

Introduction

Thank you for purchasing this television set.
Please read the following instructions carefully to familiarise yourself with all the features available on your set.
We hope our technology meets entirely with your satisfaction.

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English

Français

Magyar

Русский

Polski

Čeština

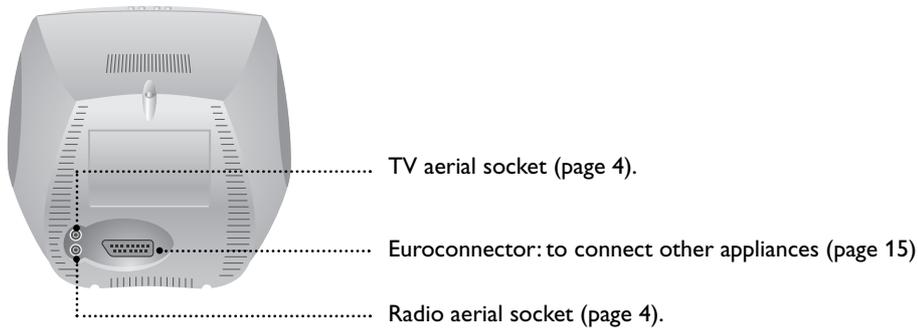
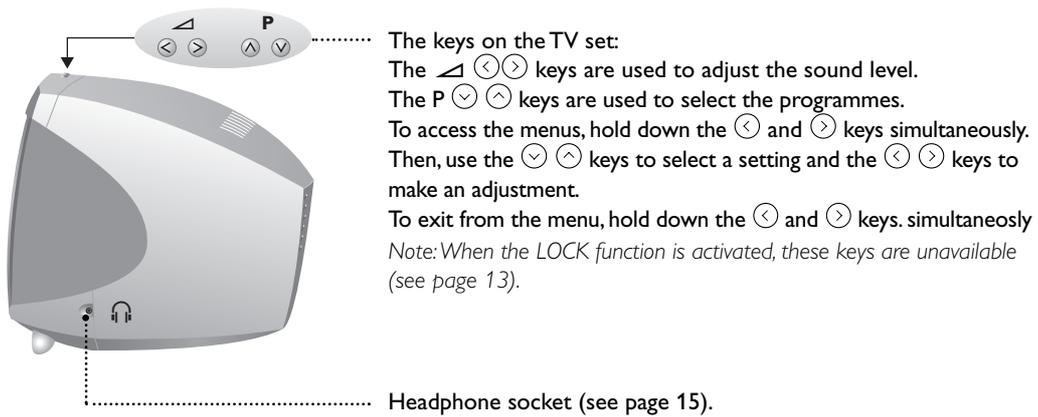
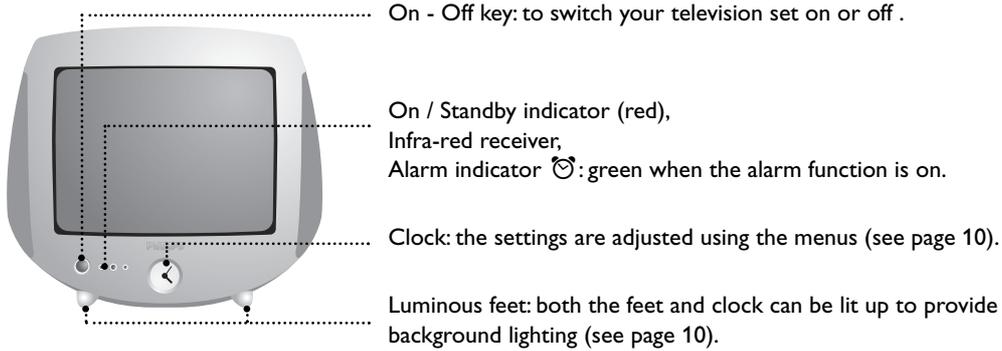
Slovenčina

Türkçe



Presentation of the television set

Your Philips television set is equipped with a new generation of tuner capable of receiving TV programmes and FM radio stations. Both the feet and the clock on the set are luminous and backlit. The clock includes an alarm function giving you the choice of waking up to the TV, radio or 3 different melodies.



The remote control keys

Sound mode
To switch from FM STEREO (and NICAM STEREO) programmes to MONO or, for bilingual transmissions, to choose between DUAL I and DUAL II (and NICAM-DUAL I, NICAM-DUAL II and mono).

Timer
To select an automatic standby period (from 0 to 240 minutes).

Select EXT socket (p.15) or to access the list of radio stations (p. 9)

Smart sound controls
To access the preset sound modes: (CINEMA, MUSIC, SPEECH and return to PERSONAL

Menu
To call up or exit the menus.
Note: the menus disappear automatically after 20 seconds if no further command is given.

Cursor
These 4 keys allow you to select the different menus

Volume
To adjust the sound level.

Mute
To disable or enable the sound.

Radio / TV Mode
To switch between the Radio and TV mode (p. 9).

TV Light
To activate / deactivate the TV light (p.10).

Alarm on/off
To switch the alarm function on or off (p.11).
The green light on the television set comes on when the alarm is activated.

Incredible Surround
Activates/de-activates the surround sound effect. In stereo, this gives the impression of the loudspeakers being further apart. In mono, a stereo spatial effect is simulated.

Standby
To set the TV to standby mode. To switch the set back on, press P \ominus \oplus , 0 9 or RADIO.

Screen Information
To display the screen information (p. 9).

Numerical keys
For direct access to programmes and teletext pages.

Smart picture controls
To access a series of settings: RICH (when the room is very light), NATURAL (optimum conditions) SOFT (when the room is very dark) and return to PERSONAL.

Teletext (p. 14) or confirmation key (p. 7)

Select programme
Selects previous or following programme (p. 9).

Teletext keys (p. 14)

Alarm off
To turn off the alarm (p. 11).
It will be reactivated 24 hours later at the programmed time.

Alarm menu
To call up or exit the alarm menu (p. 11).

Installing your television set

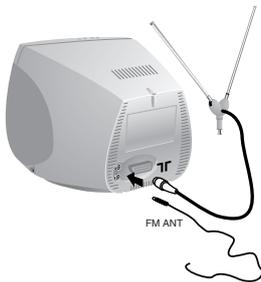


1 Positioning your television set

Place your TV on a solid, stable surface, leaving a space of at least 5 cm around the appliance.

To avoid accidents, do not put anything on the set such as a cloth or cover, a container full of liquid (vase) or a heat source (lamp).

The set must not be exposed to water.



2 Connecting the aerials

The television set is supplied with 2 internal aerials; one for receiving TV channels, and the other for receiving FM radio stations.

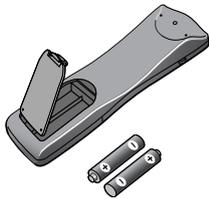
- Insert the TV aerial plug into the  socket at the rear of the set.
- Insert the radio aerial plug into the FM ANT socket.

With portable aerials, the reception may be poor under certain conditions. You can sometimes improve it by repositioning the aerial. If the reception remains unsatisfactory, an external aerial should be used.



3 Connecting the power supply

Insert the mains plug into the wall socket (220-240 V / 50 Hz).



4 Remote control

Insert the two R6-type batteries (supplied) making sure that they are the right way round.

The batteries supplied with this appliance do not contain mercury or nickel cadmium. Please do not discard your used batteries if you have access to a recycling facility (if in doubt, consult your dealer). When the batteries are replaced, use the same type.



5 Switching on

To switch on the set, press the on/off key.

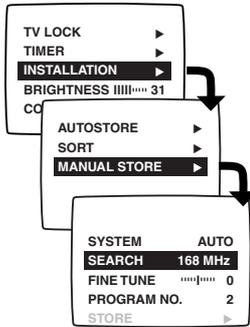
A red indicator comes on and the screen lights up.

If the television remains in standby mode, press P  on the remote control.

The hands of the clock move through 360° when the set is switched on for the first time.

The indicator flashes when you use the remote control.

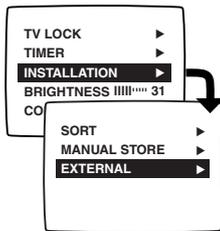
Manual tuning



This menu allows you to store the programmes one by one.

- ❶ In TV mode, press **MENU**. This main menu comes up on the screen.
- ❷ Press **0** once to select **INSTALLATION** then press **0**.
- ❸ Select **MANUAL STORE** (**0**) and press **0**.
The **MANUAL STORE** menu appears.
- ❹ Select **SYSTEM** (only available on certain models).
Use **0** to select, depending on the versions : **FRANCE** (standard LL'), **WEST- EU** (standard BG), **EAST- EU** (standard DK) or **UK** (standard I).
- ❺ Select **SEARCH** and press **0**. The search begins.
As soon as a programme is found, the search will stop.
If you know the frequency of the programme required, simply enter its number using keys **0** **9**.
If no programme is found, refer to the Tips chapter on p. 16.
- ❻ If reception is unsatisfactory, select **FINE TUNE** and press **0** or **0** to fine tune.
- ❼ Select **PROGRAM NO.** and enter the required programme number using **0** **0** or **0** **9**.
- ❽ Select **STORE** and press **0**.
The message **STORED** appears. The programme has been stored.
- ❾ Repeat steps **❺** to **❽** as many times as there are programmes to store.
To exit the menus, press **EXIT**.

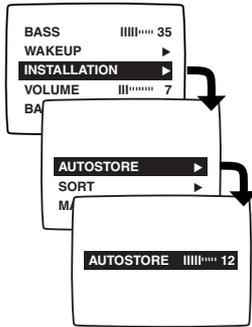
Naming the external socket



- ❶ In TV mode, press **MENU**. The main menu is displayed on-screen.
- ❷ Press **0** once to select **INSTALLATION** and press **0**. The **INSTALLATION** menu appears.
- ❸ Use the **0** key to select **EXTERNAL** and press **0** to bring up the menu.
You have access to a series of names which allow you to customise the names of the external socket. When you next select an external socket, the chosen name will be displayed for a few seconds.
- ❹ To exit from the menus, press **EXIT**.

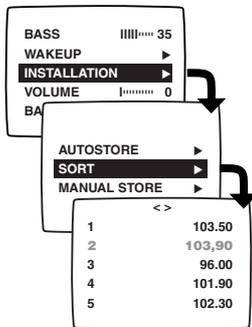
Tuning in to FM radio stations

Automatic tuning



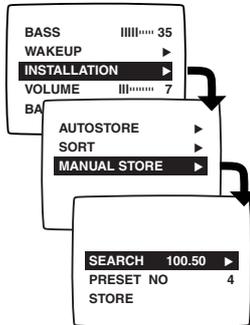
- 1 Press **RADIO** on the remote control to change to radio mode. The screen goes blank.
- 2 Press **MENU** to bring up the main menu. The menu appears with the **INSTALLATION** option highlighted.
- 3 Press **◁**. The **INSTALLATION** menu appears with the **AUTOSTORE** option highlighted.
- 4 Press **◁**. The search begins. The operation takes a few minutes. The display demonstrates the progression of the search and the number of FM stations found. When it has finished, the **INSTALLATION** menu reappears automatically.
If no stations are found, refer to the Tips chapter on p. 16.
- 5 You can now, if you wish, store and number your stations as required: see the following chapter.
- 6 To exit the menus, press **EXIT**.

To renumber the radio stations



- 1 Ensure that the set is in radio mode (**RADIO** key).
- 2 Press **◁**. The list of radio stations appears with their frequencies.
*You can also access this list via the **SORT** menu in the **INSTALLATION** menu.*
- 3 Use **↑** or **0** **9** to select the radio station you wish to renumber.
Example: to renumber station 6 as 1: press **6**.
*To access other radio stations, select **<>** (using **↑**) and press **◁** to display the following pages or **◁** for the previous pages.*
- 4 Press **◁** to confirm. The line is displayed in white.
- 5 Select the radio station you wish to change with. In our example, press **1**.
- 6 Press **◁** to confirm. The line is displayed in white.
- 7 Press **OK** to confirm. Radio station No. 6 is renumbered as 1 (and No. 1 as 6).
- 8 Repeat steps **3** to **7** as many times as there are stations to renumber.
- 9 To exit the menus, press **EXIT**.

Manual tuning of the radio stations



- ❶ Ensure the television set is in radio mode (**RADIO**).
- ❷ Press **MENU** to bring up the main menu.
The menu appears with the **INSTALLATION** option activated.
- ❸ Press **▷**. The **INSTALLATION** menu appears.
- ❹ Press **◁** twice to select **MANUAL STORE** and press **▷**.
THE **MANUAL STORE** menu appears.
- ❺ Select **SEARCH** and press **▷**. The search begins. As soon as an FM radio station is found, the search will stop.
If you know the frequency of the station required, simply enter its number using keys **0 9**.
Example: for 98 MHz press **0 9 8 0 0**.
If no station is found, refer to the Tips chapter on p.16.
- ❻ Select **PRESET NO** and enter the required station number using **◁ ▷** or **0 9**.
- ❼ Select **STORE** and press **▷**.
The message **STORED** appears. The programme has been stored.
- ❽ Repeat steps **❺** to **❼** as many times as there are programmes to be stored.
- ❾ To exit the menus, press **EXIT**.

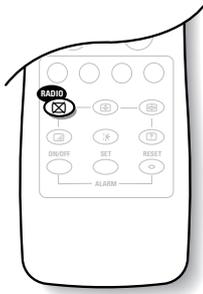
Naming the radio stations

If you wish, you can name the first 5 radio stations (1 to 5).

- ❶ Ensure the television set is in radio mode (**RADIO**).
- ❷ Select the programme you wish to name.
- ❸ Press **MENU** to bring up the main menu.
The menu appears with the **INSTALLATION** option activated.
- ❹ In the **INSTALLATION** menu, then **MANUAL STORE** menu, select **NAME** and press **▷**.
- ❺ Use the **◁ ▷** keys to move around in the area which displays the name (5 characters). Use the **◁ ▷** keys to select the characters.
- ❻ Press **MENU** once the name is entered. The name of the station is stored.
- ❼ Repeat the operation for each radio station you wish to name.
- ❽ To exit the menus, press the **EXIT** key.

General use

Choice of TV or radio mode



Your set may receive both TV programmes and FM radio stations.

The **RADIO** key on the remote control is used to switch between TV mode and radio mode.

TV mode

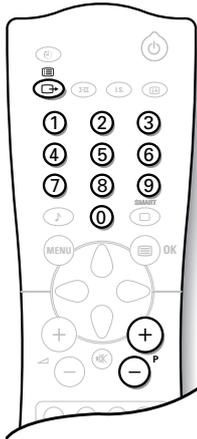
The TV programmes appear on-screen.

Radio mode

The television screen is off. The sound from the radio comes out of the speakers on the left and right of the set.

Note: in radio mode, the **MENU** key gives direct access to a limited number of settings and the **INSTALLATION** menu is specific to the radio reception.

Selecting the programmes



TV mode

Use the **P** **-** **+** or **0** **9** keys to select the programmes (from 0 to 59).

The number and sound mode are displayed for a few moments on the screen. To compose a two-figure number using the numerical keys **0** **9**, add the 2nd figure before the hyphen disappears.

The title of certain programmes appears for a few moments at the bottom of the screen. To view a programme that has been locked, enter the confidential code (see p. 13).

Radio mode

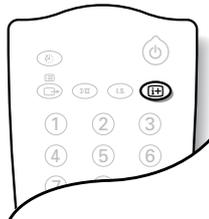
Use the **P** **-** **+** or **0** **9** keys to select the FM radio stations (from 1 to 40). The number, frequency and sound mode are displayed for a few seconds before the screen goes blank.

List of radio stations

In radio mode, the **LIST** key displays or clears the list of radio stations. You can then use the **UP** or **DOWN** keys to change the station.

*To change the page, select **<>** (using **UP**) then press **<** or **>** to display the previous or following pages. You can also modify how the stations are stored (see p. 7).*

Screen information



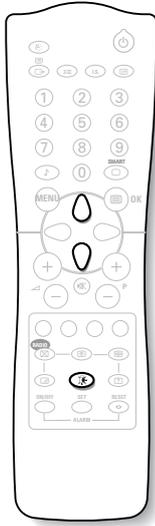
TV or radio mode

Press **INFO** to display for a few seconds or clear the programme number, time and sound mode. In radio mode, the frequency of the station is also displayed.

Permanent display of the programme number

Press **INFO** for five seconds to activate the permanent display of the programme number. Press once to cancel.

TV light



- The feet and clock of the television set are luminous and backlit.
- ❶ Use the  key on the remote control to switch the lighting on and off .
 - ❷ Use the  keys to increase or decrease the intensity of the 3 levels of lighting.

Note: the lighting controls are independent of the television controls (it may be in TV, radio or standby mode). However the lighting does not operate when the set is switched off using the on-off key.



Setting the clock

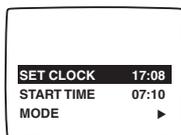
The television set is equipped with an analogue clock on the front of the set. It is set using the menus.

Automatic reset:

The time is automatically reset, each time the set is switched on, using teletext information taken from TV programme 1.

- If it does not have teletext, the time will not be updated.
- If the appliance has been disconnected from the mains, the hands on the clock will move through 360° when switched on.

The television set is equipped with a backup system which stores the time when the appliance is disconnected from the mains.



To manually set the clock:

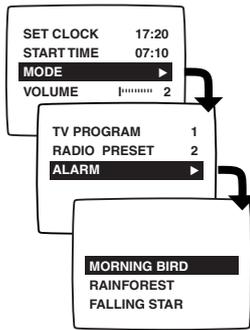
- ❶ Press  SET ALARM on the remote control. The CLOCK menu is displayed on the screen.
- ❷ Press  once to select SET CLOCK.
- ❸ Enter the current time using   or  . The time on the analogue clock is updated a few seconds later.
- ❹ Press  SET ALARM again to exit the menu.

Changing the time:

For countries which change their clocks twice a year (summer time, winter time), the clocks are reset automatically using the teletext information taken from programme 1. However, the time is only updated when the television set is switched on.

Alarm function

This function allows you to use your TV as an alarm clock. You can programme your alarm to wake you up to the TV, radio or 3 different melodies.



Setting the alarm

- Press SET ALARM on the remote control. The ALARM menu is displayed on the screen. You can also access this menu by pressing , then selecting the ALARM option.
- If you want to set the time on the clock, select SET CLOCK and enter the current time using keys or . *Important: the time is reset automatically each time the set is switched on using teletext information taken from programme 1. If programme 1 does not have teletext, the update will not take place. If you modify the time, the analogue clock on the set will be reset a few seconds later.*
- Select START TIME and enter the time at which the set is to switch on using the keys .
- Select MODE and press . Now choose the mode in which you want your set to wake you up.
- Select TV PROGRAM, RADIO PRESET or ALARM then enter the number of the TV or radio programme or choose between 3 different melodies (MORNING BIRD, RAINFOREST or FALLING STAR). *Note: it is the last setting selected that will be used for the alarm.*
- Press to return the first level of the ALARM menu.
- Select VOLUME and adjust the level required for the alarm.
- Press to exit the menu.

Activating the alarm

- Press ALARM ON/OFF on the remote control to activate or de-activate the alarm function. The green indicator on the set comes on when the alarm is on.
- Press to put the set into standby mode. It will switch on automatically at the programmed time and mode. The light also comes on when the alarm comes on.
- If you leave the set switched on, it will merely change mode and programmes at the set time. *Caution: for the alarm to work, do not switch off the set using the on-off button on the front of the set. The set switches to standby automatically after 4 hours if no further commands are given.*

Switching off the alarm

- When the alarm is on, press RESET (or) on the remote control to switch off. It will start up automatically 24 hours later at the programmed time. *In the ALARM mode, press any key to interrupt the alarm, it will repeat 5 minutes later; otherwise the alarm will run for 30 seconds before switching off for 5 minutes and then run for 30 seconds before stopping completely.*
- If you wish to turn off the alarm function completely, press ALARM ON/OFF. The indicator is switched off.

Adjusting picture and sound

Adjusting the picture (the set must be in TV mode).

BRIGHTNESS		31
COLOUR		31
CONTRAST		31
SHARPNESS		31
TINT		NORMAL

Press **MENU**. Use **↑** and **↓** to adjust: **BRIGHTNESS, COLOUR, CONTRAST, SHARPNESS, TINT, CONTRAST+** and **NOISE RED.**

- **SHARPNESS:** alters the crispness of the image.
- **TINT:** alters the colour balance. There are three options: **COLD** (blue tint), **NORMAL** (balanced) or **HOT** (red tint).
- **CONTRAST+:** automatically adjusts the contrast of the image according to content (the darkest part of the image is always black).
- **NOISE RED:** alleviates picture noise (snowy picture). This setting is useful when reception is difficult.

Adjusting the sound

DELTA VOL		0
BALANCE		0
TREBLE		31
BASS		35
AVL		25

Press **MENU**. Use **↑** and **↓** to adjust: **DELTA VOL, BALANCE, TREBLE, BASS** and **AVL.**

- **DELTA VOLUME** (volume difference): allows you to compensate for the volume differences between the different programmes or the EXT sockets. This adjustment is available for programmes 1 to 40 and the EXT sockets.
- **AVL** (Automatic Volume Leveler): automatic volume control used to avoid sudden increases in volume, particularly when changing programme or during advertisements.

Storing settings

BASS		35
AVL		25
PERSONAL		OFF
TV LOCK		▶
DEMO		ON

You can store your own sound and picture settings.

- 1 First carry out your menu settings.
- 2 Next, select **PERSONAL** and press **○**. The message **STORED** appears. The settings are stored.

Values are saved under **PERSONAL** in the Smart sound and picture controls (**⏏** and **⏏**).

Note: volume and DELTA VOLUME are automatically stored after a change of programme or when the set is put in standby. They do not need to be stored in the **PERSONAL** menu.

Demonstration mode (the set must be in TV mode).

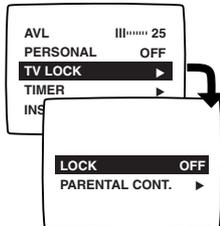
PERSONAL	▶
TV LOCK	▶
DEMO	ON
TIMER	▶
INSTALLATION	▶

This function displays the main functions of the television set.

- 1 Press **MENU** to bring up the main menu.
- 2 Select **DEMO** and press **○** to switch the mode to **ON**.
- 3 Press **⏏** to put the set on standby.
- 4 Press **P** **+** to switch on and activate the demonstration mode. The main functions of the television set are displayed in a continuous sequence.
- 5 To stop the demonstration, press any key on the remote control. Be careful when switching on as the demonstration will start up automatically.
- 6 To de-activate the demo mode, switch the **DEMO** menu to **OFF**.

Locking the set

This function allows you to lock the set in order to limit its use completely or partially. This menu can only be accessed when the set is in TV mode.

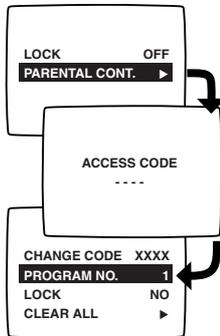


Key lock

- 1 Press **MENU**, select TV LOCK (🔒) and press **OK**.
- 2 Set the LOCK to ON. The keys are locked.
- 3 Switch off the set and put the remote control out of site. The set cannot be used (it can only be switched on using the remote control).
To cancel: switch LOCK to OFF.

Programme lock

This menu allows you to partially or fully lock TV programmes. Radio stations cannot be locked.



- 1 Press **MENU**, select TV LOCK (🔒) and press **OK**.
- 2 Select PARENTAL CONT. and press **OK**.
- 3 Enter your confidential access code. The first time, enter the code 0711 then confirm by re-entering 0711. The menu appears.
- 4 Select PROGRAM NO. and use keys **0** **9** to enter the number of the programme. Use **OK** **OK** if you wish to lock the EXT sockets. To lock all of them, select ALL.
- 5 Select LOCK then YES.
- 6 Repeat steps **4** and **5** for each programme to be locked. You can lock 5 programmes separately.
- 7 Press **EXIT** to exit. To watch a programme which has been locked you will now need to enter the confidential code; otherwise the screen will remain blank.

*When a locked programme is displayed, use the **← P →** keys to access other programmes (the **0** **9** keys are used to enter the code).*

Caution: in the case of encrypted programmes which use an external decoder, it is necessary to lock the corresponding EXT socket (and not the programme number).

To unlock all programmes

Repeat stages **1** to **3** above, then:

- 4 Select CLEAR ALL and press **OK**. All programmes are unlocked.

To change the confidential code

Repeat steps **1** to **3** above, then:

- 4 Select CHANGE CODE and enter your own 4-digit code.
- 5 Confirm by entering it again. Your new code will be stored.

If you have forgotten your confidential code, enter the universal code 0711 twice.

To exit:

Press **EXIT**.

Teletext

Teletext is an information system, broadcast by certain channels, which can be read like a newspaper. It also provides subtitles for people with hearing difficulties or those who are unfamiliar with the language in which a particular programme is being broadcast (cable networks, satellite channels, etc.).

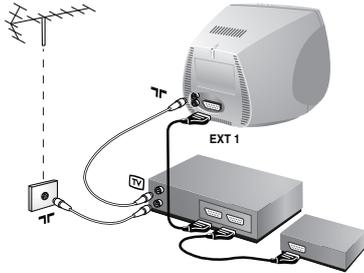
Caution : This set is not fitted to display the special characters of every languages. In certain countries, the teletext pages will not be displayed properly.



- | Press: | To obtain: |
|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  Switch teletext on/off | To call up or exit from teletext. At first, the main index page appears with a list of the items available. Each page has a corresponding 3-figure number.
If the selected channel does not broadcast teletext, 100 will appear and the screen will remain blank (in this case, exit from teletext and choose another channel). |
|  Selecting a teletext page | Use keys 0 to 9 or 00 to enter the page number required. For example: for page 120, press 1 2 0 . The number is displayed in the top-left corner, the page counter starts searching and the page is displayed. Repeat the procedure to consult another page.
If the counter continually searches, this means that the selected page is not broadcast. Choose another number. |
|  Direct access to subject headings | Coloured zones are displayed at the bottom of the screen. The 4 coloured keys give access to the corresponding subjects or pages.
The coloured zones flash when the subject or the page is not yet available. |
|  Temporary on/off | To switch teletext temporarily on/off. |
|  Page enlargement | Press this key to display the upper then lower part of the screen, and then return to the normal page size. |
|  Stop the sequence of sub-pages | Some pages contain sub-pages which follow on automatically from one another. This key allows sub-page sequence to be interrupted.
The  appears in the top left hand corner. |
|  Superimposition | To activate or de-activate screen overlay. |
|  Reveal | Use this key to reveal/conceal hidden information (answers to puzzles). |
|  Favourite pages | For teletext programmes 1 to 41, you can store 4 favourite pages which you can then access via the coloured keys  . |
|  | <ol style="list-style-type: none"> 1 Press . 2 Enter the number of the page required. 3 Press  then the coloured key  of your choice. The page is stored. 4 Repeat steps 2 and 3 for the other coloured keys. 5 From now on, when you consult teletext, your favourite pages appear in colour at the bottom of the screen. To get back to the normal subject headings, press . To remove these settings, hold  for 3 seconds. |

Connecting other appliances

Video recorder



Video recorder (only)

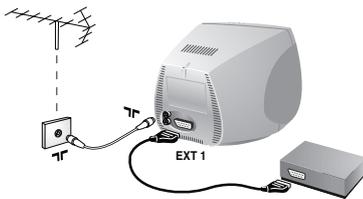
Connect as shown using a good quality euroconnector cable.

If your video recorder does not have a euroconnector socket, the only connection possible is via the aerial cable. You will therefore need to tune in your video recorder test signal and assign it to programme number 0 (see manual store. p. 6). To reproduce the video recorder picture, press **0**.

Video recorder with decoder

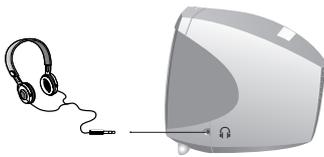
Connect the decoder to the second euroconnector on the video recorder. You can then record scrambled transmissions.

Other equipment



You can connect any other apparatus to the EXT socket (satellite receiver, decoder, DVD, games, etc.). The socket has audio and video input/outputs and RGB inputs.

Headphones



The headphones socket is on the right-hand side of the set. When the headphones are plugged in, the sound on the set is cut off. Adjust the volume using the **-** **▲** **+** keys on the remote control or the **◀** **▲** **▶** keys on the television.

The headphones must have an impedance of between 32 and 600 ohms.



To select connected equipment

Press **EXT** to select the EXT socket.

The switching is automatic on most appliances (decoder, etc.).

Tips

Poor reception or no picture

The proximity of mountains or high buildings can cause ghost pictures, echoing or shadows. If this is the case, try re-positioning the aerial or use an external one. Try using FINE TUNE (p. 6), ensure the right system is selected (p. 6)?

Check that the aerial plug or euroconnector is properly connected. Check also that the aerial is capable of receiving broadcasts in this frequency range (UHF or VHF)?

Is the set in TV mode? Press **RADIO**.

Adjusting the picture

If the picture is out of focus, or if you are having difficulties finding the right settings, select one of the Smart picture controls  (p. 3) and store it using the PERSONAL setting (p.12).

In case of bad reception (fuzzy picture), set the NOISE RED to ON (p. 12).

The picture is in black and white

To replay a video cassette, check that it is recorded in the same format as that of the video recorder (PAL, SECAM or NTSC). Check the colour setting in the menu.

No sound

If certain programmes have a picture but no sound, it is most likely that the correct TV system has not been selected (p. 6).

In radio mode, check that the aerial is properly connected. If reception is poor, use an external aerial.

Standby

When you switch on the set, if it remains in standby mode and the LOCKED message is displayed, this means that the LOCK function is activated (p. 13).

The set switches automatically to standby if it receives no signals for a period of 15 minutes.

To save electricity, your set is equipped with low energy consumption components which limit energy consumption when the set is on standby (less than 3 W).

Still having problems?

If the set breaks down, never try to repair it yourself. Consult your after-sales service department instead.



Recycling

The materials used in your set are either reusable or can be recycled.

To minimise environmental waste, specialist companies collect appliances and dismantle them, retrieving any materials that can be used again

(ask your dealer for further details).