The information contained in these instructions are therefore liable to change and are not contractual.*

# Guarantee

This guarantee is automatically effective from the date of purchase of the equipment. The appropriate sections should be completed by the dealer and purchaser at the time of purchase.

This guarantee should then be retained by the purchaser and kept safely so that it may be referred to and produced if required should a claim be made during the guarantee period.

## Terms of Guarantee

1. The component parts used in this equipment are guaranteed against failure due to faulty material or workmanship for a period of one year from the date of purchase.
2. Should the equipment fail to operate satisfactorily it should be reported to the dealer from whom it was purchased who will normally be able to provide service and make any claim under guarantee on your behalf.
3. If it proves impossible to contact the dealer you should contact the Thomson multimedia Sales U.K. Limited Service Depot for advice stating the model and serial numbers, date of purchase, and the name and address of the dealer from whom it was bought.
4. The guarantee is effective in the United Kingdom only.
5. Thomson multimedia Sales U.K. Limited, reserves the right to vary the specification of the equipment without notice.

*This Guarantee in no way affects any statutory right of a consumer.*

### FOR COMPLETION BY THE PURCHASER

Purchaser's Name .....

Address .....

.....

.....

**PLEASE NOTE:** It will not be necessary for the dealer or purchaser to return this guarantee to Thomson multimedia Sales U.K. Limited when making a claim under guarantee, unless requested to do so, provided that the model and serial numbers, date of sale, and the purchaser's name and address are quoted on the order or advice note.

### FOR COMPLETION BY THE DEALER

MODEL No .....

SERIAL No. ....

DATE OF PURCHASE .....

Dealer's Stamp or Name and Address

## THOMSON multimedia Sales U.K. Limited

Crown Road  
Enfield  
Middlesex  
EN1 1DZ

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