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This manual applies to several TV set models. Some features may not be available on the model you purchased. Refer to the feature table provided with this manual to find out the main features of the relevant model.

Optional functions are indicated by the following symbol: 

The model number of your TV set is on a label at the back of the set and on the cover of this manual.


## Important information

### Safety

Ensure that your domestic mains supply voltage matches the voltage indicated on the identification sticker located at the back of your set.

The TV set's components are sensitive to heat. The **maximum ambient temperature** should not exceed **35° Celsius**. Do not cover the vents at the back or sides of the TV set. Leave sufficient space around it to allow adequate ventilation. Install the appliance away from any source of heat (fireplace, ...) or appliances creating strong magnetic or electric fields.

**Moisture** in rooms where the set is installed should not exceed **85%** humidity. If you have to use the TV set outdoors, **do not expose it to rain or splashing water**. Therefore be careful not to place any object containing a liquid (vase, glass, bottle,...) on or near your appliance. Moving the set from a cold place to a warm one can cause condensation on the screen (and on some components inside the TV set). Let the condensation evaporate before switching the TV set on again.

If you intend to be **away for a long period**, switch the TV set off at the on/standby switch . Even when off, some components remain in contact with the mains electricity supply. To completely isolate the set you must remove the plug from the mains supply socket.

During **thunderstorms**, we recommend that you disconnect the TV set from the mains and aerial so that it is not affected by electrical or electromagnetic surges that could damage it. For this reason, keep the **mains and aerial sockets** accessible so they can be **disconnected**, if necessary.

**Unplug** the TV set immediately if you notice it giving off a **smell of burning** or **smoke**. You must never, under any circumstances, open the TV set yourself, as you run the risk of an **electric shock** in doing so.



Before setting up your television set, make sure that the surface you want to put the set on can support its weight (see the list of specifications provided with the booklet).

Don't place the set on an unstable surface (e.g. moving shelf, very edge of a unit) and make sure that the front of the television set does not overhang the surface it is sitting on.

### LCD panel

The LCD panel used in this product is made of glass. Therefore, it can break when the product is dropped or impacted upon by other objects.

The screen of your LCD TV is protected by a glass shield. Under certain conditions (changes of temperature and humidity) moisture may form between the glass and the screen. If this relatively rare condition arises, it is only necessary to switch on the LCD TV for around twenty minutes, to make it disappear.

The LCD panel is a very high technology product, giving you finely detailed pictures. Occasionally, a few non-active pixels may appear on the screen as a fixed point of blue, green or red. This does not affect the performance of your product.

In order to ensure long performance of your set and reduce the risk of screen burning, please observe the following precautions.

- Do not display still images (still computer and video game images, logos, pictures, text and images displayed in 4:3) for extended periods of time;
- Use a screen saver when using a computer;

### Care

Use a glass-cleaning product to clean the screen and a soft cloth and mild detergent to clean the rest of the set.

**Important:** Using strong detergents, alcohol-based and abrasive products may damage the screen.

Dust the vents at the back and sides regularly. Using solvents, abrasive or alcohol-based products could damage the TV set.

Never open the appliance yourself since this may put you at risk or damage the appliance.

**THOMSON disclaims any liability if the TV set is not used in accordance with this manual.**

 HELPLINE THOMSON

You can contact THOMSON by dialling: **0871 712 1312**  
(for United Kingdom, £0.10/mn inc VAT)

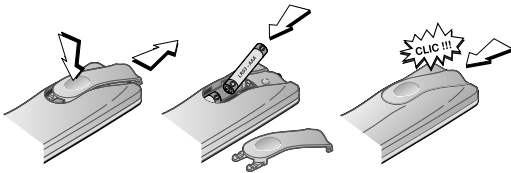
[www.thomson-europe.com](http://www.thomson-europe.com)

*In the interest of improving the quality of our products, we reserve the right to modify their features. The information in this manual is, therefore, subject to change and does not represent any kind of contract.*

# Getting started

## Switching on

Follow the instructions on this page on how to switch on your TV set and the remote control before going on to following pages describing how to use the remote control and the channel set-up procedure.

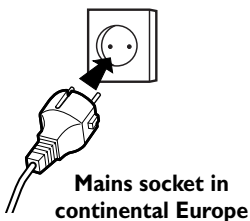


### 1. Insert two LR03 or AAA batteries in the remote control.

*Precautions on using batteries:*

- Only use the battery types specified.
- Make sure you use the correct polarity.
- Do not mix new and used batteries.
- Do not use rechargeable batteries.
- Do not expose batteries to excessive heat, throw them in a fire, recharge them or try to open them, as this could cause them to leak or explode.
- Remove the batteries from the remote control if you are not using it for a long period of time (several weeks).

220 - 240 V ~ 50 Hz



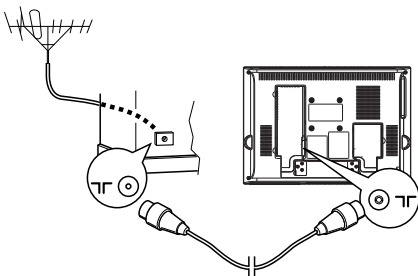
### 2. Connect the TV set to a mains socket.

*Your TV set should only be connected to a 220 - 240 V ~ 50 Hz AC supply. It must not be connected to a DC supply. If the plug is detached from the cable, do not, under any circumstances, connect it to a mains socket, as there is a risk of electric shock.*



*Equipment for the UK and Ireland is supplied with a mains cable fitted with a moulded plug.*

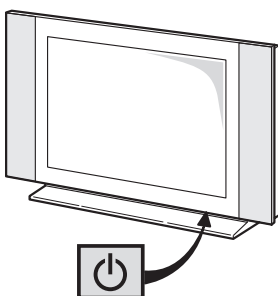
*This plug contains safety components and must not be replaced by one sold by general retailers. It is fitted with a fuse that protects your television. If your set has stopped working, the fuse may have blown. If it has, replace it with an identical ASTA or BSI certified (BSI 362) 5-amp fuse.*



### 3. Connect the outside aerial or cable network to the socket at the back of the TV set.

*The aerial socket (75 Ohms - VHF / UHF / cable) can be used for connecting an external aerial or other equipment fitted with a modulator (video recorder, satellite receiver, etc.).*

*We recommend that you do not connect other equipment (video recorder, satellite receiver, etc.) to your TV set to begin with, so as not to complicate the set-up procedure with the additional steps involved. Connect them when you have finished setting up the channels by referring to page 14 of this manual.*



### 4. Switch on the television set by pressing the on/standby button on the front face of the set (towards the right).


You will find a description of how to use the remote control on page 4. Then go to page 5 for information on the initial set-up, or to page 6 for information on manual set-up (if the channels have already been set up on your TV).



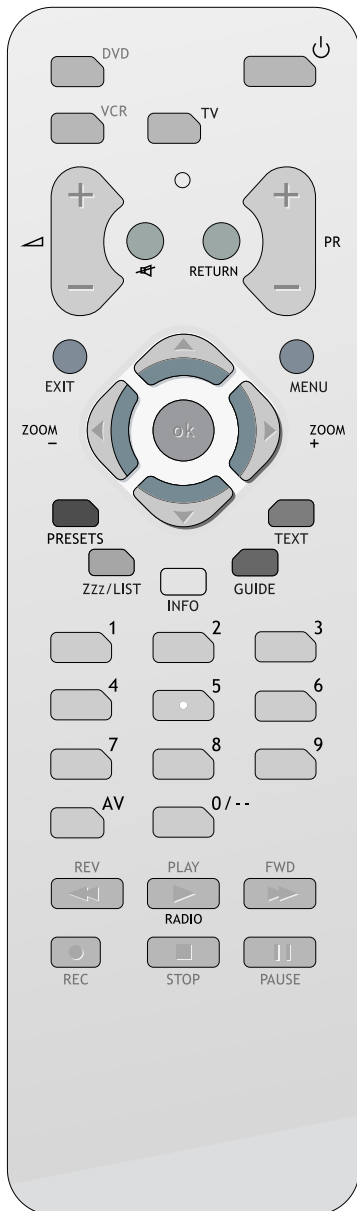
*Please respect the environment and the relevant regulations. Before you dispose of batteries (or accumulators), ask your dealer whether they require special recycling and if he is able to take them back.*











## Getting started

### Remote control TV functions

Most of your television's functions are available via the menus that appear on the screen. The remote control supplied with your set can be used to navigate through the menus and to configure all the general settings. It also provides control functions for most DVD players and for recent VCRs from the Thomson, Saba, Brandt, Ferguson, and Telefunken brands. The remote control and its functions may vary depending on the model of television. The rest of this page contains the description of the most comprehensive remote control. Optional remote control features are indicated by the symbol .

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-  Standby / quit standby.
-  **DVD** To access DVD mode.
-  **VCR** To access VCR mode.
-  **TV** To access TV mode.  
Press this button to control the television. If you do not have this button on your remote control, it means that you can access the TV functions directly, without pressing a button beforehand.
-  **light** To provide information:
  - it lights up when you press a button,
  - it indicates the status when the remote control is being programmed (see page 5),
  - if the batteries are run down, it flashes when you press a button.
-  **+/-** To control the volume.  
This function is also available in **VCR** and **DVD** modes.
-  **A** To switch the sound off and back on again.
- RETURN** To return to the previous menu.
- PR+/PR-** To change channels.
- EXIT** To close a menu.
- MENU** To access the **OVERVIEW** menu.
-  **▲ ▼** To select menu options.
-  **◀ ▶** To set functions, change values, enable and disable functions.  
4/3 models: to select the picture format  
16/9 models: to select the zoom function.
- OK** To confirm a selection.  
Coloured buttons:
- PRESETS** (red button) image and sound presets.
- ZZZ/LIST** (green button) sleep timer.
- INFO** (yellow button) status information.
- GUIDE** (blue button) disabled in TV mode.
- TEXT** (purple button) Teletext.  
The coloured buttons can also be used for operating Teletext.
- 0-9** To select a channel by its number.  
In the case of channel numbers with two digits:
  - press the two digits quickly, or
  - press 0 twice to display "--", then enter the channel number.
- AV** To select an appliance connected to an AV socket.
-  **RADIO** Not active.
- REV-PLAY** Play and record functions for VCRs,
- FWD-STOP** play functions for DVD players.
- PAUSE-REC**

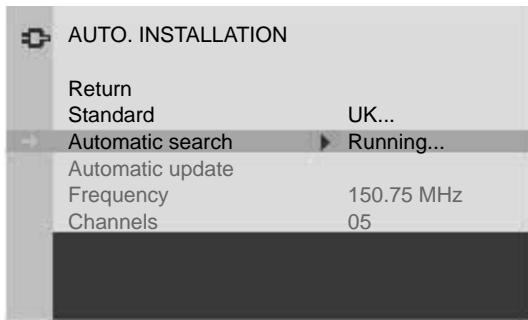
*Important:*

*If the batteries in your remote control are run down, you can use the buttons on the front of your set, as they have the same functions as those on the remote control.*

## Chapter 2

## Channel set-up

### Initial set-up



Initial set-up involves selecting all the settings required to be able to search for and store all the channels you can receive.

Make sure that the television is switched on and follow all the steps in turn specified on this page.

**1.** The first time the TV set is turned on, a list of languages is displayed. Use the **<>** and **▲ ▼** buttons to select your language and confirm with **OK**.

When you select a language it is applied to the menus immediately.

**2.** A list of countries is displayed. Select the relevant country using the **▲ ▼** and **<>** buttons. Press **OK** to confirm.

*Note: This is the country you are in, or the country whose channels you want to receive if you live near its borders.*

**3.** The **AUTO. installation** menu is displayed with the **Standard** option selected. Select a suitable standard using the **<>** buttons.

*Note: the following standards are available to choose from: **UK** for the UK and Ireland, **FR** for France and Luxembourg, **DK** for Eastern Europe, the Middle East and Asia, **EURO** for Western Europe, Australia and New Zealand.*

**4.** Then select the **Automatic search** option using the **▼** button and press **OK** to start the search. During this time the message **"Running"** appears next to the **Automatic search** option and the **Frequency** and **Channels** options appear, informing you of the installation procedure's progress.

If you press the **EXIT** button before the end of the search the channels already found are stored.

Once the search has ended the **ORGANISER** menu appears (see below).

**Automatic update** lets you include channels that have only recently started up or complete your installation if some channels are missing or have been wrongly set up.

You may subsequently return to **AUTO. INSTALLATION** menu.

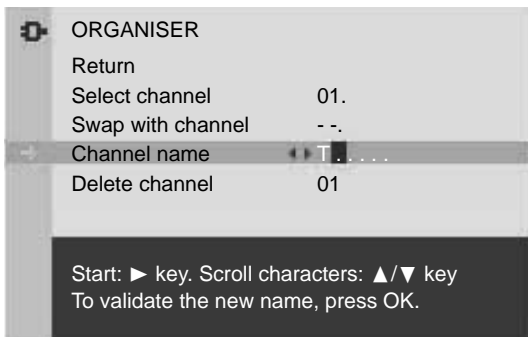
Display the **OVERVIEW** menu by pressing the **MENU** button.

Select the **Installation** option and press **OK** to confirm.

Select the **Automatic Installation** option from the **INSTALLATION** menu and press **OK** to confirm.

Select the relevant country using the **▲ / ▼** and press **OK**.

### Organiser



Using this menu you can change the order the channels have been arranged in during automatic set-up, name and rename channels and delete duplicate channels or those with poor reception quality.

Follow the help messages at the bottom of the screen and refer to a TV programme guide to help identify the channels.

### Arranging channels in order

The **Select channel** line is selected.

Display the channel number to be changed using the **PR+/PR-** buttons or the **0-9** keys.

Select the option **Swap with channel**.

Enter the new programme number using the **0-9** keys.

Press **OK** to confirm.

When you successfully finish the swap, the bottom help line will show **"The programmes have been swapped"** message.

Follow the same procedure for the other channels.

### Deleting channels

The **Select channel** line is selected.

Display the channel number to be changed using the **PR+/PR-** buttons or the **0-9** keys.

Select the **Delete channel** option and press the **OK** button to delete the channel.

Once this channel has been deleted the bottom help line will show **"The programme has been deleted"** message.

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## Channel set-up

### Naming or renaming channels

The **Select channel** line is selected.

Display the number of the channel whose name you want to change using the **PR+/PR-** buttons.

The relevant channel appears. Select the **Channel name** option and press the **>** button to place the cursor on the first character.

Using the **▲ ▼** buttons, select a character from the list, which includes letters from the alphabet, numbers between 0 and 9, the characters **+, .** and space.

Go on to the next character or back to the previous character using the **<>** buttons and start the procedure again.

Press **OK** to confirm. Names can have a maximum of six characters.

Press **EXIT** to close the menu.

**Note:** You may subsequently return to **ORGANISER** menu:

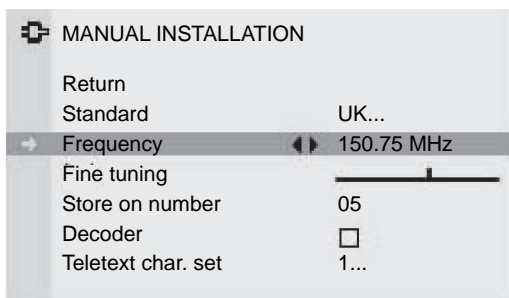
Display the **OVERVIEW** menu by pressing the **MENU** button.

Select the **Installation** option and press **OK** to confirm.

Select the **Organiser** option from the **INSTALLATION** menu and press **OK** to confirm.

### Manual channel set-up

Follow the procedure given on this page if you find that some channels have not been stored during the initial set-up. This can happen if you are setting up cable network channels. Setting up channels manually requires every setting for a particular channel to be entered, one at a time.



Display the **OVERVIEW** menu by pressing the **MENU** button. Select the **Installation** option and press **OK** to confirm. Select the **Manual instal.** option from the **INSTALLATION** menu and press **OK** to confirm.

1. Select the **Standard** option and then the relevant standard for your country using the **<>** buttons.

*Note: the following standards are available to choose from: **UK** for the UK and Ireland, **FR** for France and Luxembourg, **DK** for Eastern Europe, the Middle East and Asia, **EURO** for Western Europe, Australia and New Zealand.*

2. Select the **Frequency** option. Use the **<** or **>** button to start the search in descending or ascending order. When a channel is found pictures appear.

3. If the picture is not clear you can adjust the setting. You do this by selecting the option **Fine tuning** and adjusting it with the **<>** buttons.

4. If the channel is encrypted and you want to connect a decoder, select the **Decoder** option and check the box by pressing the **OK** button.

5. Then select the **Character set** option and choose the character set that will be used for Teletext on this channel using the **<>** buttons. The following character sets are available:

- 1 : Western Europe
- 2 : Eastern Europe
- 3 : Russian and Bulgarian
- 4 : Greek
- 5 : Arabic
- 6 : Ukrainian
- 7 : Belarussian

The character set selected determines how characters are displayed on Teletext screens.

6. Select the **Store on number** option to assign a number to the channel. Enter the number using the numeric buttons. Press the **OK** button to confirm.

*Important: as soon as you change a setting in the **MANUAL INSTALLATION** menu the channel number starts flashing under the **Store on number** option. To confirm your change you must select the **Store on number** option and press **OK**. If you do not confirm the change it will be cancelled when you change channel or put the television into standby mode.*

Repeat this procedure to find other channels.

### Favourite channels

With this menu you can choose the 6 channels you watch the most to access them more quickly in the future (see page 7).


Bring up the **OVERVIEW** screen by pressing the **MENU** button. Go to the **Installation** line and press **OK** to confirm.

In the **INSTALLATION** menu, go to the **Favourites** line and press **OK** to confirm.


Proceed from line to line by means of the **<>** buttons and choose your 6 favourite channels.

## General operation


### Switching the television set on or to standby

To switch the TV set on, press the  button located on the front of the set.

### Standby mode

Press the  button on the remote control or on the appliance. The TV set remains powered up, but with low energy consumption.

### Quitting standby mode

- press the  or any numeric button on the remote control,
- press the **TV** or **OK**, buttons to switch the television on at the last channel you were watching,
- press **PR+/PR-** buttons to display the follow channel or precedent the last channel loocking.
- press the **AV** button to switch the television on at the last AV programme you were watching.

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## Volume

Volume control: use the **VOL+/VOL-** buttons on the front of the TV set or press the relevant buttons on the remote control to increase or decrease the volume.

Sound mute: press the  button to temporarily mute the sound. Press this button again or the **VOL+** button to restore it.

## Displaying status information

In TV mode, press the yellow button (**INFO**) on the remote control handset to display the channel number and name, the date, the time, the type of sound, and the type of format or zoom. If automatic shut-off has been programmed, the time left is displayed.

In VGA mode, the picture resolution is displayed.

When you switch on the television or change channels, the number and name of the channel are displayed if you entered its name under the **ORGANISER** menu.

## Accessing channels

### Using the numeric buttons:

- for channels 1 to 9, press the corresponding button.
- for channels 10 to 99,
  - press the tens digit for a few seconds to display "x-" on the screen, then press the units digit, or
  - press the 0 button to display "--", then enter the two digits.

Using the **PR+/PR-** buttons: scroll through the channels. Av programmes are not included in the cycle unless you use the buttons on the front of the TV set.

## Last programme



Press the **RETURN** button to go straight to the last channel watched.

## Accessing AV programmes

Press the **AV** button to display the last selected audio-visual programmes and scan through the other audio-visual programmes.



AV selection loop: AV1, AV1-S, AV1 RGB, AV2 (depending on the model), AV2-S (depending on the model), AV3, AV3-S, CMP, VGA.

## Favourite channels

Press the red button to display the presets menu. Go to the **Favourites** line using the   buttons and then choose **Favourites**. Now when you scroll through the channels with the **PR+/PR-** buttons you only go to those channels you have marked as your favourites (see page 6).

Select **All channels** if you want to scroll through every saved channel.

## Zoom

In TV mode, you have the option of changing the display format and using the zoom function via the   buttons. The formats and zoom functions vary according to the screen format.


16/9 sets have the following formats and zoom functions available:

**4/3 format** - picture in 4x3 format

**14/9 zoom** - picture in 14/9 letterbox format

**16/9 zoom** - picture in 16/9 letterbox format

**16/9 zoom up** - picture in 16/9 letterbox format with subtitles

 **Cinerama** - picture in widescreen 4x3 format

**16/9 format** - picture in 16/9 format

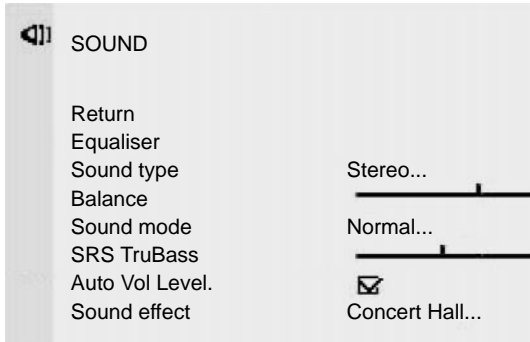
4/3 sets have two formats available: **4/3 format** and **16/9 format**.

When you change channels the format is not retained. However, if you used the zoom function, the setting will still apply.

## Operation

### Adjusting the sound

Display the **OVERVIEW** menu by pressing the **MENU** button. Select the **Sound** option and press **OK** to confirm.



The **SOUND** menu appears with the following options:

**Equaliser:** this option gives access to the graphic equaliser (see below).

**Sound type:** this option is used to select the appropriate sound type.

*Note: the options available depend on the programme you are watching.*

The table on this page indicates the sound types available for each type of broadcast.

**Balance:** use this setting to balance the sound between the right and left speakers.

**Sound mode:** the options available depend on the type of sound selected.

Use the **<>** buttons to select the mode you want (Normal, Wide, Stereo wide, or SRS WOW).

*SRS WOW is a combination of SRS audio technologies. It restores the spatial information of 3-D sound and incorporates TruBass technology to give full richness to the bass tones.*

**SRS TruBass:** Use the **<>** buttons to adjust the bass to suit your taste.

**Auto Vol Level:** this function softens loud sound effects. It is particularly useful when you are watching television late at night, for instance.

Check the box to enable this setting by pressing **OK**.

**Sound effect:** Use the **<>** buttons to select the sound effect that goes best with the programme you are watching.

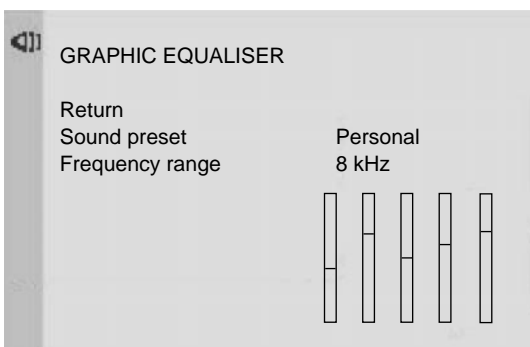
Press **EXIT** to close the menu. Select the option **Return** and press **OK** to return to the **OVERVIEW** menu.

Broadcast	Options
Mono	Auto, Mono
Nicam mono	Nicam, Mono
Nicam / IRT stereo	Stereo, Mono
Bilingual Nicam	S1, S2, S3
Bilingual IRT	S1, S2
AV	Stereo, S1, S2

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SRS technology is incorporated under licence from SRS Labs, Inc.

### Graphic equaliser



Select **Equaliser** from the **SOUND** menu and press **OK** to display the menu.

This menu is used to select a preset parameter and define your own settings using the graphic equaliser.

It offers the following options:

**Sound preset:** use the **<>** buttons to select the appropriate setting for the programme you are watching.

The **Personal** setting stores your graphic equaliser settings.

You can access the list of preset sound settings directly by pressing the **PRESETS** button (red) on the remote control, selecting the **Sound preset** option and choosing one of the preset parameters from the list. Your selection is applied to all channels and AV programmes.

**Frequency range:** the graphic equaliser has five frequency bands. Select each band in turn using the **<>** buttons and make the necessary adjustments using the **^** **v** buttons. Press **OK** to confirm.

*Note: When you are setting the graphical equaliser, **Personal** appears under the **Sound preset** option.*

Press **EXIT** to close the menu. To return to the **SOUND** menu, select **Return** and press **OK** to confirm.



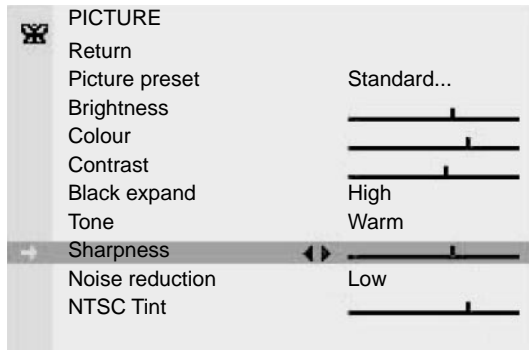
## Adjusting the picture

The **PICTURE** menu can be used to adjust the current settings, to apply preset settings and define your own preferred settings.

Display the **OVERVIEW** menu by pressing the **MENU** button.

Select the **Picture** option and press **OK** to confirm.

The **PICTURE** menu appears. It offers the following options:



**Picture preset:** use the ◀ ▶ buttons to select from the preset settings offered (Standard, Film, Sport, Studio, Personal) the one which suits best the programme you are watching.

The **Personal** option contains the values you have defined for all the settings.

*Note: whenever you modify a value, the **Picture preset** option displays **Personal** and your settings are stored as your new personal settings. This line is not available in PC mode.*

**Brightness, Colour, Contrast:** adjust these settings as required using the ◀ ▶ buttons. These settings are automatically stored under **Personal** in the **Picture preset** option.

**Black expand:** lets you adjust the contrast to suit ambient lighting (Maximum, Medium, Minimum, or Inactive). Use the ◀ ▶ buttons to choose the desired option.

*Note: This line is not available in PC mode.*

**Tone:** this function is used to adjust the colour balance. Choose Warm, Neutral, or Cold using the ◀ ▶ buttons.

**Sharpness:** adjust this to suit your preferences using the ◀ ▶ buttons.

*Note: This line is not available in PC mode.*

**Noise reduction:** improves picture quality when reception is difficult. Select an option from the list using the ◀ ▶ buttons.

*Note: This line is not available in PC mode.*

**NTSC Tint:** this option is only available for NTSC audio-visual sources. It can be used to adjust the picture's tint.

*Note: This line is not available in PC mode.*

If you use the LCD TV set in PC mode, the **PICTURE** menu allows access to the following functions:

**Auto-adjustment:** this function is used to automatically adjust the **Phase** and **Clock** functions. Press **OK** to start the adjustment process and wait until **Done** appears.

**Phase, Clock:** adjust these settings as required in order to enhance picture quality.

**Horiz. position:** use the ◀ ▶ buttons to move the picture horizontally on the screen.

**Vert. position:** use the ◀ ▶ buttons to move the picture vertically on the screen.

Press **EXIT** to close the menu. To return to the **OVERVIEW** menu, select **Return** and press **OK** to confirm.

In TV mode you can press the red button to access directly the list of preset settings. You can then select a preset setting by pressing the ◀ ▶ buttons.

Press **EXIT** to close the menu.

## Operation

### Setting the time

The **TIME** menu can be used to set the time on the TV set and program the automatic sleep timer or wake-up timer functions.

Display the **OVERVIEW** menu by pressing the **MENU** button. Select the **Time** option and press **OK** to confirm.

### Setting the time

1. Select the **Time reference** option.
2. Enter the number of the channel which the time will use as a reference point, or select it from the list using the **<>** or **PR+/PR-** buttons. The time is displayed after a few seconds if it is available on the selected channel.

If the time is not provided by the channel selected under the **Time reference** option, this means the time is not set. In this case, the setting **--** is automatically selected under the **Time** option. To set the time manually, select the **Time** option and enter the time using the numeric or **<>** buttons.

If the date is not supplied by the channel selected on the **Time reference** line, the date is not adjusted. The **--/--/--** setting is automatically preselected on the **Date** line. To enter a date manually, select the **Date** line and use the number keys.

*Note: if the power supply is disrupted (i.e. the set is switched off using the on/off button or unplugged, or there is an electrical fault), the time will disappear if it has been entered manually. You must reset it. We therefore recommend you find the time on a channel and check that it is correct.*

Once you have set the time, you can use the **Wake up timer** and **Turn off timer** functions.

### Calendar

This function is used to display the calendar.

1. Select the **Calendar** line.
2. Press the **>** button to bring up the calendar.
3. Successively select the **Month** and **Year** lines and use the **<>** buttons to select the current month and year.  
*Please note: you can set the calendar to any year between 1880 and 2099.*
4. The **Today** line lets you bring back the display to the current month. To do so press the **<>** buttons or the **OK** button.  
*This line is only active if the date has been set in the **TIME** menu.*

### Programming the wake-up timer

This function can be used to set the time for the set to come on, for instance, for the television to wake you up.

1. Select the **Wake up timer** line and select **Once** to be woken-up a single time or **Daily** to be woken up at the same time every day.

*Note: to deactivate wake-up, select the **Off** option.*

2. Under the **Wake up time** option enter the wake-up time using the numeric or **<>** buttons.
3. Under the **Wake up channel** option enter the number of the channel you want to wake you using the **<>** or numeric buttons.

*Note: if you have programmed a wake-up and are not there when the appliance comes on, it will automatically switch off after two hours if no activity using the buttons on the front of the set or the remote control has been detected.*

### Schedule automatic shut-off

This function lets you set a time when the appliance will switch itself off.

1. Select the **Turn off timer** line then select **Once** for a single stoppage or **Daily** for shut-off at the same time every day.

*Note: to deactivate automatic shut-off, select the **Off** option.*

2. On the **Turn off time** line, enter the shut-off time using the number buttons or the **<>** buttons.

### Programme a sleep time

This function is used for setting a sleep timer.

1. Select the **Sleep timer** line.
2. Using the **<>** buttons, set how long the TV set must wait before automatically going into standby mode (from 0:15 hours to 4:00 hours in 15 minute intervals). To deactivate this function, set it to **Off**.

## Parental control

The parental control functions allow you to limit your children's access to the television. You can do this by locking the buttons on your TV set, thereby barring access to certain channels and/or AV programmes (except CMP and VGA). These functions are protected using a PIN code.

Display the **OVERVIEW** by pressing the **MENU** button. Select the **Parental Control** line and confirm this by pressing the **OK** button.

If no access restriction function has been activated and a Personal code has been defined, the **PARENTAL CONTROL** menu comes up.

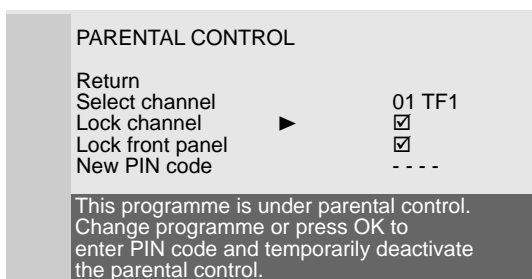


If this is not the case, the **PIN CODE** menu comes up:

1. Enter a 4-figure code.

*Note: choose a code you can remember easily.*

2. Type your code in a second time to confirm it and the **PARENTAL CONTROL** menu will come up.



### Locking a channel or AV programme

1. In the **PARENTAL CONTROL** menu, select the **Select channel** line, use the **<>** buttons, numeric or **PR+/PR-** buttons to select the channel to be locked. Use the **<>** buttons or press the **AV** button to access the AV programmes.

2. On the **Lock channel** line, activate the tick box using the **OK** button.

To unlock the channel or AV programme, call up the **PARENTAL CONTROL** menu by entering your code, select the **Lock channel** line, and unselect the tick box with the **OK** button. Quit the menu with **EXIT**.

### Locking the appliance's buttons

1. In the **PARENTAL CONTROL** menu, select the **Lock front panel** line and activate the tick box by pressing the **OK** button.

2. The buttons on the front panel are immediately locked along with the **INSTALLATION** and **TIME** menus. The remote control handset is now needed in order to use the TV set.

To cancel locking, go to the **PARENTAL CONTROL** menu by entering your code, select the **Lock front panel** line, and unselect the tick box by pressing the **OK** button. Quit the menu with **EXIT**.

### Modifying your personal code

1. In the **PARENTAL CONTROL** menu, select the **New PIN code** line and enter a new 4-figure code using the number buttons on the remote control handset.

2. Type the code a second time to confirm it.

To go back to the **OVERVIEW**, select **Return** and confirm with **OK**. To quit the menu, press **EXIT**.

### Operation (TV mode)

As soon as an access restriction function is activated, you will need to enter your personal code:

- to access the **PARENTAL CONTROL** menu,
- to access the **TIME** menu,
- to access the **INSTALLATION** menu.

To unlock the **TIME** and **INSTALLATION** menus, you will need to deactivate the two access restriction functions.

To watch a locked channel or AV programme, try to access it normally then follow the procedure that comes up on the screen. Locking will be reactivated when you place the TV set in standby mode.

*Note: if you have forgotten your PIN code you can cancel it. You do this by putting the TV set into standby mode, then pressing the **EXIT** button on the remote control and the **VOL-** button on the front of the set at the same time for five seconds. The TV set will then come on. If just one of the functions limiting access is active you will be requested to set a new password. This procedure is possible, even if you have locked the buttons on the front of the TV set.*

# Operation

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## Teletext

The Teletext service is available in many countries under a variety of names (TOP Text, Fasttext, FLOF text, Videotext). It is provided as a free service by television broadcasters. This service provides a real wealth of information, available at any time, on weather, sports results, news, games, etc. The information is presented in pages or organised in topics specified in colour on the screen and you can access this information by simply pressing the buttons of the relevant colour on the remote control.

## Accessing Teletext

Press the **TEXT** button on the remote control. Teletext will display the last page selected, or if you have changed channel, the index page (usually 100).

To display a page, enter its 3-digit number or use the **PR+/PR-** buttons. The page appears after a few moments.

## Navigation bar

The navigation bar, located at the bottom of the screen, provides access to the next three pages and the previous page by pressing the relevant colour button on the remote control.

Press the **MENU** button to display the navigation bar and access the following functions:

**STOP:** this function is used to stop pages from following on in succession. Press the red button to select this function. The word **STOP** appears in place of the page number.

Press the red button again to allow the pages to follow on again.

**???** (hidden answers): press the green button to reveal a hidden answer (for example, in games). Press the green button again to hide the answer.

**ZOOM:** press the yellow button: once to zoom in on the top part of the screen, a second time to zoom in on the bottom part of the screen and a third time to return to normal display.

**MIX** (mixed display): press the blue button to display Teletext against a transparent background. Press this button again to return to normal display.

## Changing the character set temporarily

You can change the character set used for Teletext, if the existing one is not suitable for the channel you are watching. You do this by pressing the **MENU** button to display the navigation bar. Then press **OK** to display the number of the character set currently being used in place of **???**. Use the green button to select another character set.

The character set selected in the **INSTALLATION** menu is restored when the TV set is switched off or enters standby mode, or when you change channels.

In Teletext mode the volume control and sound mute functions are still available.

Press the purple, **EXIT** or **RETURN** button to quit the Teletext function.

## Other Teletext functions

### Newsflash

When a newsflash is detected, **MIX** is replaced by **N** in the navigation bar. Press the blue button to display the newsflash. In the case of an update, the Teletext function is enabled and displays the new information.

This function is disabled if the TV set enters standby mode or is switched off.

Press the **EXIT** or **RETURN** button to quit the Teletext function.

EN

### Subtitles

Some channels provide subtitles for some of their programmes. The number of the relevant pages is specified on the Teletext index page.

To display subtitles, enable the Teletext function, find the number of the page displaying the subtitles and enter it. Once the relevant page is found, the subtitles appear in the TV picture. The navigation bar disappears after a couple of seconds. To display the top bar, press the purple (**TEXT**) button.

Press the **EXIT** or **RETURN** button to quit the Teletext function.

### Direct access to subpages

Some information is spread across more than one page. To access subpages, press the **<** or **>** button. “---” appears beside the page number. Enter the subpage number using the numeric buttons.

To exit this mode allowing direct access to subpages, display a new page, press the **<** or **>** button, or change channels.

### Alarm page

In some countries (Spain, Benelux, etc.), you can set a time to display certain Teletext pages (alarm pages).

To do this, display the relevant alarm page and enter subpage mode. Enter the time instead of the subpage number (e.g. 1705 for 17:05) and press **EXIT**. The page will disappear and will appear again at the set time, as long as you do not change channels or switch off the TV beforehand.

### Fastext

If Fastext is available, direct access to previous and subsequent pages is replaced by coloured bars (red, green, yellow and blue), which provide links to the topics you can access by pressing the relevant colour button. Other topics accessible in the same way can also be displayed. Press the **MENU** button to go from these links to the navigation bar.

### Teletext adjustment

In some cases this function will improve the teletext display.

If the teletext you are watching seems to have any of the following faults,

- teletext subtitles are not displayed or are frozen
- certain lines of a teletext page are not displayed

Bring up the **OVERVIEW** screen by pressing the **MENU** button. Go to the **Installation** line and press **OK** to confirm.

In the **INSTALLATION** menu, go to the **Teletext adjustment** line and use the **OK** button to tick or untick the box as appropriate.

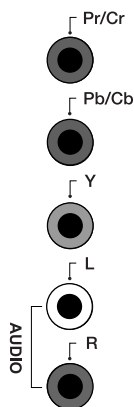
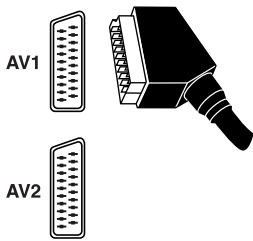
*The box is unticked by default*

Then go back to the page on which you noticed the faults.

## Chapter 4

## Other information

### Sockets



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#### AV1 peritel socket (input-output) on back of TV set (towards the left).

Use this to connect up a VCR or camcorder (VHS, S-VHS, 8mm, or Hi 8), a decoder, a satellite receiver, a DVD player, a videogame console, or any appliance providing a RGB signal.

To see pictures from the connected appliance, select AV1 using the **AV** button on the remote control handset.

For appliances with an S-VHS or Hi 8 format, select AV1-S.

For certain appliances, this selection is automatic.

#### AV2 peritel socket (input-output) on back of TV set (towards the left).

Use this to connect up a VCR or camcorder (VHS, S-VHS, 8mm, or Hi 8), a satellite receiver, a DVD player, a videogame console.

To see pictures from the connected appliance, select AV2 using the **AV** button on the remote control handset.

For appliances with an S-VHS or Hi 8 format, select AV2-S.

For certain appliances, this selection is automatic.

#### Audio and AV3 video CINCH sockets (input) on back of TV set (towards the right).

These are mainly used to connect camcorders (VHS or 8 mm). To see images from the connected appliance, select AV3 using the **AV** button on the remote control handset.

#### S-video (S) socket and audio (L, R) (input) AV3-S (input) CINCH sockets on back of TV set (towards the right).

These are mainly used to connect camcorders (S-VHS or Hi 8). To see images from the connected appliance, select AV3-S using the **AV** button on the remote control handset.

*Note: The sockets may be named differently depending on the TV model.*

#### VGA socket on back of TV set (towards the left).

For connecting up a computer.

Connect up the stereo sound input jack socket (located under the VGA socket) with the computer audio output

To see the computer's image output, select VGA using the **av** button on the remote control handset.

#### Component CINCH sockets and audio (input) CINCH sockets on back of TV set (towards the left) (CMP).

These are used for connecting a DVD player. The component signal sockets automatically detect whether the type of component signal received is interlaced (YPrPb) or progressive (YCrCb). To see images from the connected appliance, select CMP using the **AV** button on the remote control handset.

### Connecting headphones

Connect headphones or stereo earphones to the corresponding socket (H) on the back of the TV set (towards the right).

### Connecting a video recorder

To obtain optimum picture quality, use a SCART cable. However, you can also connect a video recorder to the television using the aerial socket.

Refer to the diagram on the inside cover at the end of the manual, which illustrates how this is done.

If you connect a video recorder only via the aerial socket (without using the SCART socket), switch it on and play a tape. Then search for the video recorder's relevant channel (refer to the relevant section).

If you connect a video recorder via the aerial socket, you should assign channel 99 to it in order to improve the picture quality when tapes are being played and in pause mode. However, we recommend you connect your video recorder via the SCART socket, as it provides better picture and sound quality.

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