

Important

Precautions and information before connecting

- Ensure that the mains supply in your house complies with that indicated on the identification sticker located at the back of your device. Install your device horizontally, on a suitable base (furniture), with enough space around it for ventilation (7-10 cm)
- Ensure that the ventilation slots, and the device itself, are not covered by objects such as a mat, newspapers, curtain, etc.
- Do not stack any other equipment on top of your DMR. Do not place the device on top of an amplifier or any other equipment that gives off heat
- The appliance should not be in contact with liquids or exposed to the risk of dripping or splashing. Therefore be careful not to place any object containing a liquid (vase, glass, bottle,...) on or near your appliance
- The DMR must not be near or exposed to a flame. For instance, do not place a candle on or near the device
- Protect the DMR from moisture and excess heat (e.g. fireplace) or equipment creating strong magnetic or electric fields (i. e. speakers ...).
- Before moving the device, ensure the disc tray is empty. Switching off the DMR to the stand-by mode does not disconnect the electricity supply. In order to separate the device completely from the mains, it has to be disconnected by unplugging the mains plug. When connecting, ensure that the plugs of the various cables are pushed securely into their corresponding sockets. Your DMR is not intended for industrial use but for domestic purposes only. Use of this product is for personal use only. Copying CDs or downloading music files for sale or other business purposes is or may be a violation of copyright law.

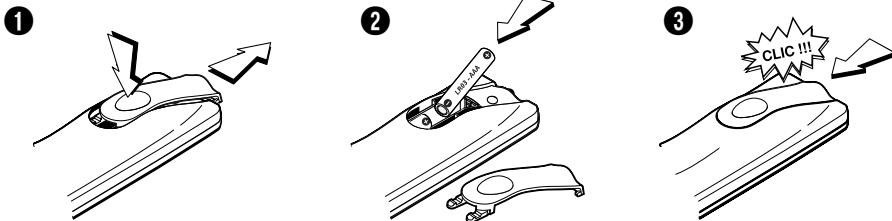


Important notice: Please read the recommendations given on page 56.

Accessories provided

- A Scart/Peritel cable (21 wired pins) – a remote control handset and 2 x AAA non rechargeable batteries – a power supply cable – an aerial cable – infra red controller G. LINK cable.

Inserting the batteries



Important information regarding the batteries

- Do not mix different types of batteries or new and old batteries. Do not use rechargeable batteries. In order to avoid any risk of explosion, observe polarities indicated inside the battery compartment. Replace only with the type of batteries specified above. Do not throw them into fire, do not recharge them. Remove the batteries from the remote control unit if you are not going to use it for several weeks. Immediately remove any leaking batteries. Take care in doing this, as leaking batteries may cause burns to the skin or other physical injury.



- Please respect the environment and prevailing regulations. Before you dispose of batteries ask your dealer whether they are subject to special recycling and if he accepts to take them back.

Contents

Important

Precautions and information before connecting	1
Accessories provided	1
Inserting the batteries	1
Important information regarding the batteries..	1

Connections and initial set up

Basic connections	4
About your device	5
Placing the DMR in service	5
Using the remote control unit correctly	5
Switch on your DMR and your TV set	5
Automatic channel search	6
Sorting the channels	7
Clock setting	7
Manual channel search	8
Channel update.....	9
Time set	9
Sorting the channels	9
Satellite or cable receiver	10
G-LINK CABLE - Adjusting your DMR's IR (infrared) controller cell.....	10
DMR / satellite or cable receiver settings	11
List of satellite receiver codes	13
List of cable receiver codes.....	13
Sockets and cables (inputs)	14
Sockets and cables (outputs).....	15
Front sockets (inputs).....	16
The keys on the front	17
The messages on the display	18
TV Functions.....	18
With a disc	18
Other indications	18

Remote control

Description of keys in DVD mode	19
Using the remote control handset to control your television and satellite or cable receiver	20
Controlling a TV set	20
Controlling a satellite or cable receiver	20
Remote control - Code A-B	20
Programming the remote control	21
Automatic code search.....	21
Manual programming.....	21

Recording functions

To watch TV Programmes	22
Putting the television on pause (Pause Live TV)	23
Record the current programme	23
Replaying what you missed	23
Recording the current program	23
Stopping the recording	23
Programming a TV recording	24
Recording with the timer.....	24
Naviclick programmes guide	26
Consulting the TV guide with Naviclick	26
Recording through the Naviclick TV guide	26
Recording from a memory card	27
Recording from a connected device	28
From a satellite receiver or cable receiver	28
From a Camcorder or other device	28
Recording from a CD-ROM	29

Playing a disc

Discs you can play	30
Interactive banners	31
In TELEVISION mode (Operating principle)	31
Information on the TV channel being watched	31
Recording the channel being watched	31
Playback of a video program recorded on the DMR	31
In DISC PLAYING mode (Operating principle)	32
With a DVD	32
With an audio CD.....	32
With a VCD (Video CD)	32
Loading and playing a disc	33
Search Options	33
Quick search of an image or a track.....	33
Still picture and frame advance.....	33
Slow motion (in Pause mode on an image).....	34
Skipping a chapter or a track	34
Scene Again™	34
Advance	34
Playback options	34
Enlarging an image (zoom).....	34
Titles, chapters, time elapsed, audio and subtitles	34

Contents

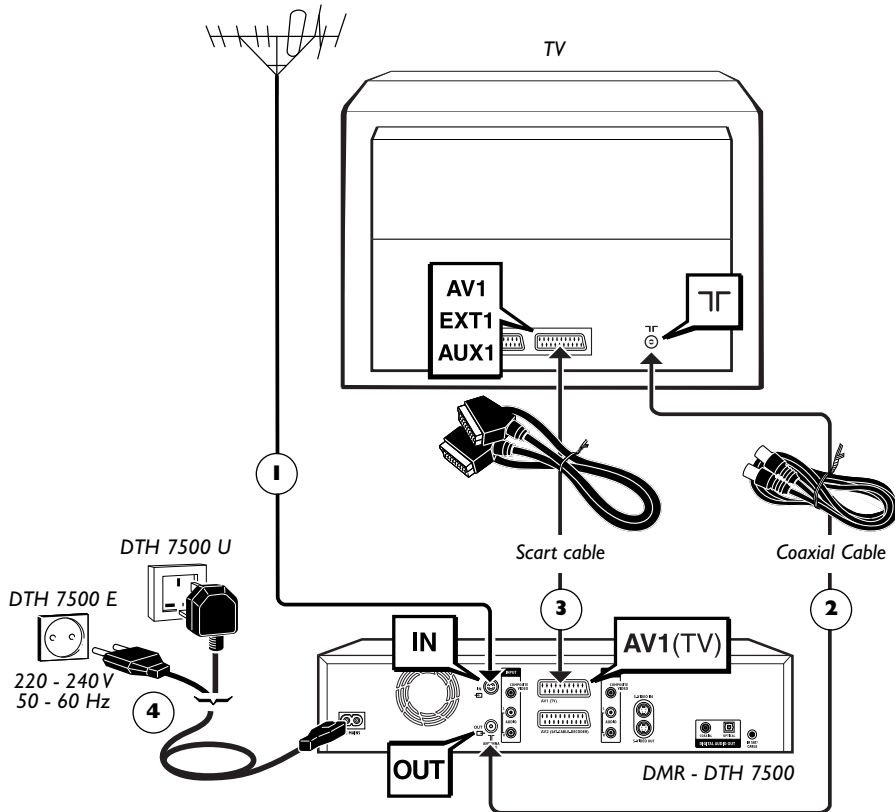
The disc information banner	35
Timer (DVD, VCD, CD)	35
Title or Track (DVD, VCD, CD)	35
Chapter (DVD)	35
Play modes of discs (DVD - VCD - CD)	36
Repeat playback of a scene between two points A and B (DVD - VCD - SVCD)	36
Subtitle and dialogue language (DVD).....	36
Camera angles (DVD).....	37
PBC - Playback control menu (VCD).....	37
The Audio CD information banner	37
Playing image (JPEG) or music (mp3) files on a CD Rom	38
Playing music files (MP3) and / or images (JPEG)	38
Image Functions	39
Changing images	39
Rotating an image.....	39
Zooming in on an image (zoom) and the Pan and Scan function	39
To stop the picture sequence and return to player menu	39
Menus	
Disc menu	40
Start.....	40
Screen Format - (DVD / VCD).....	40
Copy	40
Playlist (CD)	40
Autoplay.....	40
DVD Menu.....	40
DVD Title.....	40
Video menu	41
Music menu (JUKEBOX function)	42
Pictures menu	42
Managing your recordings	43
Renaming the recordings	43
Deleting recordings.....	43
Choosing the quality of your recordings	43
Language Menu	44
Display (Language of DMR menus)	44
Audio (DVD disc dialogue languages)	44
Subtitles (Language of DVD subtitles)	45
Disc (DVD disc menu language).....	45
Parental control menu	46
Locking	46
Ratings limits	47
Non categorized titles	47
Changing the code.....	47
Options menu	48
Digital output (audio)	48
SRS - TruSurround	48
Black level	48
Display Dimmer	48
PAL/NTSC output	48
AV1 output	49
AV2 Input.....	49
Standby mode	49
Pause Time.....	49
Other settings	49
AV link	49
AutoClock.....	49
Recording menu	50
Timer	50
Naviclick.....	50
Recording Quality	50
VPS/PDC	50
Further information	
Troubleshooting guide	51
Settings	54
NexTV channel downloading time	54
Choice of NexTV channel.....	54
Updating Naviclick (via Teletext)	54
NexTV Channels	55
Channels and Teletext pages (Naviclick)	55
Caution	56
Condensation	56
Discs	56
Regarding Audio formats	56
For your safety	57
DVD copy protection	57
Remote control - Code A-B	57
Remote control setting on code B	57
DMR setting on code B	57
Technical data	57



Connections and initial set up

Basic connections

Your DMR has many connection possibilities to allow it to fit into a setup comprising several devices. We recommend that you follow the connection setup on this page, and then carry out the adjustments shown on the following pages. You will first need to set up the channels as explained in the following pages before the final interconnection of the devices, described on pages 10 to 16.



1. Unplug the antenna cable from your TV set and plug it into the **ANTENNA-CABLE IN** socket of your DMR.
2. Using the coaxial cable supplied, connect the **ANTENNA-CABLE OUT** socket of the DMR to the antenna socket of your TV set.
3. Using the Scart cable supplied, connect the DMR's **AV I (TV)** socket (TV) to the scart socket of your TV set (labelled **AV I**, **EXT I**, **AUX I** depending on the brand).
4. Use the mains cable to connect your DMR to a mains socket, by first connecting the cable to the back of the DMR.

Note: connection to a satellite or cable receiver is detailed on page 10.

Connections and initial set up

About your device

Your DTH 7500 is classed as a DMR (Digital Media Recorder). In a single unit, it combines a DVD, Audio CD, VCD, S-VCD and CD-R player, a TV tuner and a 80-gigabyte hard disc. Depending on the setting you choose, you'll have close to 120 hours for your video recordings, JPEG images or MP3 files. With its full range of connectors, your DMR connects to most analog and digital audio/video devices on the market.

Placing the DMR in service

Using the remote control unit correctly

When you use remote control, point the unit at the appliance you want to control (DMR, TV set or satellite receiver). Ensure that there is no obstacle between the remote control unit and the appliance, otherwise the infrared signal carrying the remote control commands will be blocked. To control your DMR, ensure that the remote control unit is in DVD mode by pressing once on the DVD key before using any other keys.

Switch on your DMR and your TV set

1. Turn on your TV set.
2. Set your DMR remote control unit in DVD mode by pressing once on the **DVD** key.
3. Switch on your DMR by pressing the **STANDBY/ON** key on the front panel of the player.



4. The first time you turn on your DMR, it will ask you to select a preferred language for the various displays via the menu which appears on your TV screen. If this menu is not displayed, on your TV screen select the AV socket to which you connected your DMR. The player menus as well as the dialogues and subtitles of the DVDs will always be presented in the language you've chosen if it is available on the discs played.

5. Choose a language using the **▲**, **▼** keys on the remote control unit, then confirm by pressing **OK**.

Continue on the following page.

Note: Displays on your DMR (menus and banners):

*Disc menus – Each DVD disc offers a menu, the layout and order of which depend on the editor of the disc. The main menu of the disc is displayed on the screen when a DVD disc is loaded and play begins. You can also display or remove the main menu of the disc at any time by pressing the **MENU** key.*

*Player banners – While a disc is playing back you can display or remove banners using the **INFO** key on the remote control unit. The banners appear in the form of a succession of icons at the top of the screen.*

*Player menus – Your DMR has menus enabling you to use functions that are not accessible using the remote control unit keys. The player menu is displayed when the DMR is not playing a disc (in **STOP** mode).*

Settings will only function if the corresponding function has been provided by the editor. For instance, if you select the subtitle icon in the banner, subtitles will only appear if they actually exist on the disc. Check the sleeve to see what subtitles are provided. If a menu or icon appears in "grey" it means that the function is not available

Connections and initial set up

Automatic channel search

In each region, TV stations are broadcast on different channels. Your DMR cannot be factory-set to receive the TV channels of your area. You will have to set up the channels by following the automatic procedure recommended below.



6. Select your country of residence using the \blacktriangledown or \blacktriangle keys, and press **OK**.

Note: The screen only displays 3 countries at one time. The arrows above and below indicate other possible countries. Scroll through the list of countries with the \blacktriangledown and \blacktriangle keys.

On the screen that is displayed, the **Automatic** option is already selected. Press **OK**.

The screen displayed is a set-up screen for the allocation of input terminals.

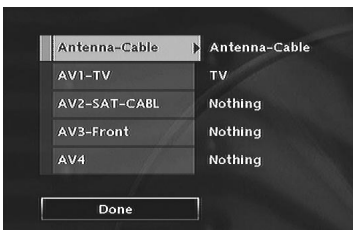


7. If you connected your devices as indicated on page 3, check that **Antenna-Cable** has been allocated to **Antenna-Cable**, otherwise change the allocation using the \blacktriangleright key on the remote control. For the other selections (**AV2**, **AV3**, **AV4**) leave them allocated to **Nothing** and continue to step 8.

*Note: Other terminal settings (set with the \blacktriangle \blacktriangledown / \blacktriangleleft \blacktriangleright keys). The **AV2-SAT-CABL** connection is intended for a satellite or cable receiver. The installation of a satellite or cable receiver is explained on page 10.*

AV3-Front and **AV4** correspond to the **IN** or **INPUT** inputs of a device supplying Composite Video signals (CVBS) or S-Video. The **Other** option is for connection of another device (video recorder...).

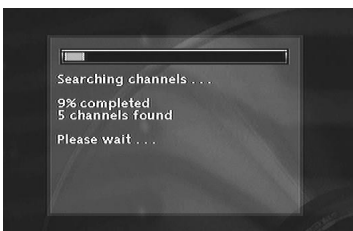
Nothing: If no device is connected to the socket concerned.



8. Then select the **Done** line with the \blacktriangledown key, and press **OK**.

An installation window will appear. A cursor shows the progress in the set-up of the channels. You will need to wait a fair amount of time. When all the channels that you can receive in your area have been stored, **100 %** is indicated. The number of channels found is indicated by **XX channels found**.

Press **OK**.



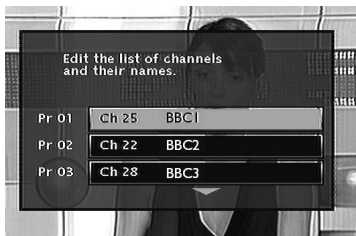
*Note: Your DMR is equipped with the **AV Link** function. This function simplifies channel set-up by downloading them from an AV Link or similar television set (Easy Link, Smart Link, Megalogic, etc.) which is already set up. The channels downloaded in this way keep the same characteristics as those of your TV set (same number, name, etc.). Your DMR's AV Link downloading function is enabled (factory setting). If you wish to de-activate this function, see page 49.*

Connections and initial set up

Sorting the channels

9. A channel sorting window will appear. The picture of the selected channel is shown in the background.

The automatic channel search has assigned numbers to the channels in a predefined order. These numbers may not be the numbers you would have chosen. Should this be the case, you can change these numbers by following the instructions at the bottom of the screen. For easy channel identification, we suggest you have a TV magazine at hand.



Note: Channel sorting instructions:

Move: press **OK** (then the **▼** and **▲** keys until you reach the desired position (Pr no. on the left of the list then **OK**: swapping of the 2 channels).

Delete: **CLEAR** key.

Rename: **INFO** keys, then **▼** and **▲** to search for a name on the list. Validate by pressing **OK**.

Decoder set-up: **AV** (key (displays a symbol in the list of channels)).



10. When all channels have been sorted to your liking, press the **▶** key.

Your DMR has an automatic time (and date) setting function. In general, no setting is required on your part.

11. If the time and date information is correct, press twice on **OK**. The Main Menu of the DMR is displayed: the installation of the channels is now complete.

Clock setting

AutoClock: If the date and time information is not correct, adjust the clock as described below, then check in the **Installation** menu that the automatic time setting is activated. This menu is reached from the **Setup** menu (see page 49). Setting the time and date on the DMR is important for the proper operation when recording programmes and for optimum downloading of the programmes guide **NAVICLICK**.



1. Select **Year**. Enter 4 digits for the year (2, 0, 0, 3 for 2003).
2. Then enter the 4 digits of the date (press 1, 2, 0, 5 for 12th May).
3. Enter the 4 digits of the time (press 1, 5, 5, 9 for 15:59 (03:59 PM)).
4. Then press **twice** on **OK**. The Main Menu will appear again. Channel set-up is complete.

Note: You can now use your DMR and take advantage of its numerous functions. If you want to connect a satellite receiver to your DMR refer to page 10 for the recommended connection. You can also complete your installation through the settings available in the **Options** menu (refer to pages 48-49). These adjustments depend on the other devices that you are likely to connect to your DMR.

If you want to redo the automatic channel set-up, you will have to select **Interactive setup** in the **Installation** menu (in the **Setup** menu).

Connections and initial set up

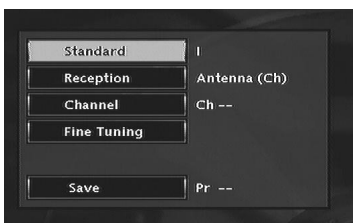
Manual channel search

If you want to set up a new channel, use the manual search procedure which will enable you to add a channel to the ones already set-up on your DMR. The channels already stored will not be deleted. During the initial installation, if you carried out the automatic installation described on page 6, you do not need to carry out the steps shown on 8 and 9.

1. If the main menu is not displayed, press the **MENU** key.
2. Select the **Setup** line using the **▲** and **▼** keys, and press **OK** to validate.
3. Select the **Installation** line using the **▲** and **▼** keys, and press **OK** to validate.
4. Select the **Manual Search** line using the **▲** and **▼** keys, and press **OK** to validate.
5. Select your country of residence using the **▲** and **▼** keys on the remote control, and press **OK**.

A set-up window will appear. The **Standard** line is highlighted.

6. Select your country's TV standard using the **▶** key.




Note: the standards displayed depend on the country selected in step 5.

FRANCE (LL') for France,
EURO BG (BGH) for Western Europe.
DKK' for Eastern Europe.
I for the United Kingdom.

7. Select the **Reception** line using the **▲** and **▼** keys, and use the **▶** key to choose the type of antenna.
 - Reception through external antenna: select **Antenna (Ch)**.
 - Cable reception: select **Cable (Ca)**.
8. Select the **Channel** line using the **▲** and **▼** keys.
9. Press **PR+** to start the manual search.

The search starts. When a channel is found, the picture appears in the background. The channel number is indicated (e.g.: **Ch 06**).

If the channel is encoded, press **AV** to display the pictogram  next to the channel number. In this case, plug a decoder into the blue AV2 socket of the DMR.

If the picture is poor, select **Fine Tuning** using **▲** and **▼** and adjust with **PR+** or **PR-**.

10. When you have got the correct image and sound on the channel, select the line **Save** with the **▲** and **▼** keys, and allocate a channel number with **PR+** or **PR-** or the numbered keys on the remote control. Press **OK** to store the number that you have assigned to the channel.

The **Channel** line is once again highlighted to start a new search. Repeat the procedure from step 9 to search for a new channel or press **MENU** to exit the manual set-up.

Connections and initial set up

Channel update

If new channels make their way into the audiovisual scene, you will have to update your DMR's list of channels. In such a case, start a new channel search from the installation menu. This set-up deletes all stored channels and resets all the channels that your DMR can receive. If you only want to set-up a single channel, refer to the manual search on page 8.

1. If the main menu is not displayed, press the **MENU** key.
2. Select the **Setup** line using the **▲** and **▼** keys, and press **OK** to validate.
3. Select the **Installation** line using the **▲** and **▼** keys, and press **OK** to validate.
4. Select the **Channel search** line using the **▲** and **▼** keys, and press **OK** to validate.



An installation window will appear. A cursor shows the progress in the set-up of the channels. When all the channels that you can receive in your area have been stored, **100 %** is indicated. Press **OK** to return to the **Channel search** line. Press **MENU** to return to the Main Menu.

Time set

Your DMR has an automatic time setting system which recognises the time signals put out by certain channels. If your DMR is not set at the right time, you can reset it by following the instructions below:

1. If the Main Menu is not displayed, press the **MENU** key.
2. Select the **Setup** line using the **▲** and **▼** keys, and press **OK** to validate.
3. Select the **Installation** line using the **▲** and **▼** keys, and press **OK** to validate.
4. Select the **Manual Clock** line using the **▲** and **▼** keys, and press **OK** to validate.



5. **Year** is highlighted. Enter the year's 4 digits (press **2, 0, 0, 3** for 2003).
6. Then enter the 4 digits of the date (press **1, 2, 0, 5** for 12th May).
7. Enter the 4 digits of the time (press **1, 5, 5, 9** for 15:59 (03:59 PM)).
8. Press **OK** to confirm

Sorting the channels

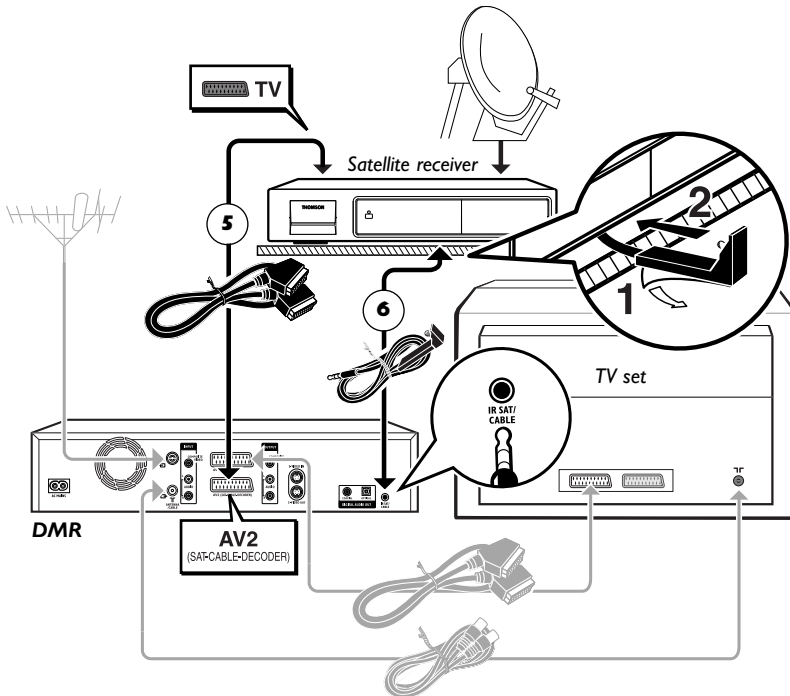
1. If the Main Menu is not displayed, press the **MENU** key.
2. Select the **Setup** line using the **▲** or **▼** keys, and press **OK** to validate.
3. Select the **Installation** line using the **▲** or **▼** keys, and press **OK** to validate.
4. Select the **Channel List** line using the **▲** or **▼** keys, and press **OK** to validate.
Refer to the **Sorting the channels** paragraph on page 7 to check or sort out the channels stored on your DMR.

Connections and initial set up

Satellite or cable receiver

Your DMR is intended to control a satellite or cable receiver. In this case, the device must be connected to the AV2 and IR SAT/CABL connections of the DMR. Connect cables (5) (not supplied) and cable (6) the G-LINK cable (supplied) as shown below.

*Note: In grey: connections already carried out (connections from page 4),
In black: new connections.*



G-LINK CABLE - Adjusting your DMR's IR (infrared) controller cell

You need to find the correct positioning of the IR controller cell in relation to the front of the satellite or cable receiver so that your DMR can transmit the commands as you would do with the satellite receiver's remote control. The IR (infrared) controller cell must face the receiver cell of the satellite receiver. You can locate the receiver cell of the satellite receiver by bringing its remote control as close as possible to the front of the device and trying to change channels. Move the remote control one centimetre and try again. When the channel of the satellite receiver changes, locate the position on the front of the unit. Then install the IR controller cell as shown on the diagram below, facing the cell of the satellite receiver (1 or 2 cm away). If need be, use the adhesive supplied to stick the cell in place.



Connections and initial set up

DMR / satellite or cable receiver settings

1. Switch on your TV set, your DMR, then your satellite or cable receiver.
2. Place the receiver on channel **02**.

With your DMR's remote control, carry out the following settings:

3. If the main menu is not displayed, press the **MENU** key on the remote control.
4. Select the **Setup** line using the **▲** and **▼** keys, and press **OK** to validate.
5. Select the **Installation** line using the **▲** and **▼** keys, and press **OK** to validate.

The **Interactive setup** line is already selected. Press **OK**.

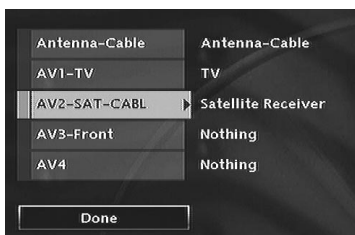
6. Choose a display language for the following screens.

7. Select your country of residence using the **▲** and **▼** keys, and press **OK**.

The **Automatic** line is already highlighted, press **OK**.

The screen which appears is a set-up screen for the allocation of input terminals.

8. If you connected your devices as indicated on page 10, check that **AV2-SAT-CABL** has been allocated to **Satellite Receiver**, or **Cable Receiver** otherwise change the allocation using the **►** key.



*Note: **Cable Receiver** or **Satellite Receiver**: to connect with a satellite or cable receiver terminal on the AV2 socket of your DMR (connection shown on page 10). The other settings are explained on page 6.*

9. Then select the line **Done** and press **OK**.



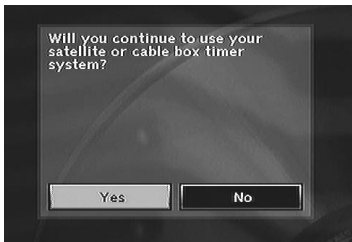
*Note: an installation window will appear. A cursor shows the progress in the set-up of the channels. When all the channels that you can receive in your area have been stored, **100 %** is indicated.*

Press **OK**.

From now on, follow on-screen instructions appearing in the various windows. If need be, refer to the additional explanations given below.

Connections and initial set up

10. Deactivating the programming of the satellite or cable receiver

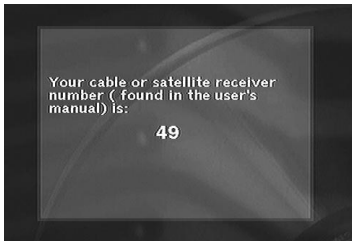


Yes is selected to deactivate the programmer. In that case, all your satellite recordings will have to be programmed from your satellite or cable receiver (this is the recommended setting).
Leave **Yes** selected and press **OK**.

11. IR controller connection

Refer to the diagram on page 10, follow the instructions on the screen and press **OK**.

12. Enter the receiver code



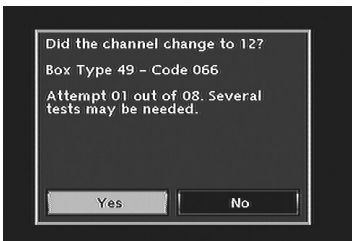
Now key in your receiver's satellite code number (refer to the table on the next page), then press **OK** to validate. If the brand or model of your satellite or cable receiver is not shown, try other numbers in the list displayed. If unsuccessful, contact your retailer.

*Note: your DMR asks you to display channel **2** on the satellite receiver. However, with some receivers, it is preferable to display channel **0, 02** or **002**.*

13. Press OK to start the test

The DMR sends a signal to your satellite receiver via the infrared controller cell. A configuration menu will appear as the satellite receiver positions itself on channel 12 (check that channel number 12 appears on the display panel of the satellite receiver, sometimes fleetingly, and even if no picture is visible on the TV screen).

If the satellite receiver is not on channel 12, select **No** with the **<** and **>** keys and press **OK**.



Your DMR sends a new command to the satellite receiver (several tests are possible depending on the brand of your satellite receiver).

If the satellite receiver goes on to channel 12, select **Yes** with the **<** and **>** keys and press **OK**. If unsuccessful, repeat the settings, starting at step 11, but with the satellite receiver positioned on channel **0, 02** or **002** instead of **2**.

A channel sorting window will appear. The picture of the selected channel is shown in the background. Refer to page 7 to sort the stored channels or set the time on your DMR if necessary.

Your DMR is now ready to control your satellite receiver to program recordings.

Connections and initial set up

The list of codes is given as a guide. The codes given are generally those which are recognised by the receivers of the brands quoted. However, they may not correspond to your device if it is an older or more recent model. In such a case, contact your retailer.

List of satellite receiver codes

AKAI	13	NETWORK	31
ALBA	01, 13, 333, 550, 555, 666	NIKKO	32
ALDES	02	NOKIA	23
ALLSAT	04	NORDMENDE	19, 33
AMSTRAD	03	OXFORD	08
ARMSTRONG	06	ORBITECH	47
BEST	07	PACE	19
B.TELECOM	13, 08	PALADIUM	21
BUSH	19, 01, 09	PALCOM	35
CANAL SATELLITE NUMERIQUE (1)	20	PALSAT	29
CAMBRIDGE	11, 13	PANASONIC	19, 36
CHANNEL MASTER	11	PHILIPS	20
CHAPARRAL	18	PROSAT	19
CITIVISION	10	QUADRAL	38
CITYCOM	26	REDIFFUSION	39
COLUMBUS	35	RFT	20, 21, 26
CONNEXIONS	14	SABA	02, 05, 40, 49
DISKEXPRESS	07	SABRE	58
DNT	15	SAKURA	41
DRAKE	16	SALORA	23
EXATOR	37	SAMSUNG/JUPITER	42
FERGUSON	12	SEEMANS	43
FINLUX	34	SENTRA	44
FUBA	35, 37	SONY	46
GOODMANS	19	SUNSTAR	06
GRUNDIG	19-21	TATUNG	32
HIRSCHMANN	22	TECHNISAT	48
HITACHI	19	TELECIS	19
JOHANSSON	25	TELEDIREKT	43
JVC	19, 08	TELEFUNKEN	19, 49
KATHREIN	26	TELEPIU	59
MANHATTAN	25	TELEVES	56
MASPRO	27	THOMSON	49, 50
MATSUI	21	THORN	58
MIMTECH	28	TOSHIBA	19, 51
MINERVA	21	TPS	67
MITSUBISHI	19	UNIDEN	52
MORGAN	06	UNIVERSUM	21
NAGAI	29	WINERSAT	25
NEC	30	WISI	53
		WOSLEY (TANDY)	54

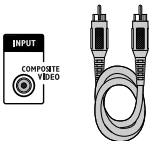
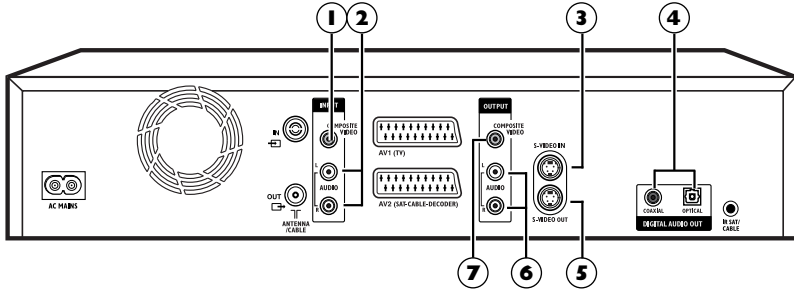
List of cable receiver codes

CABLESTAR	60	NOOS	20-67
CABLETIME	60	OAK	63
GI	61	SCIENTIFIC ATLANTA	64
IMPULSE	61	VISIOPASS	20-67
JERROLD	61	VIDEOTRON	66
MACOM	62	VIDEOWAY	66



Connections and initial set up

The connections proposed on page 4 permit the rapid connection of your DMR and ensure optimum sound, visual quality (RGB) and standards. Depending on the sockets available on your other devices or to benefit from the maximum performance of your DMR you may make other connections. The DMR has other sockets for this purpose.

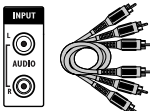


RCA socket and cable for CVBS
Video signal, also called Composite.

Sockets and cables (inputs)

1 - Video in - Composite (CVBS) (COMPOSITE VIDEO INPUT)

The yellow video socket also known as composite video (or CVBS): the image quality provided by this socket is less better than all the other video sockets. Only use this socket if all the other sockets are already in use.

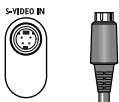


RCA sockets and cables for analogue L and R audio signal.

2 - Audio inputs (INPUT L, R)

The analogue sound of an operating device (television set or amplifier) can be input via the 2 Audio sockets L and R of your DMR. If you do not use the recommended connection, i.e. the Peritel (Scart) socket, you must, as well as the video connections (CVBS or S-VIDEO) connect the outputs Audio L and R of the operating device to the Audio L and R inputs of your DMR.

Note: the audio sockets and cables are generally identified by a colour code (red for the left channel and white for the right).



Ushiden socket and cable for Y/C Video signal, also called S-Video.

3 - S-Video input (Y/C) (S-VIDEO IN)

The S-Video signal is of a lesser quality than that of the RGB signal supplied by the Peritel (Scart) socket. The S-Video signal however gives a better image quality than the composite video socket (C) since black and white (Y) is separated from colour in the video signal.

Note: do not forget to connect the audio cables since the S-Video cable transmits only images, not sound.

Connections and initial set up



Optical socket and cable for digital audio signal.



Coaxial socket and cable for digital audio signal.

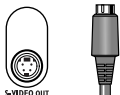
Sockets and cables (outputs)

4 - Optical and coaxial Out sockets (DIGITAL AUDIO OUT)

The digital sound of a disc being played is permanently available on the optical and coaxial sockets of your DMR. Use one of these sockets by connecting it to a decoder or a DTS or Dolby Digital amplifier. Some of these appliances are equipped with a coaxial In socket (COAXIAL) or an optical In socket (OPTICAL), while others are equipped with both sockets. Choose one of the two connections.

Note: in most cases these two types of connection give similar results; the only difference lies in the type of cable used and the cost of these cables, the coaxial cable being the least expensive one to buy. However it sometimes happens that some coaxial cables are parasitized by high frequency interferences caused by household electrical appliances, high voltage electric cables or radio transmitters.

EN

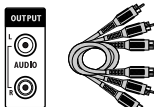


Unshielded socket and cable for Y/C Video signal, also called S-Video.

5 - S-Video out socket (Y/C) (S-VIDEO OUT)

The S-Video cable provides a video signal of lower quality than the Peritel (Scart) socket. An S-Video signal however provides a better quality image than a composite video socket, because colour (C) is separated from black and white (Y) in the video signal.

Note: do not forget to also connect the audio cables, because the S-Video cable transmits images and not sound.

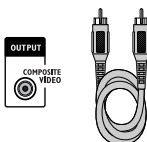


RCA sockets and cables for analogue L and R audio signal.

6 - Audio outputs (OUTPUT L, R)

The digital sound output from a disc being read is permanently available at the two audio sockets, L and R, of your DMR. If you do not use the recommended Peritel (Scart) connection to the television (paragraph 3 page 4), you must, as well as one of the video connections (CVBS or S-VIDEO) connect the Audio outputs, L and R, of your DMR to the Audio inputs, L and R, of your television set (or amplifier).

Note: audio sockets and cables are usually identified by a colour code (red for the left channel and white for the right channel).



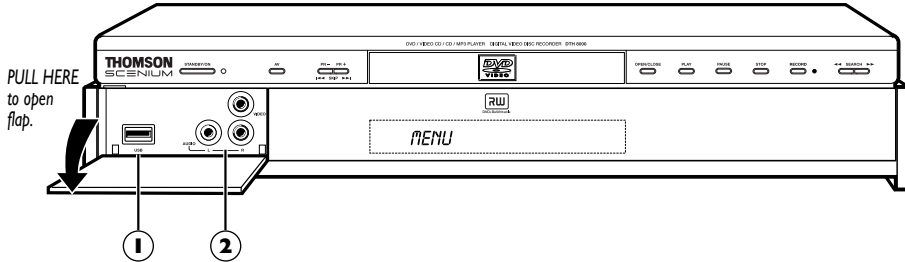
RCA socket and cable for CVBS Video signal, also called Composite.

7 - Composite Video Out socket (CVBS) (OUTPUT COMPOSITE VIDEO)

The yellow video socket is also called composite video, or CVBS. The image quality delivered by the video socket is the least good of all video connections. Only use this socket if all other sockets are already in use.

Connections and initial set up

The sockets located behind the flap on the front panel allow for easy connection when displaying or copying images and sound from a Camcorder or a memory card reader.



Front sockets (inputs)



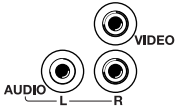
USB

1 - USB socket

The USB socket enables you to read and/or copy from a memory card reader, JPEG images stored through a digital camera or mp3 files from an mp3 recorder.

*Note: **recognised players:** USB 1.1 MASS STORAGE CLASS.*

Select the USB socket in the main menu after connecting a card reader with a card in the player.



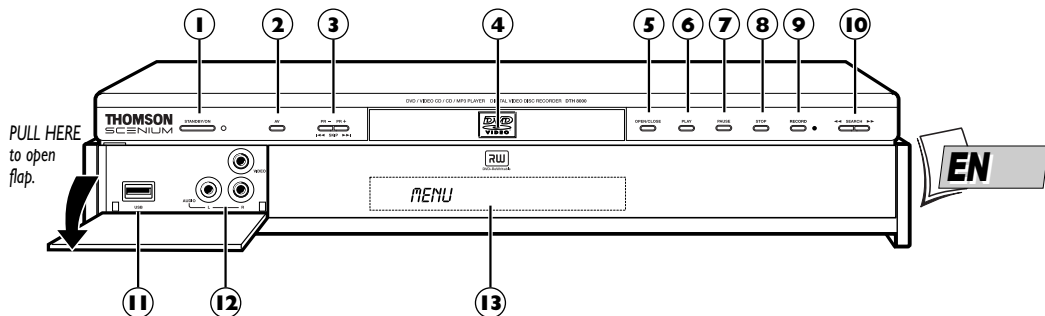
2 - AV sockets (Audio/Video)

The **AUDIO-VIDEO** sockets facilitate the viewing or copying of your video sequences from a Camcorder or any other AV device supplying a composite video signal and analog stereo sound.

*Note: select the socket displaying **AV3** on the front panel with the **AV** key.*

Connections and initial set up

The keys on the front




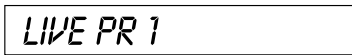
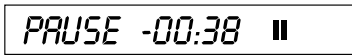
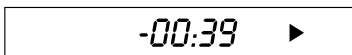



- 1** **STANDBY/ON** - To switch your DMR on or off.
- 2** **AV** - To select the audiovisual sources (channels or devices connected to the AV sockets):
PR 1,2,3 - Channel 1, 2, 3.
PR 1 - Device connected on **AV1** (TV set).
PR 2 (or *SRT* if an installation with a satellite or cable receiver has been carried out)
 - Device connected on **AV2** (satellite receiver).
PR 3 - Front **AUDIO/VIDEO** sockets.
PR 4 - Rear **AV** sockets (**S-VIDEO** or **AUDIO/VIDEO**).
- 3** **PR- / PR+ / I◀◀ SKIP ▶▶I**
 To change channels (page 22).
 Skips forward or backward a chapter (page 35).
- 4** Disc tray.
- 5** **OPEN/CLOSE** - To open and close the disc tray.
- 6** **PLAY** - To play a disc inserted in the DMR's disc tray (4) or resume viewing a program after a television pause.
- 7** **PAUSE** - Pause during playback (audio CD or mp3) or pause on an image (DVD).
- 8** **STOP** - To stop play (press once) or to stop recording in progress using the **Channels** menu (press twice).
- 9** **RECORD** - To start recording a TV programme (the red indicator lights up) and if necessary to adjust recording time by pressing repeatedly. Each press on the **RECORD** key extends recording time by 30 minutes.
 → 0h30 → 1h00 → 1h30 → 2h00 → 2h30 → 3h00 →
- 10** **◀◀ SEARCH ▶▶I**
 Fast forward or reverse (page 33).
- 11** **USB** - USB socket to connect a card reader (page 16).
- 12** **Audio/Video** sockets: to connect a camcorder or other AV device.
- 13** **Display panel** - Displays your DMR's modes of operation (page 18).

Connections and initial set up


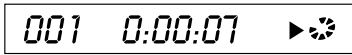

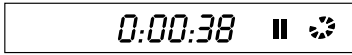
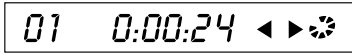
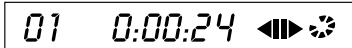
The messages on the display

Note: the brightness of the light on the display can be adjusted. Refer to page 48 about how to do this.


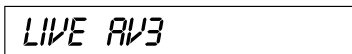
TV Functions

	Main menu displayed on screen (device stopped). No function selected.
	Real-time viewing. TV mode activated; channel 1 being watched.
	Pause of the channel being watched. Time Shift mode activated: the program is frozen while the rest of the TV program continues to be recorded.
	Delayed viewing of the selected channel. After a pause, you resume viewing where you left off while the end of the program continues to be recorded; the time difference between delayed viewing and real-time broadcast is displayed (-39 seconds in this case).
	Return to real-time viewing (key LIVE).
	The TV programme on the channel selected starts recording. Channel 1 is then indicated during recording.
	

With a disc

	Start of disc playback.
	DVD playback.
	Playback of an Audio CD or VCD.
	Pause of Audio CD or still frame (DVD,VCD).
	Fast forward (>) or reverse (<).
	Slow motion, forward (<<>) or backward (<<<).

Other indications

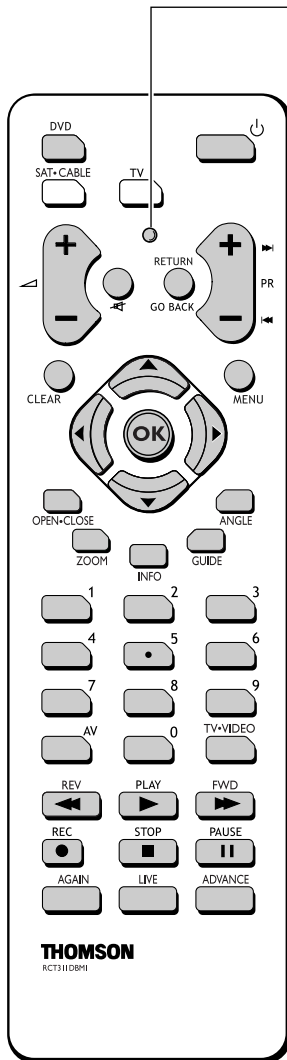
	Naviclick programmes guide displayed on the screen.
	The source selected is indicated (with the AV key): <ul style="list-style-type: none"> • AV 2 or SAT after installation of a satellite receiver (page 10 and following pages). • AV 3: AUDIO/VIDEO input sockets on the front. • AV 4: AV/ S-VIDEO or AUDIO/VIDEO input sockets at the rear. • PR 1: Channel 1.

Remote control



The remote control handset supplied with your DMR is a 3 in 1 type remote control. It allows 3 devices to be controlled: your DMR, a television set and a satellite or cable receiver. Thus you have remote control of all these devices by using the 3 modes: DVD, TV or SAT•CABLE that are accessed by 3 corresponding keys. This page describes the keys that control your DMR (in DVD mode).

For description of the TV and SAT•CABLE functions, see the following page.

Description of keys in DVD mode



Signal lamp - this shows the status of the remote control when it is being used to program or to control another device. It also indicates that the batteries level is low by flashing several times when a key is pressed.

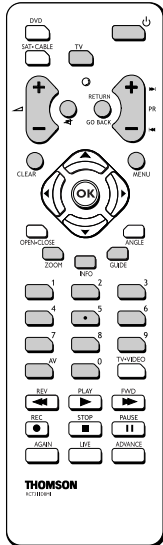
-  Switches the DMR on or off.
- DVD** Sets the remote control unit in DVD mode (by pressing once), enabling you to control your DMR.
- PR**  Skips forward or backward a chapter (DVD) or track (CD).
- RETURN** Returns to the previous menu.
- MENU** Displays the DVD disc menu while a disc is being played.
- CLEAR** Return to the main menu.
- OPEN-CLOSE** Opens and closes the disc holder of the DMR.
- ZOOM** Enlarges the picture during playback, slow motion or pause mode.
- INFO** Displays the DMR information banner on the TV screen while a disc is being played.
- GUIDE** Displays a sub-menu on the disc (where available on the disc).
- ANGLE** To access a choice of angles of an image if available on the disc.
- 0 to 9** To enter information (chapter, track number, ...).
- TV-VIDEO** Transmission of TV images from the DMR to those on the TV set connected to the AVI.
- REV** Fast backward while a disc is being played.
- PLAY** Plays a disc.
- FWD** Fast forward while a disc is being played.
- REC** To record the TV program watched onto the hard disc.
- STOP** Stops disc playing or recording.
- PAUSE** For standby when reading a recorded programme or still picture (DVD).
- AGAIN** Skip back – to have another look at the last few seconds when reading a programme or disc.
- LIVE** To view the program being broadcast in real time.
- ADVANCE** Jumps ahead by approximately 30 seconds.

EN





Remote control

Using the remote control handset to control your television and satellite or cable receiver

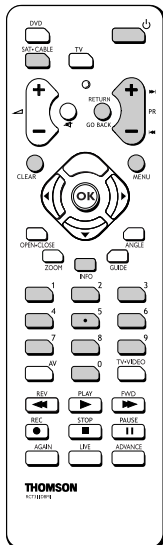
The DMR remote control handset is a 3 in 1 device that allows you to control the operation of 3 devices: your DMR, a television set, or satellite receiver. This page describes the keys that control your television set and your satellite or cable receiver if they have the same functions.





Controlling a TV set

- TV** Sets the remote control unit in TV mode (by pressing once) and enables you then to control your TV set.
-  Switches the TV set on or off.
-  Volume control.
-  Switches sound off or on again.
- PR**  Switches channel or selects an AV socket.
- AV** Selects an AV socket.
- 0 to 9** Keys enter digital values or change channel.
- ZOOM** Enlarges (zooms in on) the picture on some TV sets.
- MENU** Displays main TV set menu.
- RETURN** Returns to the previous menu.
- CLEAR** Removes menu or other information displayed on the screen.
- GUIDE** Displays TV programme guide.
- INFO** Displays information about the channel.

Note: colour keys enable one to use the teletext function on THOMSON TV sets.



Controlling a satellite or cable receiver

- SAT-CABLE** Places the remote control in the SAT-CABLE mode (press once) and then enables you to control your satellite or cable receiver.
-  To turn on or off the satellite or cable receiver.
- PR**  Switches channel.
- 0 to 9** Keys enter digital values or change channel.
- MENU** To display the main menu of the satellite or cable receiver.
- RETURN** Returns to the previous menu.
- CLEAR** Removes menu or other information displayed on the screen.
- GUIDE** Displays the Naviclick page (if available).
- INFO** To display the info on the channel or operation of the satellite or cable receiver.

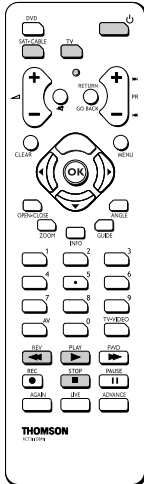
Remote control - Code A-B

With certain devices (combined TV/DVD or other DVD player) it may happen that your DMR controls the DVD player of the other device. In this case you can adjust your remote control and the DMR on another code known as code B (adjustment shown on page 57).

Remote control



Programming the remote control

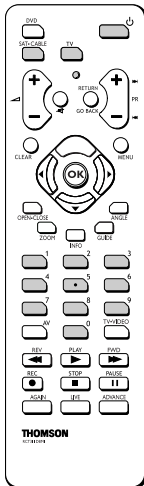
If your remote control does not control your satellite receiver (or cable) or your television set you will need to configure it using one of the two methods proposed: automatic code search or manual programming.



Automatic code search

This method can be used to automatically find the most appropriate code for your appliance.

1. Switch on the appliance you wish to use the remote control with.
2. Press the relevant key for this appliance on the remote control, and while holding this key down, press the  standby key until the remote control light comes on. Release the two keys.
3. Point the remote control at the appliance and press **PLAY**. Wait until the light stops flashing. If the appliance has not gone into standby mode after five seconds, press the **PLAY** key again to continue the search for the next set of codes. Repeat this operation until the appliance goes into standby mode. There are 20 sets of codes.
4. When the appliance goes into standby mode, press the  key on the front to switch it on again. Then press the **REV** key to put it back in standby mode, and if necessary, keep pressing until the appliance goes into standby.
5. Press the **STOP** key and hold it down until the remote control light goes off.




Manual programming

This method involves carrying out a manual search for the codes to be used for controlling your other appliances.

1. Switch on the appliance you wish to use the remote control with.
2. Press the corresponding key on the remote control, while holding it pressed down, enter one of the codes corresponding to the brand of the device (Thomson Group codes on the bottom left of this page, other brands can be found in the "Related documents" leaflet).

If the remote control light flashes you have entered the wrong code or it is not possible to program the remote control.

3. Point the remote control at the appliance and press the relevant key. Press the  standby key.

If the appliance does not go into standby mode, try another code.

Depending on the year of manufacture and the type of appliance, some functions may not be available.

Certain codes may cover more functions than others. Test the functions you can control and, if appropriate, try other codes.

Note here the code(s) which work best.

SAT Codes: 5000, 5001, 5031, 5037, 5043, 5064, 5065, 5066, 5058, 5084.

TV Codes: 1000, 1001, 1002, 1016, 1024, 1033, 1041, 1051, 1089, 1096, 1127, 1128, 1129, 1130, 1134, 1135, 1148, 1151.

TV			
SAT-CABLE			

Note: when you **change** the remote control's **batteries**, remember to **reprogram** it.

Recording functions

To watch TV Programmes

To take full advantage of the TV functions and TV program recording features, your DMR must be used as if it were at the centre of your TV setup. The connection shown on page 4 will allow you to do this. Consider your DMR as a television set without a screen and your TV set as a screen only. The channels will therefore have to be selected from the DMR and its remote control

1. Turn on your television set.
2. Turn on your DMR using the **STANDBY/ON** key. The time displayed on your DMR is replaced by the word **MENU**.
 - After a few seconds the main menu of the player appears on the television screen.
 - **Channels** function is already selected.



Note: turn off non used devices to avoid problems of selecting sockets or other types.

*If the main menu of the player is not displayed on the television screen, check and/or select the Scart socket to which you connected your DMR (see page 4 - AV1 selection). Generally the selection is carried out using the **AV** key on the television set remote control.*

3. Press the **OK** key of the remote control or one of the **PR+/PR-** keys on the front panel.
 - The images of the last watched channel appear.
 - Encrusted within the image is information on the channel and programme. This disappears after several seconds.



*Note: when the information banner is displayed at the top of the screen you have the possibility of choosing an audio channel (if this is provided by the channel) using the **➤** key on the remote control.*

*To display information again, press the **INFO** key of the remote control.*

4. Change the channel with the **PR+/PR-** key or the remote control number keys. To select a channel on a device connected to your DMRs use the **AV** key of the remote control or press **PR+/PR-** several times.

Recording functions

Putting the television on pause (Pause Live TV)

Your DMR allows you to answer the phone without missing a single moment of the TV program you were watching. All you have to do is press **PAUSE**.

- The broadcast is frozen. You have 45 to 90 minutes to record the broadcast according to the setting selected (page 49). After this period the recording continues but the first few minutes will be deleted for the benefit of the following minutes.

To resume watching the program where you had left off, press **PLAY**.

- From that moment, the program is watched in delayed viewing. To watch the program in real time, press **LIVE**.

*Note: Once you have activated the **Pause Live TV** mode, you cannot change channels since the recording of a TV program onto the hard disc does not allow the change of channels.*



Record the current programme

Your DMR has the same recording functions as a VCR. Only the recording medium is different (a hard disc instead of a video cassette). The capacity of your hard disc depends on the quality you set for your recordings. Refer to page 43.

Replaying what you missed

When you watch a TV program in real time, you can at any time go back a few minutes to replay a scene. This is made possible because the program you are watching in real time is constantly being recorded in buffer memory which records up to 90 minutes.



- To select and replay the scenes you want to see again, use the **REV**, **FWD**, **PLAY**, **PAUSE** and **STOP** keys.

Recording the current program

To record the program you are watching, press **REC**. Recording is confirmed by the message **RECORD** which appears for a few seconds on the DMR's display panel. An information banner is also displayed along with the picture for a few seconds. To display it again, press the yellow **INFO** key.



*Note: once you press **REC** to start a recording, you can no longer change channels.*

*To see your program recordings, refer to the **VIDEO** menu on page 41.*

Stopping the recording

Press **STOP** to stop the recording.

A confirmation menu appears. Follow the instructions.



*Note: To avoid recording images that are of no interest to you, select the temporary stop using the **▲/▼** keys, (this is useful when copying images from a camcorder). Press ok to resume the recording. Select the complete stop to fully stop the recording.*

In all cases, follow on-screen instructions.

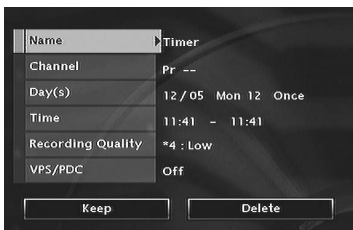
Recording functions

Programming a TV recording

You can record a future programme by programming its recording time. For this you have the choice of manual programming or Naviclick programming, explained on page 26.

Recording with the timer

- From the main menu (**MENU** key in stop mode) select the **Recording** then **Timer** option and then **▲** or **▼** keys and **OK**.
 - The **Timers** screen is displayed. It contains a list of all the deferred recordings that you have already programmed, whether carried out manually, as explained below, or using the **Naviclick** function explained on page 26. If nothing has been programmed the screen simply displays **New**.
- Press the **OK** key.
 - The programming menu is displayed. This menu allows you to define all the parameters necessary for a deferred recording. Select each parameter with the **▲** and **▼** key and enter the corresponding information with the number keys or the **►** key as described below.



Note: your DMR has a programming monitoring system. You can schedule up to 16 recordings. If the programming of two recordings overlaps, a warning message will be displayed.

3. Name

Give a **Name** to your programme. Press the **INFO** key to access the keyboard table. Use the keys **▲**, **▼**, **►**, **◀** and **OK** to compose the title of the recording letter by letter. When complete, select **Keep** with **►** and press **OK**.

4. Channel

- Enter the channel number using the digit keys of the remote control (**Pr --** must be displayed) or browse the list of channels in the memory of the DMR using the **PR+/PR-** key.
- Or select one of the Audio-Video (AV2, AV3, AV4) sockets to which is connected a device (satellite receiver or other) using the **►** key (the socket details are shown on page 17).

5. Day (s)

Using the digit keys on the remote control type in the date, if the recording is not made the same day, and / or select a period using the **►** key.

Once: to record the selected programme according to the parameters you have defined.

Every Mon: to record the same programme the same day every week starting from today (supposing today is Monday).

Mon-Fri: to record the same programme, everyday at the same time from Monday to Friday.

6. Start time and stop time

Enter the recording start time and then the stop time.

Recording functions

7. Recording quality

Select a recording quality from the 4 proposed using the **►** key.

***1 : High, *2 : Normal, *3 : Basic, *4 : Low.**

*Note: choice of quality enables you to adapt the recording time on the hard disc. The higher the quality the bigger the space used on the hard disc. Select one of the following options: **high, Normal, Basic** (base) or **Low**.*

*When empty the hard disc of your DMR can contain around 120 hours of recording for a ***4: Low** quality adjustment (20 hours in ***1: High**). The figure **1** to **4** is displayed in the information banner when playing the recording. The quality choice is only valid for one particular programming session.*



8. VPS/PDC

Activate the **VPS/PDC** function using the **►** key to trigger recording at the actual time of the beginning of the broadcast. If the channel broadcasts VPS/PDC signals you can avoid the consequences of any delays in broadcasting. This adjustment is only valid for this programming session and for channels received via the aerial (PR -).

9. Keep

Memorise your programming by selecting **Keep** with the **▼** key and confirming with the **OK** key.

- The Programming screen reappears. Your programming is now displayed in the chronological list of programming already carried out. On this screen it is only possible to display 5 programming sets from the maximum 16. If you have carried out more than 5 programmings, to see the others press the **▲** and **▼** key.



*Note: to check (or delete) programming parameters, select a name and press **OK**. The programming parameters menu appears. Correct the parameters as shown in steps 1 to 9 or delete the programming by selecting **Delete** and confirming with the **OK** key.*

10. Return to the main menu using the **MENU** key in order to continue to use your DMR or turn it off using the **STANDBY/ON** key.

Recording functions

Naviclick programmes guide

For certain channels your DMR offers a daily and sometimes following day TV programme guide. The information that it provides come from the Teletext and NexTVView services broadcast by certain channels. The updating of Naviclick information is carried out once every 24 hours. Naviclick allows you to display on your screen the programmes of those channels and to select the broadcasts you wish to record simply by clicking on them.

Consulting the TV guide with Naviclick

1. When you are watching a channel, press the **GUIDE** key to display the **Naviclick** page.



*Note: the downloading of Naviclick data (at 3am or 8am) can be quite long (up to 2 hours). During this time you should not use your DMR, nor turn it on or have a programme programmed for recording during this updating time (from 3am to 5am or 8am to 10am) otherwise the information will be lost. For countries that provide the NexTVView service we recommend that you set the downloading time to 3am. The full guide of TV programmes can only be consulted the following day after an initial installation. It is necessary to allow your DMR to download the guide at the time set in the **Naviclick Setup** menu (page 54).*

2. Use the **<**, **>** keys to go from one page to another (from one channel to another) or to browse through the current channel's list of programs (**▲**, **▼**). To consult the programs of the channels at a given time, choose a program from the list (e.g.: 9 o'clock news) and use the (**<**, **>**) keys to move on to the programs of the other channels.

Note: if the Naviclick guide does not give you satisfaction, check the parameters as shown on page 54.

Recording through the Naviclick TV guide

1. Select a channel on your DMR.
2. Press the **GUIDE** key and wait for the Naviclick page to appear.
3. Use the **▲**, **▼** keys to place yourself on the program you want to record. To go from one channel to another, use the **PR+/PR-** keys or **<**, **>** keys.
4. Press **OK** to confirm your selection.

The programming contents appears. It tells you which recordings have already been programmed. Press the **MENU** key to return to the Main Menu or for more details on each programming set, select the one that interests you with the **▲**, **▼** keys and confirm with **OK**. The **Timer** menu appears with all the programming parameters. You can correct this data then select **Keep** to validate the programming. Press **CLEAR** to remove the on-screen informations.

5. You can turn off your DMR or leave it turned on. In this case the DMR will automatically seek the channel to automatically record at the correct recording time.

Note: for the correct downloading of the programme guide, the clock of your DMR must be set (page 7).

Recording functions

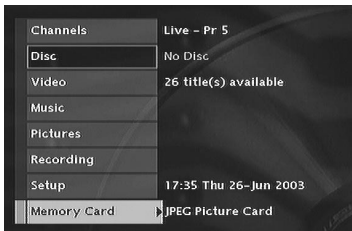
Recording from a memory card

Your DMR allows you to copy JPEG images or mp3 files to your hard disc from a memory card read in a player connected to the front USB socket. All the files in the memory card will be recorded on the hard disc of your DMR. You can then rename them and / or delete them (To manage your recordings, see page 43). See page 16 for connecting a compatible card reader via the front USB socket of your DMR.

1. Connect a card reader to the USB socket and insert the card that you wish to display, listen to, and / or copy the sound and images.

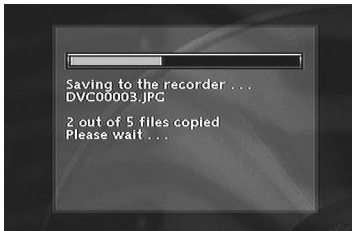
Note: with some players and/or cards, first insert the card into the player before connecting it to the front USB socket. With other players you should connect it with its card before starting DMR.

2. From the main menu (**MENU** key or in stop mode) select the **Memory Card** function with the **▲** or **▼** key and confirm with **OK**.



*Note: the **Memory Card** line can only be accessed when you are using a recognised card.*

3. With the **▲**, **▼** keys and **OK** select:
 - **Start** to see the contents of the card.
 - **Copy** to transfer the image files and / or sound files from the memory card to the recordable disc in your DMR. With the **▲**, **▼** keys and **OK** select the type of files to copy. The contents of the card are then recorded on the recordable disc in your DMR. The copy may take some time depending on the quantity of JPEG or mp3 files to be copied.



*Note: this screen confirms that the copying of files is in progress. To stop the copy operation, press **STOP**.*

4. When the copying is completed, the main screen of the DMR is redisplayed.



Recording functions

Recording from a connected device

Your DMR allows you to copy TV programmes (satellite or cable) sequences, or video films from a connected device.

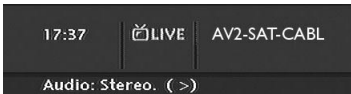
From a satellite receiver or cable receiver

If you haven't carried out the installation to control the receiver from the DMR (recommended on page 10), you must select the AV2 socket to which it is connected (check this).

1. From the Main Menu and with the **Channels** function selected, press **OK**. The images of the last channel watched appear. The information banner is displayed for several seconds.



2. Select the AV2 socket of the DMR using the **AV** key on the remote control in order to display **AV2** in the information banner and on the display (*LIVE AV2*).



3. Record by pressing the **REC** key on the remote control or **RECORD** on the front panel.
4. Stop the recording by pressing twice on the **STOP** key.

From a Camcorder or other device

Your DMR has both RCA Audio-Video and Ushiden sockets for the transfer of video to a recordable disc.

1. From the Main Menu and with the **Channels** function selected, press **OK**. The images of the last channel watched appear. The information banner is displayed for several seconds.
2. Select the AV3 sockets (on the façade) or AV4 (at the rear) to see the images from the connected device (S-Video or composite).
3. Place the device in its play mode.
4. Record by pressing the **REC** key on the remote control or **RECORD** on the front panel.
5. Stop the recording by pressing twice on the **STOP** key.

Recording functions

Recording from a CD-ROM

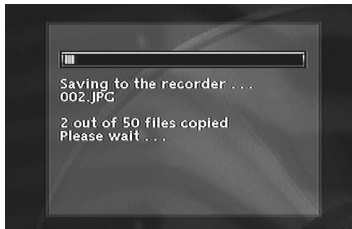
Your DMR allows you to copy JPEG images or mp3 files to your hard disc. You can record these files from a CD-Rom. All the files on the CD-R will be recorded on the hard disc of your DMR. You can then rename and/or delete them (manage your recording on page 43). When recording you will no longer be able to use other functions on your DMR.

1. Insert the CD to be copied (music MP3 or JPEG images) in the DMR.
2. display the Main Menu (press **STOP** or **MENU**).
3. In the **Disc** menu select **Copy** with the **▲** and **▼** key and confirm with **OK**.
4. Select **Music** with the **▲** and **▼** key to copy mp3 or JPEG files and confirm with **OK**.



Note: recording can take a certain amount of time, depending on the number of files to be copied.

- A progression window appears. Follow the on-screen instructions. The content of the CD-ROM is then recorded on the hard disc of your DMR. The copying operation can take a certain amount of time depending on the number of JPEG or mp3 files to copy.



*Note: this screen confirms that the copying of files is in progress. To stop the copy operation, press **STOP**.*

5. When the copying is completed, the main screen of the DMR is redisplayed.

Playing a disc

Discs you can play



- **Digital video discs** - 12 cm and 8 cm, single or double sided, single or dual layer. DVDs are high density optical discs on which high quality picture and audio are recorded by means of digital signals.



- **Region code number** - Your DMR responds to the regional management information recorded on DVDs. The regional code of your DMR is 2. Before buying a DVD, make sure that it bears the correct logo. ALL means all regions.

Note: for your information: the other areas are - 1: USA, Canada - 3: Southeast Asia, Taiwan - 4: Central America, South America, Australia, Mexico, New Zealand - 5: Russian federation, Africa (except Egypt and Rep. of South Africa), India, Pakistan - 6: China.



- **DVD+/-R, DVD+/-RW** - Most DVD-R and DVD+R (one recording only), and DVD-RW and DVD+RW discs (rewritable). Recordings on DVD-R and DVD-RW discs must be made in Video DVD mode. Recordings on DVD+RW discs must be made in accordance with the specifications for the 4.7 Gb capacity DVD+RW disc format. Compatibility is dependent on which DVD writer, writer software and discs are used.



- **Audio CDs** - 8 and 12 cm audio CDs

- **CD-R, CD-RW** - Most CD-R (one recording only) and CD-RW discs (rewritable). Compatibility is dependent on which DVD writer, writer software and discs are used.



- **Video CD (VCD)** - CD on which you can record up to 74 min. of VHS-quality video associated with still images, audio tracks and interactive menus.



- **Super Video CD (SVCD)** - Most S-VCD discs conform to the IEC 62107 standard. They can be used to record up to 70 minutes of digital sound and video, with MPEG-2 standard video and MPEG-1 standard audio. S-VCD disc compatibility is dependent on which MPEG coding software, disc design software and disc writer software are used, and the discs themselves.

Note: Despite considerable progress made in providing compatibility with as many different discs as possible, reading of discs not conforming to Audio CD, Video CD and Super Video CD (S-VCD) disc standards cannot be guaranteed).



- **MP3 files** - Discs containing sound files in MP3 format.



- **JPEG files** - Discs containing images in JPEG format. Compatibility is dependent on the disc creation software used and file sizes, stated in millions of pixels. Certain JPEG files such as Progressive JPEG files cannot be read by this equipment.

Playing a disc

Interactive banners

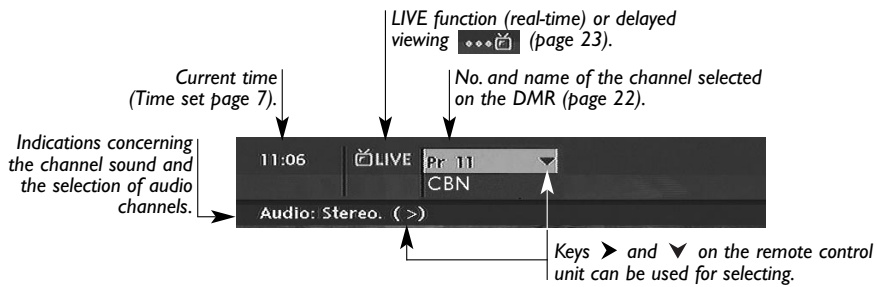
In addition to menus, your DMR has interactive information banners with icons representing functions or information. Some banners provide access to disc playback functions (for DVDs, CDs, VCDs, etc.) while others give you information on the channels and related functions.

In TELEVISION mode (Operating principle)

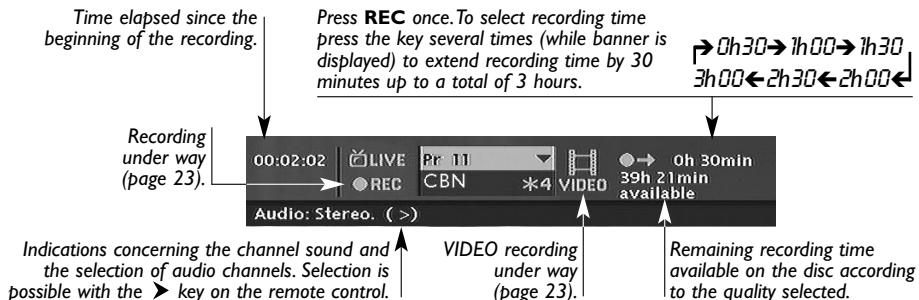
1. Turn on your TV set and your DMR.
2. In the Main Menu of your DMR, (**Channels** line selected) press **OK**.
The picture of the last channel selected appears. An information banner is displayed along with the picture for a few seconds. To view it again, press the yellow **INFO**.



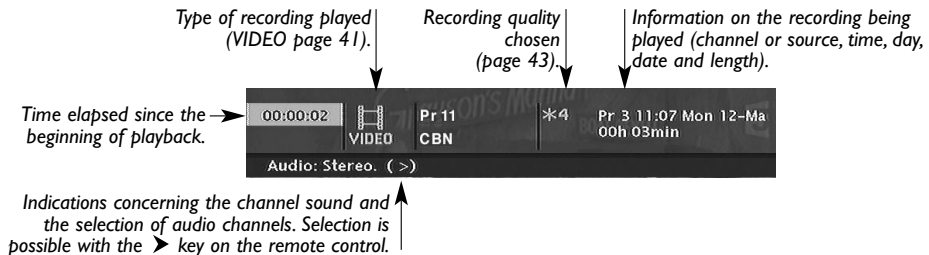
Information on the TV channel being watched



Recording the channel being watched (here, channel 11)



Playback of a video program recorded on the DMR

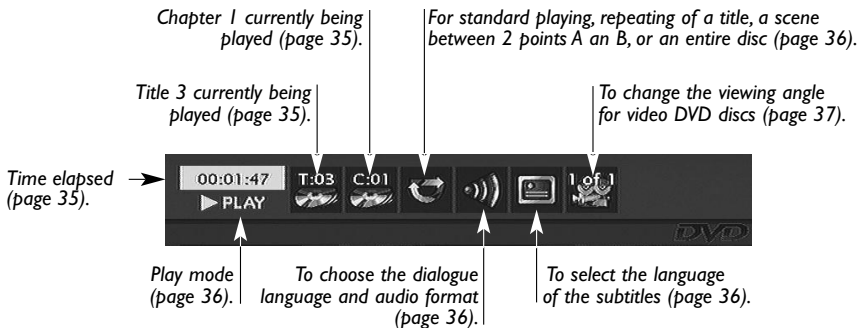


Playing a disc

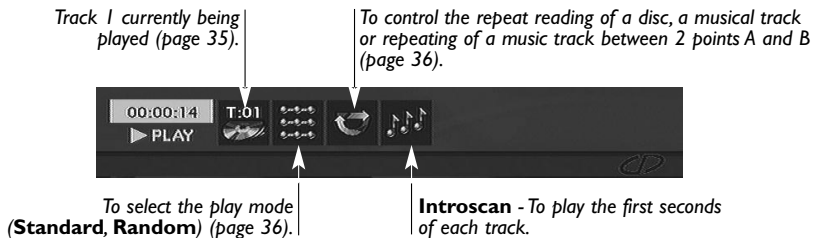
In DISC PLAYING mode (Operating principle)

1. Load a disc and press **PLAY** to start playback.
2. To display the banner, press the yellow **INFO** key.
3. Choose an icon using the **◀**, **▶** keys or enter a number using the number keys to access a chapter or a title (when the corresponding icon is selected).
4. To remove the banner, press the yellow **INFO** key or the **CLEAR** key.

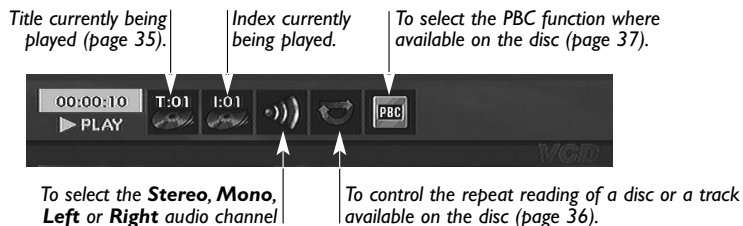
With a DVD



With an audio CD



With a VCD (Video CD)



Note: PLAY MODES (**PLAY**, **PAUSE**, **REV**, **FWD** keys)

▶ **PLAY** (Play) Fast forward (▶ x3, x6...), or reverse (◀ -x3, -x6...).

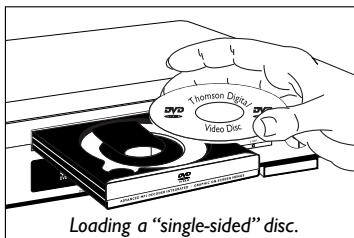
▬ **PAUSE** (Pause) Slow motion, forward (▬▶▶ 1/2, 1/6 ...), or backward (◀◀▬ 1/2, 1/6 ...).

Playing a disc

Loading and playing a disc

Switch on your TV set and DMR. It may be necessary to turn off other appliances.

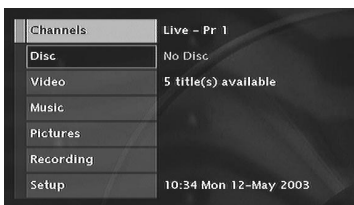
1. If the player menu is not displayed on TV screen, select the TV set Scart Peritel socket to which you connected your DMR (see page 4).
2. Open the disc tray by pressing **OPEN/CLOSE**. Place the disc on the tray.



Note: the disc label must face upwards (double sided discs have a small label on both sides around the centre).



3. Close the disc tray by pressing the **OPEN/CLOSE** or **PLAY**. According to the type of disc one of three things may now happen:
 - disc playback starts,
 - the disc menu is displayed (DVD video disc) and proposes, for example, selection of the language of dialogues, subtitles, etc, or to begin playing the disc. Select using the 4 **▲**, **▼**, **◀** and **▶** keys, then confirm with the **OK** key,
 - in the Main Menu **Disc** is highlighted. Press once or twice on **PLAY** to access the disc's menu or to begin playing it (depending on the discs).



Note: the **Disc** heading is shown as transparent when there is no disc in the device or if the disc is not compatible.

Search Options

Quick search of an image or a track

In Play mode, start the Forward or Reverse fast motion playback using the **FWD** (forward) or **REV** (reverse) keys. Press once or several times for higher speeds. To resume normal playback press **PLAY**.

Still picture and frame advance

During playback press **PAUSE** once to freeze the image. Press **PAUSE** again to go into "frame" mode (the **PAUSE** icon is then replaced by the **FRAME** icon on the TV screen). Press **FWD** or **REV** to view images one after the other forward or backward. To resume normal playback press **PLAY**.

Note: If the DMR is left in pause mode for a long period with a DVD or a VCD, the home screen comes on. Press any key on the remote control unit to resume display of the image transmitted from the disc.

Playing a disc

Slow motion (in Pause mode on an image)

During playback press **PAUSE** once to freeze the image. Press **FWD** or **REV** to view images in slow motion forward or backward. Press once or several times for higher speeds. To resume normal playback press **PLAY**.

Skipping a chapter or a track (DVD - VCD - CD)

During playback you can access the following or previous chapter (or track) by pressing **PR** ► and/or **PR** ◀ on the remote control unit.

*Note: Forward or backward skips can also be made by using the **PREV** and **NEXT** keys on the DMR.*

Scene Again™ (DVD)

During playback press **AGAIN** on the remote control unit. Each touch of the key steps back 10 seconds (approximately) of play.

Advance (DVD)

During playing of the disc, press the **ADVANCE** key of the remote control to skip ahead by approximately 30 seconds.

Playback options

Enlarging an image (zoom)

During playback press the **ZOOM** key once or repeatedly. Move the zoomed image around using ▲, ▼, ◀ and ▶ to view a particular spot. If this does not work, try again after pressing **PAUSE**. To resume normal playback press the key several times to return to the original format.

Titles, chapters, time elapsed, audio and subtitles

From the banner, you can access certain functions directly using the ◀, ▶ keys. Choose a title or a chapter (DVD), or a track (CD, VIDEO CD). Change the language of DVD dialogues or subtitles.



For direct access to a specific scene on the disc, select the first icon with the ◀ ▶ keys. Enter the requested place in the scene (expressed in hour, minutes, seconds) with the remote control number keys. (enter 001205 to access a scene which is 12 minutes and 5 seconds away from the start of the disc (DVD) or track (Video CD)).

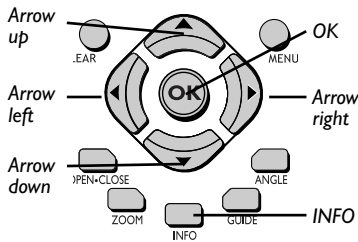
Note: with certain discs, direct access to a scene is not possible even if the time elapsed is shown on the banner.

A question mark in the counter zone indicates an input error.

This symbol is sometimes displayed. It indicates that the function is not available or that the key used is incorrect. ❌

Playing a disc

The disc information banner



To access the information banner, press **INFO** on your remote control unit during playback. Use arrow keys **◀** and **▶** on the remote control unit to select the various icons. When an icon is selected it is highlighted. The line under the banner is an information and instruction line. When small arrows appear above and below the selected icon these point to other possible options. Now use the **▲** and **▼** keys to scroll through the various options.



Timer (DVD, VCD, CD)

This icon shows the time elapsed since the start of playback. The time displayed is that of the title of a DVD disc during playback. The timer provides direct access to a scene or a musical passage by keying in the starting time.

Select the time elapsed icon and use the numbered keys on the remote control unit to access the place from which you want to play back. Use two digits for each field. For instance, if you enter 01:35:12, you will access the sequence beginning 1 hour, 35 minutes and 12 seconds after the start of the title.

Note: for audio VCDs, the timer refers to the track currently being played.



Title or Track (DVD, VCD, CD)

Most DVD discs only contain one title. However some discs may contain several titles each of which is itself divided into several chapters.

To choose a title, select icon **T** then use the **▲** and **▼** keys to scroll the titles or tracks. Use the numbered keys on the remote control unit to access a particular title or track.

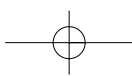


Chapter (DVD)

Most DVD discs contain several chapters.

To choose a chapter, select icon **C** then use the **▲** and **▼** keys to scroll chapters. Use the numbered keys on the remote control unit to access a particular chapter.

Note: follow your progress below the banner.



Playing a disc



Play modes

Play modes of discs (DVD - VCD - CD)

The DMR has several play modes that depend on the type of disc being played: standard play respects the order of the titles and chapters on the disc; repeat between 2 points or repeat a disc, a title. The icon of the play mode is accessible via the information banner during playback.

During playing of a disc, press the **INFO** key (the information banner is displayed). Use the **</>** and **▲/▼** keys. The icon changes depending on the mode selected as well as the text area in the information banner: Standard, Repeat title, Repeat A-B, Repeat disc.

Note: the standard play mode is activated every time a new disc is placed in the DMR.

Repeat playback of a scene between two points A and B (DVD - VCD - SVCD)

A-B Repeat mode allows you to select exactly the sequence you wish to repeat.

1. Select the repeat playback function using the **▲** and **▼** keys. **A-B Repeat** appears under the banner.
2. Press **OK** to memorise the beginning of the scene you want to repeat (point A).
3. Wait a few seconds before pressing **OK** again to mark the end of the scene to be repeated (point B). **A-B Repeat** appears to tell you that the repeat playback of the sequence is starting. To stop repeat, select another mode using the **▲** and **▼** keys, or by pressing **STOP**.

Note: repeat functions remain active until you turn them off, open the disc tray or turn off the power. Repeat play only works with discs that show the elapsed time on the display. This may not work correctly with certain discs (Video CDs in PBC mode).



Selecting the language of subtitles

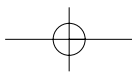


Selecting the language of dialogues

Subtitle and dialogue language (DVD)

1. While reading a disc, press the **INFO** key: the information banner is displayed.
2. Use the **<** and **>** keys to select the icon of the subtitles or dialogues as well as the sound format.
3. If available on the disc, select the language of the subtitles or dialogues using the **▲** and **▼** keys. The selected language name appears beneath the banner.

Note: selecting the language of subtitles only involves the disc being played. If you remove the disc or if you switch off the DMR your selection will be cancelled. In this case the default language, chosen when your DMR was first installed, will be reactivated. If the preferred language is not available on the DVD disc the preferred language of the disc (default language) will be selected automatically. With some discs you can only access the dialogue or subtitle languages through the menu provided on the disc.



Playing a disc



Changing camera angles

Camera angles (DVD)

A few DVD discs contain scenes shot from various different angles. If a disc being played back offers different camera angles the icon in the banner will show the number of the angle on the screen. With the disc in playback, press **ANGLE** on the remote control unit and choose the angle using the same key or the **▲** and **▼** keys.



Selecting a play mode

PBC - Playback control menu (VCD)

This function enables you to make interactive selections of some scenes or information through an on-screen menu. Moreover high resolution scenes can be viewed if they are included on the disc. During playback press **INFO** (the information banner appears). Press **◀** or **▶** to select the PBC icon. Uses the **▲** or **▼** key to see other screens or deactivate the functions on offer.



Standard play

The Audio CD information banner

Your DMR has several play modes depending on the type of disc being played: standard play that respects the order of the tracks; random play that reads music tracks in a random order; repeat play: Repeat A-B, Repeat track, Repeat disc, Repeat de-activated.



IntroScan

The IntroScan function enables you to listen to the first few seconds of each track of an audio CD. Select the icon and press **OK**.

*Note: when the first few seconds of all tracks have been played the player goes into Stop. To stop IntroScan press **STOP** to continue play and listen to the whole track, or press **PLAY**.*

Playing a disc

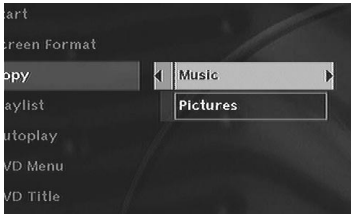
Playing image (JPEG) or music (mp3) files on a CD Rom



Your player can play JPEG files with a resolution of up to five million pixels. However beyond 400,000 pixels there is no perceptible improvement in the quality of pictures displayed on your TV screen.

MP3 is a compressed audio file format that stocks a large quantity of music (files) on a disc. Files can be grouped in folders (albums) in the same way as files and folders in your computer. A folder can thus contain other folders.

Playing music files (MP3) and / or images (JPEG)

1. Load a disc in the machine and press the **PLAY** key.



2. Select a function with the **▲** or **▼** keys and confirm with **OK**. Depending on your choice the menu of albums or songs for MP3 files () is displayed. If you selected **Pictures** () the folders or files are displayed in the same way.
3. Select a folder using the **▲** or **▼** keys of the remote control and press **OK**. The list of files contained in the folder are displayed.
4. Select a file using the **▲** or **▼** keys of the remote control. Select **Standard Play** with the **▶** key and select a play option using the **▲** or **▼** keys and confirm with **OK**.



Note:

mp3 play options

- **Standard Play**
- **Play All**
- **Random All**
- **Random**
- **Repeat**
- **Resume**

JPEG play options

- **Normal**
- **Slow**
- **Resume**
- **Fast**

Playback of files begins with the file selected and continues with the following files. Where there are sub-folders in the folder, these are also played. Playback then moves to the next folder located at the same level in the tree diagram as the folder containing the first file you selected.

5. Stop playback using the **STOP** key.

Playing a disc

Image Functions

Changing images

During the picture sequence change images using the **PR** ► or **PR** ◀ keys on the remote control unit. According to the type of image (Ko or Mo) the change may take several seconds.



Rotating an image

If an image is displayed sideways, you can rotate it through 90° using the ◀, ▶, ▲ and ▼ keys of the remote control.

Zooming in on an image (zoom) and the Pan and Scan function

To see more detail, press once or several times on the **ZOOM** key to enlarge the image and use the ◀, ▶, ▲ and ▼ keys. Return to normal dimensions is carried out by pressing once on the **OK** key or the **PLAY** key in order to continue the tray show.



To stop the picture sequence and return to player menu

Press **STOP** or press **MENU** several times.

Menus

Disc menu

The Disc menu is only accessible if a disc has been loaded into the DMR. This menu enables you to customise certain settings or actions for disc playback. The options suggested by the **Disc** menu depend on the nature of the discs and/or files.

In the Main menu select the **Disc** line with **▲ ▼** keys, and press **OK** to validate.



	DVD	Audio CD	mp3	JPEG	VCD
Start	X	X	X	X	X
Screen Format	X	X	X	X	X
Copy			X	X	
Playlist		X			
Autoplay	X	X	X	X	X
DVD Menu	X				
DVD Title	X				

Start

- To start playing a disc from the beginning, press the **OK** key.

Screen Format - (DVD / VCD)

Depending on the format of the DVD disc being played, select the image format that corresponds best to the format of your television screen - cinema screen 16 x 9, classic screen 4 x 3 (Letter Box or Standard).

- With a letterbox format TV (16x9) select **16x9 Widescreen**. Films in 16x9 will be fully displayed. Films in 4x3 will have vertical black bands on each side of the picture.
- With a 4x3 television, select **4x3 Letterbox** to take advantage of the pictures recorded in that format or 16x9. Select 4 x 3 Standard to take advantage of a **4x3 Letterbox** without distortion. For films in 16x9, the edges of the picture may extend beyond the edges of the screen.

Note: on certain DVDs, the picture format cannot be changed.

Copy

- To copy JPEG images or 3 files from a CD to your hard disc (refer to page 29).

Playlist (CD)

Allows customising of the playing of a disc by programming an order of musical sequences or tracks.

- Select **Playlist**, and follow the instructions on the screen.

Autoplay

- Select **Autoplay On**, if you want the disc to be played automatically once the DMR tray is closed.

DVD Menu

Display the picture titles disc menu loaded into your DMR.

- Select **DVD Menu** using the **▲ ▼** keys, and press **OK**. Use the same keys to scroll and choose a picture (title).

DVD Title

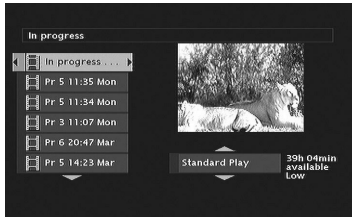
Certain discs have title menus, some DVDs have more than one title and each title has a separate menu for the film or programme.

- Select **DVD Title** using the **▲ ▼** keys and press **OK**.

Video menu

This menu gives you access to all the recordings you made from TV channels or devices connected to your DMR's front or rear AV sockets.

In the Main menu select the **Disc** line with **▲ ▼** keys, and press **OK** to validate.



*Note: **In progress** shows that a TV programme is being recorded on the hard disc. The menu also indicates the time left on the hard disc for other recordings.*



The menu that appears displays a list of the last six recordings. These show the programme name (Pr1, Pr2, etc.) and the time and day of the recording. A window enables you to view the sequence selected in this list. Other recordings can be accessed by scrolling down the list using the **▼** key. The last recording is usually shown at the head of the list. If the name appears as **In progress ...** this means that a recording is in progress. To stop recording return to the **Channels** menu (using **RETURN, ▲, OK**) and press **STOP** twice.

If the recording was done using the **Naviclick** function (page 26) the name of the programme is clearly displayed

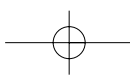
- To choose a title, use the **▲ ▼** keys, then press ok. The function line is selected. Choose a play mode using the **◀, ▶** keys.
 - **Standard Play** to start playback of the title.
 - **Resume** to resume playback of the title after a pause.
 - **Repeat Title** to repeat playback of the title.
 - **Delete Title** to delete the title from the hard disc.
 - **Rename Title** to customise the names of the video titles.

To sort recordings in order of title or date, from the most recent to the oldest, or vice-versa, select **Standard Play** and press the **ANGLE** key on the remote control unit.

Press **OK** to confirm your selection. If you have selected **Standard Play, Resume, Repeat Title**, playback starts, the thumbnail picture appears full screen.



*When playing the video recording, use the various scroll keys (**PLAY, PAUSE, REV, FWD, and STOP**) as you would on a VCR.*



Menus

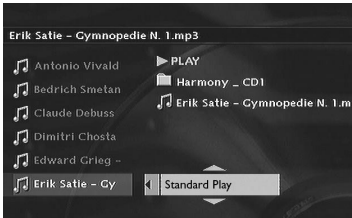
Music menu (JUKEBOX function)

This menu gives you access to the mp3 Audio recordings copied from a CD-R or memory card read in an external reader connected to the USB socket on the front of your DMR.

In the Main Menu select the **Music** line with **▲ ▼** keys, and press **OK** to confirm.

The menu which appears displays the titles of the recordings or folders in which your mp3 recordings are stored. Use the remote control **◀, ▶, ▲** and **▼** keys to select a folder or song. Choose a play mode, or an action such as **Rename** (to customise the names of the folders and recordings) (page 43), **Delete** (to delete a folder or recording) (page 43).

Press **OK** to start playback.



Play modes:

- **Standard Play:** to hear the selected song.
- **Random All:** to listen to the songs on the disc in random order.
- **Random:** to listen to the songs in the selected folder (album) in random order.
- **Repeat:** to repeat the playback of the selected songs or folders (albums).
- **Resume:** to resume playback of the title after a pause

Pictures menu

This menu gives you access to the JPEG images that you copied from a CD-R or memory card read in an external reader connected to the USB socket on the front of your DMR.

In the Main Menu select the **Pictures** line with **▲ ▼** keys, and press **OK** to confirm.

The menu which appears displays the images or folders in which your images are stored. The image selected appears as a thumbnail. Use the remote control **◀, ▶, ▲** and **▼** keys to select a folder or image. Choose a play mode, **Normal**, **Slow**, **Fast**, or an action such as **Rename** (to customise the names of the folders and images) (page 43), **Delete** (to delete a folder or image) (page 43).

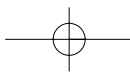
Press **OK** to validate. The slide show starts, the images appear one after the other.

Note: during the display of the images, press the yellow **INFO** key if you want to display an information banner.



Play Modes:

- **Fast:** the image remains on screen for about 10 seconds before the next image appears,
- **Normal:** approximately 15 seconds between images,
- **Slow:** approximately 30 seconds between images,
- **Resume:** to resume the slide show after a pause.



Menus

Managing your recordings

You can customise your recordings by giving a name to your video sequences, JPEG images and mp3 files saved on your DMR's hard disc.

Renaming the recordings

From the **Rename** function in the **Video**, **Pictures** or **Music**, menus, press **OK** to access the character grid.



With the **<**, **>**, **▲** and **▼** keys:

- Enter the name by selecting the letters one by one. Press **OK** to validate.
- To erase a letter, press **DEL**. Press **OK** to validate.
- To add a space, select **SPACE**. Press **OK** to validate.
- When the name suits you, select **Done**. Press **OK** to validate.



To exit the menu, press **RETURN**, **CLEAR** or press **PLAY** to resume playback.

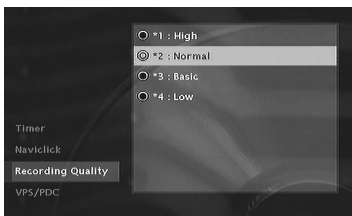
Deleting recordings

From the **Delete Title** function in the **Video**, **Pictures** or **Music**, menus, press **OK** to delete a recording. Confirm in the next window by selecting **Yes**. The title disappears from the list. Press **MENU** to return to the main menu.

Choosing the quality of your recordings

Your DMR can record approximately 120 hours of TV programmes or video sequences from connected equipment. This capacity depends on the quality setting chosen in the **Recording Quality** menu.

In the Main Menu, select the **Recording** line and press **OK** to validate. Select **Recording Quality** and press **OK** to validate. Choose a quality using the **▲**, **▼** keys and validate with **OK**.



Note: **Recording Quality**

Depending on the recording quality you have chosen, you can record a total of approximately:

- *1 : High** - 20 hours.
- *2 : Normal** - 40 hours.
- *3 : Basic** - 60 hours.
- *4 : Low** - 120 hours.

• Times are approximate. They also depend on the other JPEG or mp3 recordings already present on the hard disc. The settings menu cannot be accessed while a recording is in progress (⏏ displayed) on your screen.

Menus

Language Menu

Your DMR gives you a selection of languages to choose from. You can change the language of the DMR menus, the language of the disc menus, the language of the dialogues and that of the subtitles. In the menu, choose your preferred language for dialogues and subtitles. If it is available on the DVD you will be playing, it will be selected automatically. The default language is the one which is selected in the main menu. During playback, you can display or remove the subtitles and change the language of the subtitles using the banners.



1. From the main menu select the **Setup** line with the **▲ ▼** keys, then confirm with **OK**.
2. Select **Languages** with the **▲ ▼** keys, then confirm with **OK**.
3. Using the **▲ ▼** keys select one of the proposed options and confirm with **OK**.

Display (Language of DMR menus)

The language of the DMR menus was determined upon installation (page 5). You can nevertheless change it by following the procedure given on this page.

When **Display** is selected press **OK** to display the choice of language menu.

Select a language with the **▲ ▼** keys and confirm with **OK**. Exit the menu using the **RETURN** key.

Audio (DVD disc dialogue languages)

Certain discs offer several different languages for the dialogues. The default language is the one you selected during installation (page 5) if this language is offered on the disc being played. To change the language of the dialogues your DMR provides two possibilities:

From the menu of the DMR

With the **▲ ▼** keys, select **Audio** and confirm with **OK** to access the proposed list of languages. Select the preferred language with the **▲ ▼** keys and confirm with **OK**.

Note: if the language chosen is also available on the DVD, it will be selected as the dialogue language. If it is not available, the preferred disc language will be selected.

From the banner



During playback, display the information banner using **INFO** key and select the **Audio** icon with the **< >** keys. Select one of the languages proposed by the disc (and the best Audio configuration corresponding to your installation) with the **▲ ▼** keys.

Note: with DVDs which have a DVD menu, we recommend that you use the disc menus rather than the DMR menu.

*You can also change the language of the dialogues and subtitles (if they are available on the disc). During playback, display the disc menu using the **MENU** key. Then use the **▲, ▼, ►, ◀** keys.*

Menus

Subtitles (Language of DVD subtitles)

Certain discs propose several languages for subtitles. The default language is the one you selected during installation (page 5) if this language is also offered on the disc being played. To change the subtitles language, your DMR provides two possibilities:

From the menu of the DMR

With the ▲ ▼ keys, select **Subtitles** and confirm with **OK**. Select with the ▲ ▼ keys and confirm with **OK**.

Note: if there is no English on the disc for menus, dialogues, and / or subtitles, the player selects the default language of the disc.

Original corresponds to the original soundtrack language of the film on the disc.

If you select the **"Automatic"** option, the default language of the subtitles will be the one you selected for the dialogues (see above). Because of this, if the default language for the dialogues is not available, but subtitles are available in this language, the subtitles will automatically display.



From the banner



During playback, display the information banner using **INFO** key and select the subtitles icon with the ◀ ▶ keys. Select one of the languages proposed on the disc with the ▲ ▼ keys or de-activate the display of subtitles.

Note: with DVDs which have a DVD menu, we recommend that you use the disc menus rather than the DMR menu.

If you chose "English" during the initial setting (carried out on page 5): the main menu will appear in English, the menus of the disc, in English (if available), the language of the dialogues, in English (if available).

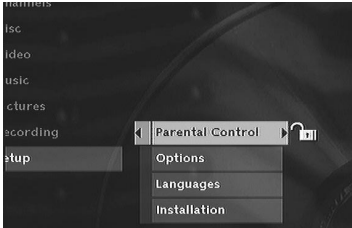
Disc (DVD disc menu language)

The preferred language for disc menus is set during installation (page 5). If the DVD disc that you are watching does not provide this language, you can select another language from the disc menus.

Menus

Parental control menu

Your DMR has a child lock function which enables you to restrict access to certain DVDs. The discs whose content may be deemed unsuitable for your children will therefore not be visible unless a code that you have previously chosen is entered.



1. From the main menu select the **Setup** line with the **▲ ▼** keys, then confirm with **OK**.
2. With the **Parental Control** line highlighted, press **OK** on the remote control (**Parental Control** menu is displayed).
3. Using the **▲ ▼** keys select one of the proposed options and confirm with **OK**.

Note: the padlock tells you whether or not the DMR is locked.



Locked: you must enter the secret code to play the discs whose rating limits exceed the limit you have allocated.

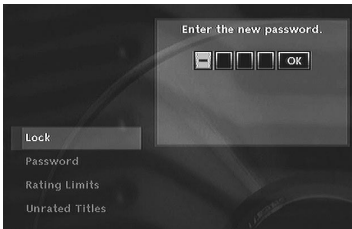


Unlocked: you don't need the secret code to play the discs, even if you have set a rating limit.

Your DMR is delivered in the **unlocked** position without any rating limit. If you want to use the child lock function, you have to set a rating limit and position the **Lock** function on **On**.

Locking

4. The **Lock** line is already selected. Press **OK** to validate.
If no secret code has been chosen, your DMR asks you to choose one.
5. Enter four digits using the remote control **number** keys, then press **OK** to validate.



Note: choose a four-digit number that you will be able to remember easily or note it down.

--	--	--	--

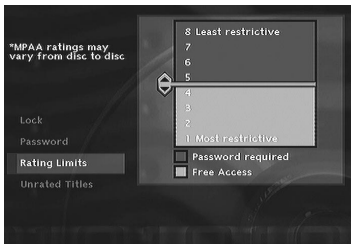
6. The first time a confirmation of the code is asked for. Enter the code again, then confirm with **OK**.

Menus

Ratings limits

This function makes it possible to restrict viewing of certain DVD discs by programming a restriction on your DMR. This function can only be used with DVD discs provided with the function. Your DMR provides ratings limits on a scale of 1 to 8. The **Ratings limit** function does not work if the disc being played does not have a rating limit. In Europe ratings limits are as yet uncommon on DVD discs on sale.

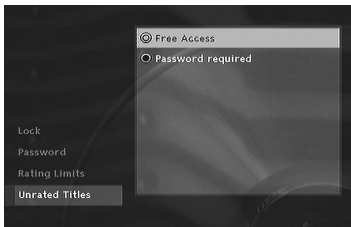
1. From the main menu select the **Setup** line with the **▲ ▼** keys, then confirm with **OK**.
2. With the **Parental Control** line highlighted, press **OK** on the remote control (**Parental Control** menu is displayed).
3. Press the **▼** key to highlight **Ratings Limits** and press **OK**.
4. Use the **▲** or **▼** keys to set the bar at the level desired.



Note: the DMR is supplied without any ratings limit setting. If you want to prohibit playback of certain discs you will have to set a ratings limit.

5. Press **OK**.
6. To return to the DMR menu, press **◀** until the menu is displayed on the screen.

Non categorized titles



We often feel that some DVD discs ought to have a ratings limit. Unfortunately few discs in Europe have one. You can however restrict viewing of such discs by means of the **Unrated Titles** function by ticking the **Password Required**, option and then locking the DMR as described on page 46. When this is done the password will be requested before playing any DVD disc, including those that would not normally need a restriction.

Changing the code

To change the code, you must de-activate the **Lock** function to be able to return afterwards.

1. From the **Parental Control** menu enter the 4 figure code, then confirm with **OK**.
2. The **Lock** line is selected. Press **OK**.
3. With the **▲ ▼** keys select **Off** and confirm with **OK**.
4. Exit the menu by pressing 3 times on the **RETURN** key.
5. See steps **1, 2** and **4, 5, 6** to allocate a new password.
6. See the **Locking** paragraph to enter a new code.

Note: if you forget your secret code, see the Trouble Shooting Guide at the end of this manual (page 53).

Menus

Options menu

The **Options** menu in the Setup menu offers you settings to configure certain useful functions and optimise the performances of your DMR to match those of the devices connected to it.

1. From the main menu select the **Setup** line with the ▲ ▼ keys, then confirm with **OK**.
2. Select **Options** with the ▲ ▼ keys, then confirm with **OK**.
3. Select a function with the ▲ ▼ keys, confirm with **OK**, adjust and confirm with the ▲ keys and **OK**.




Digital output (audio)

Depending on the amplifier or television (with or without integrated decoder) connected to your DMR, you will need to set the **DIGITAL AUDIO OUT** sockets (coaxial or optical) so that they deliver the Dolby Digital, DTS or MPEG digital signals supported by the other device. Tick **Dolby Digital** or **DTS** if the amplifier or TV set has a Dolby Digital or DTS decoder (or both, depending on devices). **MPEG** must be ticked to play a DVD disc on which the sound was recorded using MPEG standard.



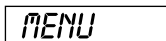
SRS - TruSurround

This function provides you with virtual reproduction of the multichannel sound of a Dolby or DTS film onto the two channels of your TV or stereo amplifier. The sound effects of a 5.1 system are then simulated.

Note:  is a trademark of SRS Labs, Inc. TruSurround® technology is incorporated under license agreement from SRS Labs, Inc.

Black level

Adjust the contrast (**Light / Dark**) according to the brightness of the room in which you are viewing your DMR images



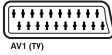
Display Dimmer

Depending on the brightness of the room where you've installed your DMR, select one of the 3 available settings (**Automatic / Bright / Dim**) to adapt the brightness of the display panel to suit its environment.

PAL/NTSC output

If the images of the DVD being played appear in black and white on your TV screen, the standard of the video signals transmitted to your TV is incorrect. Change the video signal from **PAL** to **NTSC** or vice versa.

Note: PAL is the name of the colour coding system used in most European countries. NTSC is the name of the colour coding system used in the United States and some other countries.



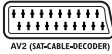
AV1 (TV)

AV1 output

Choose the **RGB**, **S-Video** or **Video** signal, depending on the device connected to the AV1 Scart socket (usually TV sets). If you don't know which type of signal is accepted by your TV set, try each setting to get the best result.

Note: transmission of DMR images to TV images (with certain TV sets)

*If you want to watch one channel while recording programmes on another channel, you must change the AV1 output connection setting by selecting **Video** instead of **RGB** in the **Options** menu.*



AV2 (SAT-CABLE-DECODER)

AV2 Input

Choose the **RGB**, **S-Video** or **Video** signal, depending on the device connected to the AV2 Scart socket (usually a satellite receiver). If you don't know which type of signal is accepted by your TV set, try each setting to get the best result.

Note: format of image signals:

RGB: English signal colour code (Red – Green – Blue).

S-Video: S-VHS (Y/C), signals with separate colour components and brightness.

Video: CVBS, composite video signals.

Standby mode

Your DMR has an Eco Standby to reduce its power consumption when on stand-by. Select **Eco standby** to enable this function.

*Note: the **Eco standby** function does not allow the display of programming warning messages on the display panel. Only the record icon will flash.*

Pause Time

To select the memory capacity of the **Pause Live TV** option (45 minutes or 1h30).

Other settings

1. From the main menu select the **Setup** line with the **▲ ▼** keys, then confirm with **OK**.
2. Select **Installation** with the **▲ ▼** keys, then confirm with **OK**.
3. Select a function with the **▲ ▼** keys, confirm with **OK**, adjust and confirm with the **▲** keys and **OK**.

AV link

Permits a television to control your DMR and download the same channels on the same numbers.

*Note: this function is positioned by default on **On**.*



AutoClock

Allows your DMR to always be set at the correct time, date and day.

Note: leave this function activated to avoid any problems when programming recordings



Menus

Recording menu

Your DMR has practical options to optimise the recording quality/possible recording time relationship. This menu also enables activation of the **VPS/PDC** option for all your programmed recordings.



1. From the main menu select **Recording** using the **▲** **▼** keys, then confirm with **OK**.
2. Select an option with the **▲** **▼** keys, confirm with **OK**, adjust and confirm with the **▲** **▼** keys and **OK**.

Timer

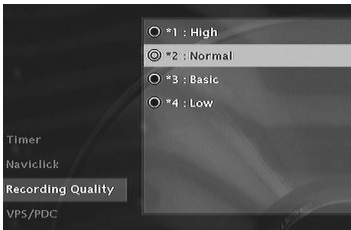
To programme a recording refer to pages 24 and 25.

Naviclick

This option offers you the same programming possibilities thanks to the Naviclick programme guide already detailed on page 26.

Recording Quality

Your DMR can record 120 hours of TV programmes or video sequences on its hard disc. This capacity depends on adjusting the quality selected on the Recording menu as well as recordings already present on the hard disc.



Note: all times are approximative. Access to the adjustment menu is impossible if recording is underway.

Depending on the setting selected the recording time on the hard disc is as follows:

- *1 : High** - 20 hours.
- *2 : Normal** - 40 hours.
- *3 : Basic** - 60 hours.
- *4 : Low** - 120 hours.

VPS/PDC

Triggers all your programming at the actual broadcast times (if the channel broadcasts VPS/PDC signals).

Further information

Troubleshooting guide

If you encounter difficulties

Advisors are at your disposal to help you solve your problems at this telephone number:

 **THOMSON HELPLINE**

You can contact THOMSON by dialling: 0845 601 3093
(For Great-Britain, all calls will be charged at local rate)
www.thomson-europe.com



Your DMR doesn't switch on

- Did you move the DMR? Check the power plug: is it well plugged into the mains socket? Also check the power cable jack at the rear of the DMR; is it well pushed in.
- Is the mains socket to which you DMR is connected receiving current? Try to plug in a lamp or other electrical device: do they work? Check the corresponding fuse in your house's fuse box.

The remote control doesn't work

- To control your DMR, you must first press the **DVD** key of the remote control.
- Point the remote control at the front of your DMR, not at your TV set.
- The operating range of the remote control is 6 to 8 metres. It gradually decreases as the batteries wear down. This is a good indicator of the state of the batteries. When the batteries require replacing, the signal lamp on the remote control flashes when you use it.
- Make sure no objects (or animals) are in the path of the infrared beam between the remote control and your DMR. They may block the beam and thereby cause a malfunction of your DMR.

The remote control of your DMR also controls another device

- Some DVD players made by the Thomson group (Thomson, Brandt, Ferguson, Saba, Telefunken) react to the same codes. To avoid this inconvenience, you can program your DMR and its remote control so they have a different code to those of the other devices. Refer to page 57.

The remote control and the DMR don't work anymore: everything seems blocked

- Unplug your DMR from the mains for a few moments and plug it back in.

You don't see any picture

- Turn on your TV set and your DMR.
- On your TV set, select the socket which receives the signals from your DMR (AVI, TVI, AUX1, etc., depending on the brand, if connected as shown on page 4 or 10).
- Make sure that all sockets are well pushed into the various sockets.

The colours aren't natural

- Check that the scart cables are well pushed into the sockets of the various devices.
- Check the settings Output AV1, Input AV2 and Output PAL/NTSC (**Options** menu, page 48).

The image format doesn't match the screen format of your TV set

- The image format is adjustable. Refer to page 40. With certain discs, the format is pre-set and cannot be changed.

Further information

No sound

- Check that the DTS, Dolby Digital and MPEG settings are suited to the specifications of the device connected to the digital audio sockets (coaxial or optical) (page 48).

The sound is very low or inaudible

- The sound of the TV set has been cut or set at a very low level. Press the (🔊) key on your TV set's remote control and/or adjust the volume on your TV set (or amplifier, if such is the case).

The menus or subtitles do not appear in the language you want

- With a DVD: the DVD menus are not displayed in your language. Check the disc jacket to see which languages are available. Choose the language of your choice, if available (page 45).
- With a DVD: there are no subtitles. Check the disc jacket to see whether subtitles are available. Choose the subtitles of your choice, if available (page 46).
- The preferred language for DVD dialogues and subtitles was set upon initial installation of your DMR. To change it, refer to pages 44 and 45.
- You can also change the language while a disc is playing by pressing the **INFO** key and selecting the (🗣️) icon for dialogues or (📄) for subtitles. This choice is only valid for the disc if it has not been removed from the disc drawer.

The menus of your DMR do not appear in the language you want

- Check that your language is available in the settings menu (page 44). If not, choose another language.

You can't access the selected menu, even when you press OK

- If the name of the menu appears on a transparent background, it means that the corresponding menu or function is not available. The **Disc**, **Video**, **Music**, **Pictures** and **Memory Card** menus are contextual menus: they depend on operations performed beforehand such as:
 - **Disc** is only accessible if there is a disc in the disc tray of your DMR.
 - **Video** is only accessible once you have recorded a TV program or video sequence (from an external device).
 - **Music** is only accessible if you have copied an audio file in mp3 format.
 - **Pictures** is only accessible once you have copied an image in JPEG format.
 - **Memory Card** is only accessible once you have connected a card reader to the front USB socket and inserted a card in it.

Your DMR menu disappears

- As with computers, your DMR has a screen saver which replaces the fixed menu by a mobile THOMSON logo. Press on a navigation key to bring back the fixed menu.

The Memory Card line on the Main Menu of your DMR is not active

- The drive is not recognised by your DMR. It must correspond to the "USB I.I Mass Storage Class" standard. In certain cases you may need to turn it off, with the card reader connected to the USB socket, then turn on your DMR so that it recognises the drive. In other cases you may have to insert the card in the drive before connecting it to the USB socket.

The DVD doesn't play, even when you press the PLAY key

- The disc rating is higher than the limit that you have set (page 47).

Fast forward or rewind doesn't work

- Some discs have scenes which do not allow fast forwarding, rewinding or chapter skips. When a command is prohibited or is not available for the current section or operating mode, a prohibition sign (🚫) appears on-screen for a few moments

Further information

You can't change the camera angle

- Most DVDs do not have multiple viewing angles. When this option is available, it usually only applies to a few scenes.

Other problems

Re-initialisation of your DMR

- In the event of random or permanent dysfunction and before taking your DMR for after-sales servicing you can try to re-initialise it. Open the DMR tray and make sure there is no disc in it. Close the tray again. Maintain pressure on the **STANDBY/ON** and **STOP** keys in front for more than 3 seconds. The display then indicates *INIT OK*. Turn off your DMR then turn it back on by pressing the **STANDBY/ON** key at the front of your DMR. The menu displayed on-screen is the menu which enables you to choose your DMR's display language. It confirms that all settings made since initial installation have been deleted. The DMR has been reconfigured as it was when purchased (factory settings). Refer to page 4 of this manual to restart the installation of your DMR.



If you forget your password

- Open the player's disc tray and ensure that there is no disc on it. Close the tray. The player menu is now displayed on the TV screen. Now press the **STOP** key on your player and hold the **STOP** key on the remote control unit down for 3 seconds. The password that you chose for parental control is cancelled. To reallocate a code see page 46.

You can't watch what happened 95 minutes ago

- Your DMR's buffer memory stores no more than 90 minutes of TV programs. If you want to save more than 90 minutes of program, you have to record the program you are watching by pressing the **RECORD** key. Please note that you have to record the program right from the start. As soon as you press **RECORD** the contents of the buffer memory is deleted, even after a pause.

You can't switch channels

- During the recording of a TV program (or video sequence from a connected device), switching channels is impossible. To change channels, you have to stop the recording completely (page 23).

The TV guide (NAVICLICK) is not displayed

- Downloading may be disabled. Make sure that **Off** is not ticked (page 54).
- Does the channel broadcast a TV guide? Check in the list on page 55.

In quiet moments, you hear a slight hum coming from your DMR

- Your DMR is equipped with a fan. It releases heat in order to ensure proper cooling. It switches on as soon as your DMR is turned on and produces a slight hum.

The display or reading of digital images in JPEG format is slow

- Image display can take a fairly long time, depending on the size of the images. If the images are too "bulky", your DMR may not be able to display them correctly.

The time occupied by JPEG images or mp3 files copied onto the hard disc is not indicated on the banners

- The only way to find out how much time is available on your hard disc is by recording a TV program or a video sequence (from an external device). It is then indicated on the banner (page 31).

Further information

NAVICLICK Settings

The information relating to the Naviclick TV guide programmes comes from a combination of the TV programmes guide, Teletext and NexTView service transmitted by certain channels. To optimise the Naviclick programmes guide of your DMR, you have the possibility of changing certain settings as shown below. The information from the NexTView service is more reliable than Teletext.

NexTView channel downloading time

The programs are downloaded either at 3 AM or 8 AM. To choose the downloading time, follow the instructions below:

1. If the main menu is not displayed, press the **MENU** key on the remote control.
2. With the **▲ ▼**, keys, select **Setup** then **Installation** followed by **Naviclick Setup**. Each time, press **OK** to validate.
3. The line **Update Time** is already selected, press **OK**.
4. With the **▲ ▼** keys and **OK**, select **3 a.m** or **8 a.m**.

*Note: by selecting **Off** your DMR will use, where available, the information on TV programmes from the Teletext service of the channel being viewed. For those countries offering the NexTView service we recommend that you set the downloading time to 3am. For all other countries set it to 8am.*

Choice of NexTView channel

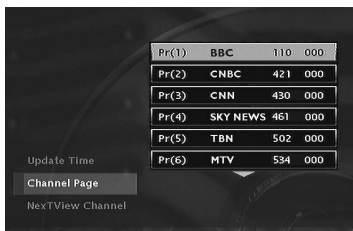
The downloading of programmes, via the NexTView service, is only possible on certain channels. From step 2 above, select **NexTView Channel** and choose with the **PR+** or **PR-** keys, a channel that broadcasts a programme guide. Hold the key down for a rapid selection. See the list of channels on the following page.

Updating Naviclick (via Teletext)

Sometimes certain channels modify the organisation of their Teletext journal. In this case, unless there has been a total modification of the structure, you must update the number of the first page of Teletext allocated to the programmes guide. The list of pages is generally broadcast with the Teletext journal. Use the Teletext function of your television set to find this information. Look for the number of the page for the current day programmes and the number of the page for the following day programmes. See also the limited list on the following page.

From step 2 above, select **Channel Page** and press **OK**. The menu that is displayed indicates, channel by channel, 2 Teletext page numbers (the first for current day programmes, the second for the following day programmes).

To update this information, place the cursor on the channel to be modified using the **▲ ▼** keys. Then enter the 2 numbers for the correct pages using the **number** keys.



Note: For correct operation of the Naviclick guide described on page 26, it is indispensable that a Teletext page number (for those channels broadcasting it) is indicated for each channel. The page numbers allocated to channels on this screen were set during the installation of your DMR. We recommend that you do not change them.

Further information

NexTVView Channels

The number of channels offering the NexTVView service is constantly increasing. At the time of printing these instructions, the channels diffusing NexTVView were as shown below. For your information, an English Internet site allows you to consult the channels offering the NexTVView service: (<http://nxtvepg.sourceforge.net>, then click on the link: [provider table](#)).

France	: M6, Canal+, EuroNews, TV5
Germany/Austria	: RTL2, KABLE 1, 3 SAT, EuroNews
Switzerland	: SFI, TSR 1, TSI 1, KABLE 1, 3 SAT, EuroNews
Turkey	: TRT 1



Channels and Teletext pages (Naviclick)

For channels that broadcast Teletext, the TV programmes are available on certain pages. The following list provides some of them. For others see the document supplied separately.

Countries/ Channels	Todays Programmes	Tomorrows Programmes	Countries/ Channels	Todays Programmes	Tomorrows Programmes
Austria			Norway		
ORF1	311	327	NRK1	501	-
ORF2	321	330	NRK2	503	-
Belgium			TV2N	502	-
TV1	601	-	Poland		
TV2	161	-	TVPI	301	321
Czech Republic			TVP2	311	321
CT1	301	311	CPP	301	-
CT2	306	316	POLS	301	309
NOVA	301	311	Portugal		
PRIM	301	308	RTP1	301	-
Denmark			RTP2	335	-
DR1	301	-	RTP1	370	-
DR2	303	-	United Kingdom		
TV2D	301	-	BBC1	601	631
France			BBC2	602	-
ARTE	401	421	CH4	114	125
FR2	421	-	CH5	125	139
FR3	-	-	ITV	113	-
FR5	502	-	Sweden		
TF1	110	-	SVT1	601	-
TV5	302	308	SVT2	603	-
NEWS	301	-	TV4	619	-
Germany			Spain		
ARD	301	305	TVE1	401	405
ZDF	301	305	TVE2	409	413
RTL	301	305	ETB1	413	414
RTL2	301	305	ETB2	413	414
Holland			Switzerland		
NED1	201	-	SFI	302	310
NED2	202	-	SF2	302	310
NED3	203	-	TSI1	301	310
Hungary			TSI2	301	321
DUNA	301	-	Turkey		
Ireland			TRT1	301	-
RTE1	171	-	TRT2	302	-
NET2	172	-	TRT3	303	-
Italy					
RAI1	502	507			
RAI2	502	507			

Further information

Caution

Protect the DMR from moisture and excess heat (e.g. fireplace) or equipment creating strong magnetic or electric fields (i. e. speakers...). Disconnect the power cable from the mains electricity supply if the DMR malfunctions. Your DMR is not intended for industrial use but for domestic purposes only. Use of this product is for personal use only. Copying CDs or downloading music files for sale or other business purposes is or may be a violation of copyright law.

Disclaimer of warranty: to the extent allowed by applicable law. Representations and warranties of non-infringement of copyrights or other intellectual property rights resulting from the use of the product under conditions other than as hereabove specified are hereby excluded.

Condensation

If your DMR or a disc have been stored in a cold atmosphere, as for example during transportation in the winter, wait for approximately 2 hours until they have reached room temperature.

Discs

Always handle your discs with care. Hold a disc with fingers on the border or hole. Always place disc with the label facing upward (in case of a single-sided disc). Always place the disc properly into the tray using the proper guide area. Always use a soft cloth to clean discs if necessary, wipe from the centre to the border. Always put discs back into their cases after playing and store in a vertical position. Never use record cleaning sprays, benzine, static electricity liquids or any other solvent, if the disc surface is dirty. Wipe gently with a soft damp (water only) cloth, never wipe the disc in a circular motion, since circular scratches are likely to occur and could cause noise during playback.

Regarding Audio formats

Dolby Digital is a sound compression technique developed by Dolby for multi-channel digital audio signals. The Dolby Digital system enables any audio channel configuration, from a stereo sound (2 channels) up to the digital "surround" sound 5.1.

«Dolby Digital» and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation. Copyright 1992 Dolby Laboratories Inc. All rights reserved.

DTS - is a digital sound compression technique developed by Digital Theater Sound Systems for digital audio multichannel signals.

"DTS" and "DTS Digital Out" are registered trademarks of Digital Theater Systems inc.

PCM - If the device connected to the DIGITAL AUDIO OUT sockets does not support Dolby, DTS or MPEG signals, your DMR will deliver PCM (Pulse Code Modulation) signals. In this case Dolby Digital, DTS or MPEG must not be selected.

The linear PCM is a signal recording format used for CDs. CDs are recorded in 44.1kHz / 16bits. DVDs are recorded in 48kHz / 16 bits, or even up to 96kHz / 24 bits.

Further information

For your safety

Never open the DMR or any of its components. It can be dangerous for you or for certain fragile components. You could receive an electric shock or touch the laser beam. Do not place your eyes close to the opening of the disc tray or any other opening to look inside the DMR.

DVD copy protection

In accordance with the DVD standard, your DMR is equipped with a Copy Protection system, which can be triggered on and off by the DVD disc itself, in order to make any recording of the concerned DVD disc onto a videotape of very poor picture quality, or even impossible. "This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home use only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited." If the appliance is opened or its components interfered with (dismantled, replaced etc) the warranty clauses shall be annulled.



Remote control - Code A-B

Remote control setting on code B

	No. to key in	On display panel
Code A	3000	DVD A
Code B	3001	DVD B

Note: the remote control of your DMR is set to code A (3000). To set it to code B (3001) follow the procedure described below.

1. Press and hold the **DVD** key.
2. With the number keys, press **3, 0, 0, 1**.
3. Release the **DVD** key.

DMR setting on code B

1. Switch on your DMR.
2. Check that there is no disc in the disc tray.
3. Simultaneously press the **PAUSE, PLAY, AV** keys at the front of your DMR and release them when your DMR displays **DVD B**.
4. Try to control your DMR with the remote control.

Note: in the event of a problem, redo the setting of both components: the remote control and your DMR.

Technical data

Power requirements 220 to 240 V - 50/60 Hz

Power consumption 36 W when ON (approx.) < 3 W in the eco mode.

Functioning conditions +5°C to + 35°C surrounding humidity: 80 % maximum

Playback system Laser diodes - Wave length: 655 / 780 nm, Laser power CLASSE 2

Reception norms LL' - BG - I - DKK'

Number of storable channels 99

Remote control Infrared 33 Khz - Batteries 2 x 1.5V (AAA)

Nominal Specification - THOMSON reserves the right to change the specifications without notice.