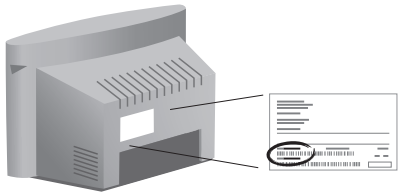
tv

PHILIPS



MODEL : _____

PROD. NO : _____

GB Please note the reference numbers for your TV set located on the packaging or on the back of the set.

FR Veuillez noter les références de votre téléviseur situées sur l'emballage ou au dos de l'appareil.

NL Let op de referenties van uw televisietoestel die op de verpakking of op de achterkant van het toestel staan.

DE Notieren Sie die Referenznummern Ihres Fernsehgeräts, die sich auf der Verpackung bzw. auf der Rückseite des Geräts befinden.

IT Notare i riferimenti del vostro televisore situati sull'imballaggio o sul retro dell'apparecchio.

DK Bemærk de oplysninger om dit TV, der findes på kassen eller bagsiden af TV-apparatet.

NO Noter deg referansen for TV-apparatet, som du finner på emballasjen eller på baksiden av apparatet.

SU Notera de uppgifter om er TV som återfinns på kartongen eller baksidan av TV-apparaten.

SF Lue myös television myyntipakkauksessa tai television takana olevat merkinnät.

ES Anote las referencias de su televisor que se encuentran en el embalaje o en la parte trasera del aparato.

PT Anote as referências do seu televisor localizadas na embalagem ou na parte de trás do aparelho.

GR Σημειώστε τις οδηγίες χρήσης της τηλεόρασής σας που βρίσκονται στη συσκευασία ή στο πίσω μέρος της συσκευής

TR Ambalajın üzerinde ya da aletin arkasında bulunan referansları başka bir yere not edin.

HU Kérjük vegye figyelembe az Ön televíziójának a hátoldalán és a csomagoláson feltüntetett katalógusszámokat.

RU Запишите номер модели вашего телевизора, который указан на упаковочной коробке или на задней стороне аппарата.

PL Prosimy o zanotowanie oznaczeń telewizora umieszczonych na opakowaniu lub tylnej części urządzenia.

CZ Poznamenejte si typové údaje Vašeho televizoru umístěné na obalu nebo na zadní straně přístroje.

SK Poznačte si typové údaje Vášho televízora nachádzajúce sa na obale alebo na zadnej strane prístroja.

Introduction

Thank you for purchasing this television set.
This handbook has been designed to help you install and operate your TV set.
We would strongly recommend that you read it thoroughly.

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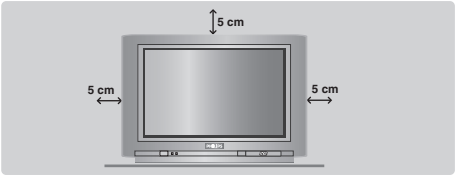
Recycling

The materials used in your set are either reusable or can be recycled.
To minimise environmental waste, specialist companies collect used appliances and dismantle them after retrieving any materials that can be used again (ask your dealer for further details).

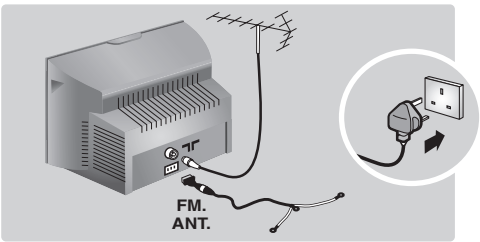
Installing your television set

❶ Positioning the television set



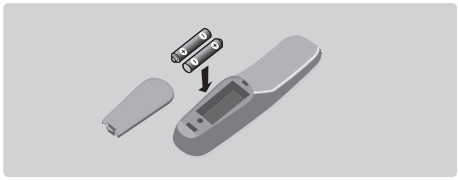
Place your TV on a solid, stable surface, leaving a space of at least 5 cm around the appliance. To avoid accidents, do not put anything on the set such as a cloth or cover, a container full of liquid (vase) or a heat source (lamp). The set must not be exposed to water.

❷ Connections



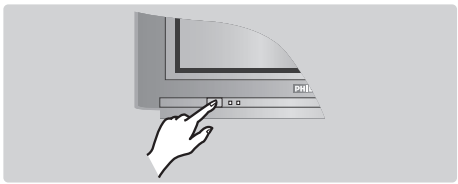
- Insert the aerial plug into the ⊓ socket at the rear of the set.
- Insert the radio aerial socket into the FM ANT socket using the adapter supplied.
  If you are using an indoor aerial, reception may be difficult in certain conditions. You can improve reception by rotating the aerial. If the reception remains poor, you will need to use an external aerial.
- Insert the mains plug into a wall socket (220-240 V / 50 Hz).

❸ Remote control



Insert the two R6-type batteries (supplied) making sure that they are the right way round. Check that the mode selector is set to TV. The batteries supplied with this appliance do not contain mercury or nickel cadmium. If you have access to a recycling facility, please do not discard your used batteries (if in doubt, consult your dealer). When the batteries are replaced, use the same type.

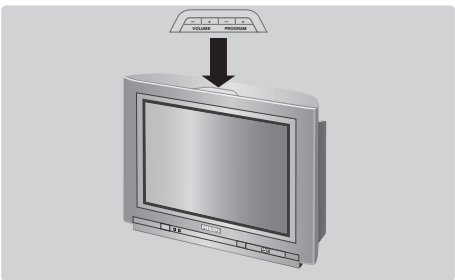
❹ Switching on



To switch on the set, press the on/off key. A red indicator comes on and the screen lights up. Go straight to the chapter Quick installation on page 4.
If the television remains in standby mode, press **P** ⊕ on the remote control.
The indicator will flash when you use the remote control.

The keys on the TV set

The television set has 4 keys which are located on the front or the top of the set depending on the model.



The VOLUME - + (- ◿ +) keys are used to adjust sound levels. The PROGRAM - + (- **P** +) keys are used to select the required programmes. To access the menus, simultaneously hold down the ◿ - and ◿ + keys. The PROGRAM - + keys may then be used to select an adjustment and the - ◿ + keys to make that adjustment. To exit from the menus, hold down the 2 ◿ - and ◿ + keys.
Note: when the **Child Lock** *function is activated, these keys are unavailable (refer to* **Features** *menu on page 7).*

Remote control keys

DVD: language selection (p.11)
TV: sound mode
Used to force programmes in **Stereo** and **Nicam Stereo** to **Mono** or, for bilingual programmes, to choose between **Dual I** or **Dual II**.
The **Mono** *indication is red when in forced position.*

List of radio stations (p.5)

Mode selector (p. 17)

DVD keys (p.11)
VCR keys (p.17) and Teletext keys (p. 8)

Pre-set sound
Used to access a series of stored settings: **Speech**, **Music**, **Theatre** and return to **Personal**.

TV Menu
To call up or exit the menus.

Cursor
These 4 keys are used to move around the menus.

Volume
To adjust the sound level

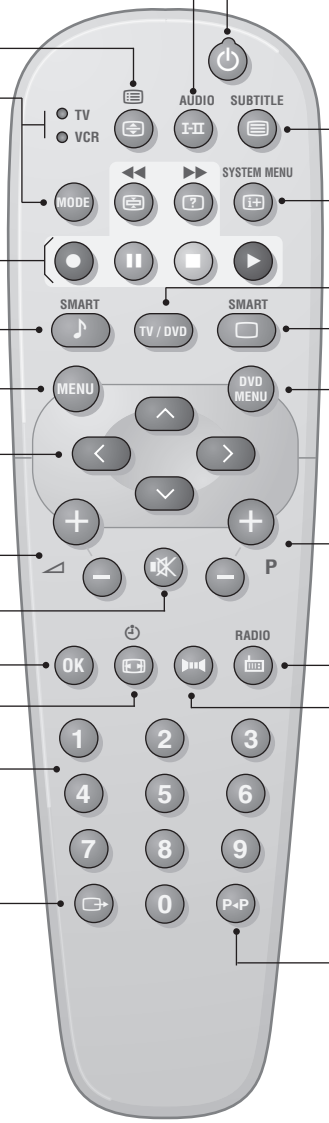
Mute
To mute or restore the sound.

Validation (DVD/VCR)

16:9 modes (p. 9)

Number keys
Direct access to the programmes. For a 2 digit program, enter the 2nd digit before the dash disappears.

Selection of EXT socket
Press several times to select EXT1 and AV (p.16).



Standby
Lets you place the TV set on standby. To turn on the TV, press **P** −, −, ⏻, **0** to **9**.

DVD: subtitling language (p.11)
TV: teletext (p. 8)

DVD: OSD menu (p.13)
TV: screen information / permanent no.
To display / clear the program number, name (if it exists), time, audio mode and time remaining for the sleep feature. Press the key for 5 seconds to activate permanent display of the number. This key is also used to exit from the menu.

TV / DVD mode
To switch the TV set to TV or DVD mode (p.11).

Pre-set image
Used to access a series of stored settings: **Rich**, **Natural**, **Soft**, **Multimedia** and return to **Personal**.

DVD menu (p.11)

Program selection
To access the next or previous programme.
For some programs, the title of the program will be displayed at the bottom of the screen.

RADIO / TV mode
To switch the TV set to TV or Radio mode (p.5).

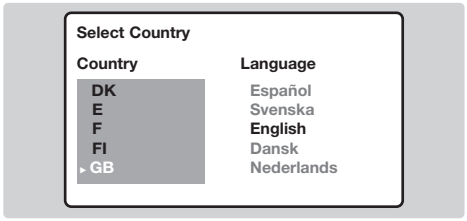
Surround Sound
To activate / deactivate the surround sound effect. In stereo, this gives the impression that the speakers are further apart. For models equipped with Virtual Dolby Surround*, you can experience Dolby Surround Pro Logic sound effects. In mono, a stereo spatial effect is simulated.

Previous programme
To return to the previous programme.

** Manufactured under license from Dolby Laboratories.*
"Dolby" and the double-D symbols are trademarks of Dolby Laboratories.

Quick installation

When you turn on the TV set for the first time, a menu is displayed on screen. This menu prompts you to select the country and language for the menus:

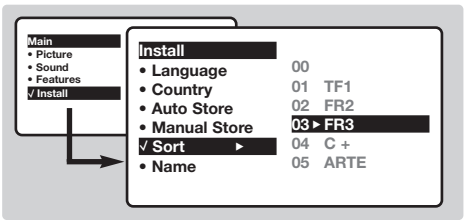


If the menu is not displayed, press and hold down the ◢- and ◢+ keys on the TV set for 5 seconds to display the menu.

1. Use the ⌃⌄ keys on the remote control to select your country and validate with ›.
   If your country does not appear in the list, select choice "…"
2. Next select your language using the ⌃⌄ keys and validate with ›.
3. The search starts automatically. All the available TV programmes and radio stations will be stored. This operation takes a few minutes. The display shows the progress of the search and the number of programs found. At the end of the search, the menu disappears.
   To exit or interrupt the search, press MENU. If no programme is found, consult the possible solutions p. 18.
4. If the transmitter or cable network sends the automatic sort signal, the programs will be numbered correctly. In this case, the installation is complete.
5. If this is not the case, you need to use the **Sort** menu to number the programs correctly.
   Some transmitters or cable networks broadcast their own sort parameters (region, language, etc.). In this case, indicate your choice using the ⌃⌄ keys and validate with ›.

Program sort

1. Press key MENU. The **Main menu** is displayed on the screen.



2. With the cursor, select the **Install** menu followed by the **Sort** menu.
3. Select the programme you want to move using the ⌃⌄ keys and press ›.
4. Then use the ⌃⌄ keys to select the new number and validate with ‹.
5. Repeat steps 3 and 4 for each program you wish to renumber.
6. To quit the menus, press ⊡.

Program name

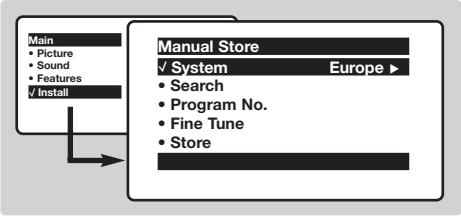
If required, you can give a name to the programmes and external connectors.
Note: on installation, the programs are named automatically when an identification signal is sent.

1. Press the MENU key.
2. With the cursor, select the **Install** menu, then **Name**
3. Use the ⌃⌄ keys to select the programme to name or rename.
4. Use the ‹› keys to move around the name display area (5 characters) and the ⌃⌄ keys to select the characters.
5. When the name has been entered, use the ‹ key to exit. The name is stored.
6. Repeat steps 3 to 5 for each programme you wish to name.
7. To quit the menus, press ⊡.

Manual store

This menu is used to store the programmes one at a time.

1. Press the MENU key.
2. With the cursor, select the **Install** menu then **Manual store**:



3. **System:** select **Europe** (automatic detection*) or **Western Europe** (BG standard), **Eastern Europe** (DK standard), **United Kingdom** (I standard) or **France** (LL' standard).

** Except for France (LL' standard), you must select choice* **France**.

4. **Search:** press ›. The search starts. Once a programme is found, the scanning stops and its name is displayed (when available). Go to the next step. If you know the frequency of the required programme, this can be entered directly using the 0 to 9 keys.
   If no picture is found, consult the possible solutions (p. 18).
5. **Program No.:** enter the required number with the ‹ › or 0 to 9 keys.
6. **Fine Tune:** if the reception is not satisfactory, adjust using the ‹ › keys.
7. **Store:** press ›. The program is stored.
8. Repeat steps 4 to 8 for each programme to store.
9. To quit the menus, press i+.

Other settings in the Install menu

1. Press the MENU key and select the **Install** menu:
2. **Language:** to change the display language for the menus.
3. **Country:** to select your country (**GB** for Great Britain).
   This setting is used for the search, automatic programme sort and teletext display. If your country does not appear in the list, select "…"
4. Auto Store: to start automatic search for all programmes available in your region. If the transmitter or cable network sends the automatic sort signal, the programmes will be numbered correctly. If this is not the case, you need to use the Sort menu to renumber the programmes (see p. 4).
   Some transmitters or cable networks broadcast their own sort parameters (region, language, etc.). In this case, indicate your choice using the ^ v keys and validate with ›. To quit or interrupt the search, press MENU. If no picture is found, consult the possible solutions (p. 18).
5. To quit the menus, press i+.

Using the radio

Choice of TV or radio mode
Press the TV/RADIO key on the remote control to switch the TV set to either TV or radio mode. In radio mode, the number, station name (if available), frequency and sound mode are displayed on the screen. *To enter the station names, use the* **Name** *menu (p. 4)*

Program selection
Use the 0 9 or − **P** + keys to select the FM stations (from 1 to 40).

List of radio stations
Press the LIST key to display the list of radio stations radio. Use the ^ v keys to change station and the i+ key to exit.

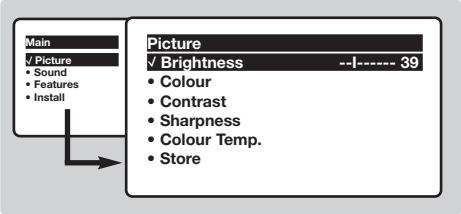
Using the radio menus
Use the MENU key to access the specific radio setting.

Search for radio stations
If you used the quick installation, all available FM stations have already been stored. To start a new search, use the **Install : Auto Store** menu (for a complete search) or **Manual Store** (for a station by station search). The **Sort** and **Name menus** let you sort or name the radio stations. Operation of these menus is the same as for the TV menus.

Screensaver *(only available on certain versions)*
Use the ≡ key to activate/deactivate the radio screensaver.

Picture settings

❶ Press (MENU) then (›). The **Picture** menu is displayed:



❷ Use the (^)(˅) keys to select a setting and the (‹)(›) keys to adjust.
Note: during the picture adjustment, only the selected line remains displayed. Press (^)(˅) to display the menu again.

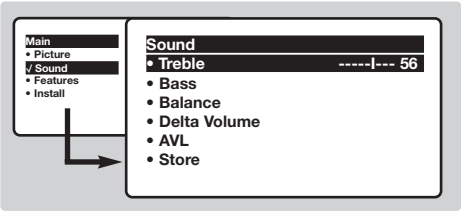
❸ Once the adjustments have been made, select **Store** and press (›) to store them. Press (⊞) to exit.

Description of the adjustments:

- **Brightness:** this changes picture brilliance.
- **Colour:** this changes the intensity of the colour.
- **Contrast:** this changes the difference between the light and dark tones.
- **Sharpness:** this changes the picture definition.
- **Colour Temp.:** this changes the colour rendering: **Cold** (bluer), **Normal** (balanced) or **Warm** (redder).
- **Store:** to store the picture adjustments and settings (as well as the settings for **Contrast +** and **NR** in the **Features** menu).

Sound adjustments

❶ Press (MENU), select Sound (˅) and press (›). The **Sound** menu is displayed:



❷ Use the (^)(˅) keys to select a setting and the (‹)(›) keys to adjust.
❸ Once the adjustments have been made, select Store and press (›) to store these changes.
❹ To quit the menus, press (⊞).

Description of the settings:

- **Treble**: this alters the high frequency sounds.
- **Bass:** this alters the low frequency sounds.
- Balance: this balances the sound on the left and right speakers.
- **Delta Volume***: this is used to compensate any volume discrepancies between the different programs or EXT sockets. This setting is available for programs 0 to 40 and the EXT sockets.
- **AVL*** (Automatic Volume Leveller): this is used to limit increases in sound, especially on program change or advertising slots.
- **Store:** this is used to store the sound settings.

* *Only available on certain versions.*

Feature settings

❶ Press (MENU), select **Features** (˅) and press (›). You can adjust:
❷ **Timer**, **Child Lock** and **Parental Cont.**: see next page
❸ **Contrast +:** automatic adjustment of the picture contrast which permanently sets the darkest part of the picture to black.
❹ **NR:** attenuates picture noise (snow) in difficult reception conditions.

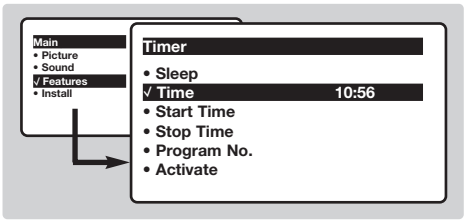
Caution: to store the **Contrast +** *and* **NR** *settings, use the* **Store** *choice in the* **Picture** *menu.*

❺ **Rotation** (only available on very large screen sets): large screen sets are sensitive to terrestrial magnetic field variations. This setting is used to compensate for this by adjusting the picture rotation.
❻ To quit the menus, press (⊞).

Timer function

This menu lets you use the TV set as an alarm.

1. Press the MENU key.
2. With the cursor, select the **Features** menu then **Timer** :
3. **Sleep:** to select an automatic standby period.



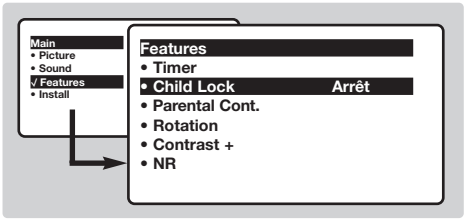
4. **Time:** enter the current time.
   Note: the time is updated automatically each time the TV set is switched on via the teletext information on programme 1. If this program does not have teletext, the update will not take place.
5. **Start Time:** enter the start time.
6. **Stop Time:** enter the standby time.
7. **Program No.:** enter the number of the programme for the wake-up alarm. To select FM radio use keys ◁▷ (keys 0 9 only select TV programmes). When in DVD mode, you can select **Bookmark DVD** while playing a disc if you want to be woken up at a precise point on the disc. Press OK to confirm the start point.
8. **Activate:** the settings include:
   • **Once** for a single alarm,
   • **Daily** for each day,
   • **Stop** to cancel.
9. Press ⏻ to put the TV set in standby. It will automatically come on at the time programmed. If you leave the TV set on, it will just change programmes at the time entered (and will go to standby mode at the **Stop Time**).
   By combining the **TV lock** *and* **Timer** *functions, you can restrict the period during which the TV set is used, for example by your children.*

TV lock

You can block certain programs or inhibit use of the TV set completely by locking the keys.

Child lock

1. Press MENU.
2. With the cursor, select the **Features** menu and position **Child Lock** to **On**.
3. Turn off the TV set and hide the remote control. The TV set cannot be used (except via the remote control).
4. To cancel: position **Child Lock** to **Off**.



Parental control

1. Press the MENU key, select the **Features** menu then **Parental Cont.**:
2. You must enter your secret access code. The first time you enter this, enter code 0711 twice and then enter your new code choice. The menu is displayed.
3. **Parental Cont.:** Use the △▽ keys to select the TV programme required and validate with ▷. The 🔒 symbol will be displayed opposite the programmes or sockets that are locked. From now on, to view a locked programme, you must enter your secret code, otherwise the screen will stay blank.
   The access to the **Install** *menu is also locked. Caution, for encrypted programs using an external decoder, you must lock the corresponding EXT socket.*
4. **Change code:** this allows you to enter a new 4 digit code. Confirm your new code by entering it a second time.
   If you have forgotten your secret code, enter the universal code 0711 twice.
5. **Unlock all:** this is used to unlock all locked programmes.
6. **Lock All:** this is used to lock all the TV programmes and EXT connectors.
7. Press the ⏏ key to quit.

Teletext

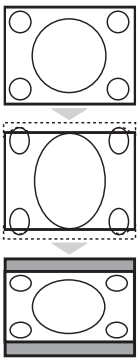
Teletext is an information system broadcast by certain channels which can be consulted like a newspaper. It also offers access to subtitles for viewers with hearing problems or who are not familiar with the transmission language (cable networks, satellite channels, etc.).

Press :	You will obtain:
Teletext call	This is used to call teletext, change to transparent mode and then exit. The summary appears with a list of items that can be accessed. Each item has a corresponding 3 digit page number. *If the channel selected does not broadcast teletext, the indication 100 will be displayed and the screen will remain blank (in this case, exit teletext and select another channel).*
Selecting a page	Enter the number of the page required using the 0 to 9 or − **P** + keys, ^ v. Example: page 120, enter 1 2 0. The number is displayed top left, the counter turns and then the page is displayed. Repeat this operation to view another page. *If the counter continues to search, this means that the page is not transmitted. Select another number.*
Direct access to the items	Coloured areas are displayed at the bottom of the screen. The 4 coloured keys are used to access the items or corresponding pages. *The coloured areas flash when the item or the page is not yet available.*
Contents	This returns you to the contents page (usually page 100).
Enlarge a page	This allows you to display the top or bottom part of the page and then return to normal size.
Stop sub-page acquisition	Certain pages contain sub-pages which are automatically displayed successively. This key is used to stop or resume sub-page acquisition. The indication appears top left.
Hidden information	To display or hide the concealed information (games solutions).
Favourite pages	Instead of the standard coloured areas displayed at the bottom of the screen, you can store 4 favourite pages on the first 40 channels which can then be accessed using the coloured keys (red, green, yellow, blue). Once set, these favourite pages will become the default every time tetetext is selected. 1 Press the MENU key to change to favourite pages mode. 2 Display the teletext page that you want to store. 3 Press the coloured key of your choice for 3 seconds. The page is now stored. 4 Repeat the operation with the other coloured keys. 5 Now when you consult teletext, your favourite pages will appear in colour at the bottom of the screen. To temporaly retrieve the standard items, press MENU. *To clear everything, and return the standard items as the default, press for 5 seconds.*

16:9 Formats

The pictures you receive may be transmitted in 16:9 format (wide screen) or 4:3 format (conventional screen). 4:3 pictures sometimes have a black band at the top and bottom of the screen (letterbox format). This function allows you to optimise the picture display on screen.

If your television is equipped with a 4:3 screen.



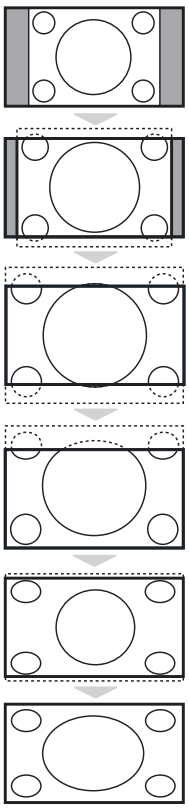
Press the ⊞ key to select the different modes:

4:3
The picture is reproduced in 4:3 format.

Expand 4:3
The picture is enlarged vertically. This mode is used to cancell the black bands when watching a programme in letterbox format.

Compress 16:9
The picture is compressed vertically into 16:9 format.

If your television is equipped with a 16:9 screen.



Press the ⊞ key to select the different modes:
This TV set is also equipped with automatic switching which will select the correct-screen format, provided the specific signals are transmitted with the programmes.

4:3
The picture is reproduced in 4:3 format and a black band is displayed on either side of the picture. The picture may be progressively enlarged using the ⌃⌄ keys.

Zoom 14:9
The picture is enlarged to 14:9 format, a thin black band remains on both sides of the picture. The ⌃⌄ keys allow you to compress and move the image vertically to view the top or bottom of the picture (subtitles).

Zoom 16:9
The picture is enlarged to 16:9 format. This mode is recommended when displaying pictures which have black bands at the top and bottom (letterbox format).
Use the ⌃⌄ keys if you wish to compress and move the image vertically to view the top or bottom of the picture.

Subtitle Zoom
This mode is used to display 4:3 pictures using the full surface of the screen leaving the sub-titles visible.
Use the ⌃⌄ keys to increase or decrease the compression at the bottom of the screen.

Super Wide
This mode is used to display 4:3 pictures using the full surface of the screen by enlarging the sides of the picture. The ⌃⌄ keys allow you to scroll the image up or down the screen.

Widescreen
This mode restores the correct proportions of pictures transmitted in 16:9 using full screen display.
Note : when watching a DVD, you can only use the ⌃⌄ keys while the screen format is displayed on the screen (otherwise you acceed to the DVD features).

Using the built-in DVD player

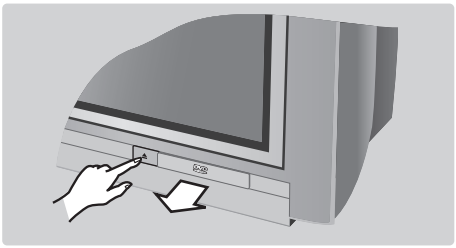
The built-in DVD player allows you to play DVD video discs, picture CDs (jpeg format) and audio CDs (including finalised CD-Rs, CD-RWs MP3 CDs). The discs can be recognised by their logo on the packaging.

Note: Generally, DVD films are not placed on the market at the same time in the various regions of the world. Accordingly, DVD players are provided with geographical zone codes. If you insert a disc which has a regional code that is different from that of your reader, you will see a message displayed on the screen. The disc cannot be played and you will have to remove it.

Inserting a disc

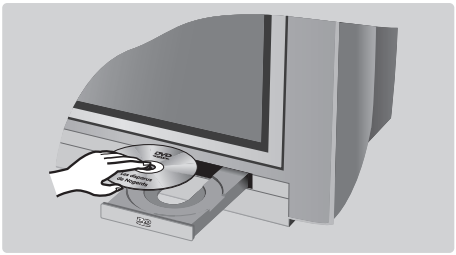
❶ Opening the drawer

Press the **EJECT** (▲) button twice on the front, to the left of the drawer.



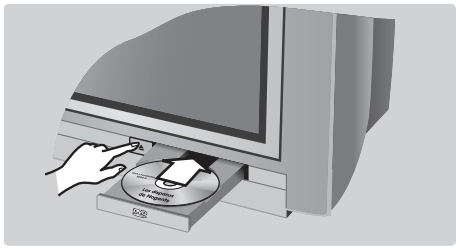
❷ Inserting the disc

Place the disc in the drawer, with the label facing upwards. Makes sure that it is positioned correctly in the recess.



❸ Closing the drawer

Gently push the drawer back in or press the **EJECT** button next to the drawer to close. The disc will begin to play.



❹ Automatic play

Play begins automatically when the drawer closes. A status window appears on the left of the screen and indicates the current operation, the type of disc and its length. Next, the content of the disc is displayed.

Playing a DVD or video CD

Play

Once the disc has been inserted and the drawer closed, play begins automatically. Certain discs will ask you to select a heading from a menu. Use the buttons 0 9 or ▲▼ ◀▶ then press OK.

Stopping play

Press the ■ button to stop play. The default screen appears and displays information on the player status.

Re-starting play ("resume" function)

When you stop a disc mid-play (standby or ejecting the disc), you can resume play at the exact point you stopped the disc. Simply press the ▶ button, then when you see the **resume** diplay, press ▶ again (otherwise the disc will start playing from the beginning).

The resume function remenbers the last 4 discs played.

Slow motion, fast forward and rewind

During play, press the ▼ button to slow play down to 1/2, 1/4 or 1/8 speed. Press the ◀◀ or ▶▶ (or ◀▶) button to fast forward or rewind at x4 or x32 speed. Press ▶ to return to normal speed.

Freeze-frame

Press ❚❚ (or ▲) to freeze the picture. Press ❚❚ again to move to the next frame or ▶ to resume play.

Next / previous chapter

DVD discs are split into different chapters to allow certain scenes to be accessed directly. Use the − **P** + keys to access the previous or next chapter.

DVD menu

Press the DVD MENU key. The DVD menu appears. Its contents will depend on the DVD. It allows you to access different sections, such as choice of language, direct access to certain scenes, special production notes, trailers, etc.

Use the ◀▶ ▲▼ keys to select, OK confirm and DVD MENU exit.

DVD player menu

Press the ⊞ (**SYSTEM MENU**) key to access or quit the DVD player (see p. 13).

Language selection

Press the I-II key to select the different languages available on the disc. The menu disappears after a few seconds.

Subtitling language

Press the ▤ key to choose your subtitling language (choose **off** to deactivate it). The menu disappears after a few seconds.

Ejecting the disc

Press the **EJECT** (▲) button located on the front of the television. Play stops, then after several seconds the drawer opens.

Choice of TV or DVD mode

Press the TV/DVD key on the remote control to switch the TV set to either TV or DVD mode.

Playing an audio CD

Play

Once the disc has been inserted and the drawer has closed, play begins automatically. A special menu appears on the screen, indicating the number of tracks, the current track and time.

Changing tracks

Use the − **P** + keys on the remote control to change tracks or the 0 9 keys to select the track of your choice.

Fast forward and rewind

Press the ◀◀ key or ▶▶ to fast forward or rewind at x4 or x8 speed. Press ▶ to return to normal speed.

Note : this function is not available with MP3 audio CDs.

Pause / stop / eject

Press ❚❚ to pause and ▶ to resume play.

Press ■ to stop and the **EJECT** (⏏) button located on the front of the television to eject the disc.

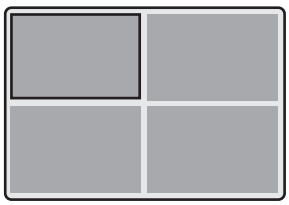
Programming a favourite track selection

This function allows you to programme a selection of tracks into the memory *(refer to menu on page 14).*

Playing an audio MP3 CD

MP3 CDs allow you to store several albums on the same disc. Use the ^ v keys to select the albums. Press > to access the list of the different tracks. Use the ^ v or 0 9 keys to select the tracks. Use the < key to return to the album selection list.

Reading a picture CD



Reading and previewing

Once the disc has been inserted, reading starts straight away.

A preview of the four first pictures appears. Use the − P + keys to access the previous or the next page. Use the cursor ^ v < > to select the desired picture and press OK to display it full screen. Press DVD MENU to return to the preview of the pictures.

Slide show

Press ▶ to start the slide show. The pictures on the disc follow each other automatically. To stop the slide show press ■. To change the display time of the pictures, see the **Toolbar menu** (p.13).

Direct selection of a picture or directory

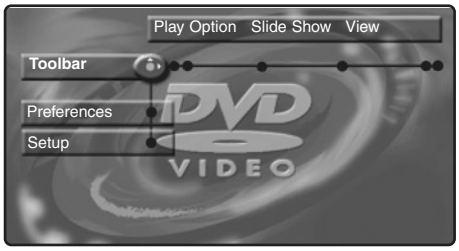
Use the − P + keys to go to the previous or the next picture. The 0 9 keys allow direct selection by picture number. The list of pictures is displayed on the screen. Use the ^ v key to navigate in the list.

If your disc has several directories use < to go back up to the directory selection list. Select the directory with the ^ v keys, then press > to return to selecting the pictures.

Picture format

The ⊡ key allows you to change the format of the picture (see p.9).

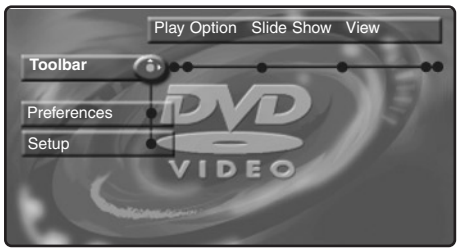
DVD player menu



This menu allows you to access all the particular functions of the DVD player.
Press (SYSTEM MENU). The menu is displayed on the screen. Use the ◁ ▷ △ ▽ keys to navigate the different menus and make adjustments.
Press (SYSTEM MENU) again to quit.
The text is greyed when the function is not available on the disc being read.

Toolbar menu

This menu allows you to access all the features of the DVD player.
Press (SYSTEM MENU) The **Toolbar** menu is displayed. Use the ◁ ▷ keys to select the different submenus:



Play option

- **Disc Navigation**; to access the different tracks on audio and picture CDs.
- **Audio**; to select the audio language in the sound track of DVD films.
  You obtain direct access with the I-II key.
- **Subtitle**; to select the subtitle language of the DVD films.
  You obtain direct access with the ☰ key.

Slide Show

This menu can regulate slide shows from picture CDs.

- **Pic Time**; to adjust the display time of the pictures.

View

- **Angle**; some DVDs have recorded sequences from several camera angles. A special icon usually appears. Use the ◁ ▷ keys to select the desired angle
- **Zoom**; Press OK to activate zoom 2x 4x then come back to normal size.
  Use the ◁ ▷ △ ▽ keys to move round in the enlarged picture.
- **Chapter Preview**; to activate or deactivate preview of DVD chapters.
- **Rotate**; to change the orientation of images for picture CDs.

Search

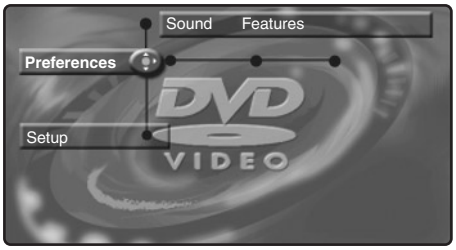
- **Time**; use the 0 9 keys to select the exact moment of the desired sequence. Press OK to confirm. It plays at the indicated time.
- **Fast**; use the ◁ ▷ keys to choose the desired speed.
- **Slow**; use the ◁ ▷ keys to control the slow motion speed. To resume normal speed press ▶.
- **Frame by frame**; use the ◁ or ▷ keys to display forwards or backwards frame by frame. Press ▶ to resume normal playing.

Program:

To program your favourite tracks, see page 15.

Preferences Menu

This menu regulates the DVD player preferences.
Press ⊞ (**SYSTEM MENU**) to display the DVD player menu.
Press the ⌄ key to select **Preferences** and use the ‹ › keys to select the different submenus:



Sound:
- **Night mode**; optimises sound for listening at low volume.

Features:
- **Help**; to display/cancel an explanation zone of menu controls at the bottom of the screen.
- **Status window**; to deactivate display of the status window of the player.

To quit the menu: press ⊞.

Setup Menu

This menu allows you to change the default settings of the DVD player.
Press ⊞ (**SYSTEM MENU**) to display the DVD player menu. Press ⌄ twice to select **Setup** and use the ‹ › keys to select the different submenus:

Language:
- **Audio Language** ; to select the preferred language of the DVD film sound track.
- **Subtitle language**; to select the preferred subtitle language of the DVD films.
  If the preferred language is available on the disc it will be selected by default. Otherwise the first language of the disc will be activated.

TV: *(only available on certain versions)*
- **TV system** ; allows you to choose **Auto** (automatic detection of playing standard) either **Pal** or **NTSC**.

Audio menu:
- **Digital output** ; to choose: **all, PCM only** or **off**.

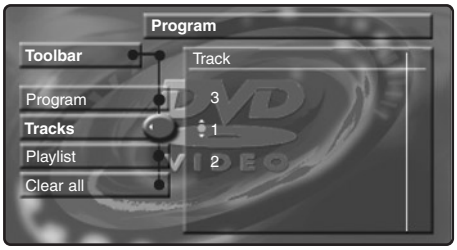
Features:
- **PBC** ; to activate/deactivate the itemisation function available on certain video CDs.

Access: *see next page*
To quit the menu: press ⊞.

Program playing

This feature allows you to program playing by memorising your preferred pieces.

❶ Press ⊞ (**SYSTEM MENU**) to display **Toolbar**. With the › key select **Program** and press ˅ to display the menu:



❷ Use the ˅ key to select **Tracks** and press ›.
❸ Use the ˄˅ or 0 9 keys to select the number of the title and confirm with ›.
❹ Select the desired track in the same way.
❺ Press OK to select it.
❻ Restart the operations ❸ to ❺ as many times as there are titles or tracks to select (maximum 20 per disc).
You can repeat the same number several times if you want.
❼ Press ⊞ to quit. The desired tracks are played immediately.

Stops playing the desired tracks
Position the **Program** line on **Off**.

To consult and modify the list
Select **Playlist** and press ›.
The list of favourite tracks appears. To delete a title select its number with the ˄˅ keys and press OK.

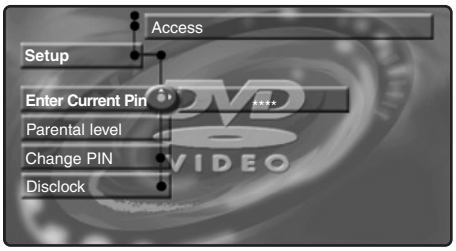
To delete all
Select **Clear all** and press ›.

To quit the menu: press ⊞.

Access control and locking

This function allows access to different locking levels on the player.

❶ Press ⊞. Use the ˅ key to select **Setup** then with ›, select **Access**.



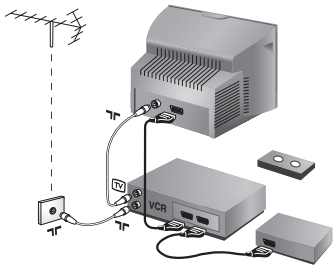
❷ Enter your chosen access PIN. You must key it twice to confirm.
❸ **Parental level:** to activate locking level from 0 (deactivated) to 8 (maximum).
Some DVD discs have locking levels (1 to 8), sometimes with replacement scenes. For example, if you choose Level 4, all the scenes of level 4 (and lower) will be played. Scenes with a higher level will not be played or replaced with substitution scenes. If the disc does not have any substitution scene, it stops playing and you have to enter the four figure PIN.
❹ **Change PIN;** To change the access PIN. You have to key it twice to confirm.
If you have forgotten your confidential PIN press ■ four times.
❺ **Disc Lock:** activates locking DVD discs and video CDs. When you insert a disc in the reader, a dialogue box appears. Enter your secret PIN:
- either for **Play once** (the disc can be played as long as it not taken out of the player and the television is playing),
- or for **Play Always** (play permanently authorised).

The player can memorise up to 50 discs.
When the list is full and another disc is added, the last disc in the list is withdrawn.
Double sided DVDs (as well as video CDs in several volumes) can have a different identification PIN for each side (volume). Each side (volume) must therefore be authorised separately.
❻ Press ⊞ to quit.
❼ **Suppress play authorisation**
- Insert the disc in the player. It begins playing automatically.
- When the symbol ☺ appears, press ■. The symbol ☹ is displayed, and play authorisation is suppressed for this disc.

Connecting peripheral equipment

Depending on the versions, the TV set will be equipped with 1 or 2 SCART connectors EXT1 and EXT2 located on the rear. *The EXT1 socket has audio, CVBS/RGB inputs and audio, CVBS outputs. The EXT2 socket (if available) has audio, CVBS/S-VHS inputs and audio, CVBS outputs.*

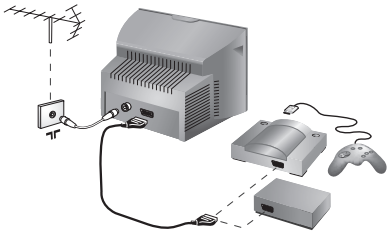
Video recorder



Carry out the connections shown opposite, 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's test signal and assign it programme number 0 (refer to manual store, p. 6).
To reproduce the video recorder picture, press (0).

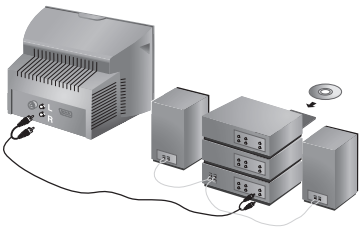
Video recorder with decoder
Connect the decoder to the second euroconnector socket of the video recorder. You will then be able to record scrambled transmissions.

Other equipment



Satellite receiver, decoder, CDV, games, etc.
For TV sets with 2 SCART connectors, preferably connect the equipment delivering RGB signals (digital decoders, DVD players, games consoles, etc.) to EXT1 and the equipment delivering S-VHS signals (S-VHS and Hi-8 VCRs) to EXT2.

Amplifier



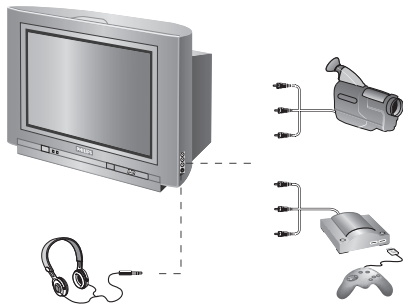
To connect to a hi-fi system, use an audio connection cable and connect the "L" and "R" outputs on the TV *(only available on certain versions)* set to the "AUDIO IN" "L" and "R" input on your hi-fi amplifier.

Use a digital audio connecting cable and connect the television's "DIGITAL AUDIO OUT" output to a "DIG IN" input on the amplifier (amplifier with coaxial digital input).

To select connected equipment

Press the ⊡ key to select **EXT1** and on the versions with 2 scarts, **EXT2**, **S-VHS2** (S-VHS signals from the EXT2 socket) and **AV** for the side connections (if available).
Most equipment (decoder, video recorder) carries out the switching itself.

Side connections



Make the connections as shown opposite.
With the ⊡ key, select AV.
For a monophonic device, connect the audio signal to the AUDIO L input. Use the I-II key to reproduce the sound on the left and right speakers of the TV set.

Headphones
When headphones are connected, the sound on the TV set will be cut. The − **P** + keys are used to adjust the volume level.
The headphone impedance must be between 32 and 600 Ohms.

VCR key

The remote control lets you control the main functions of the VCR.

Press the **MODE** key to select the required mode : **VCR** (video recorder) or **TV**. The remote control indicator lights up to display the selected mode. It switches off automatically after 20 seconds if left idle.
The remote control automatically returns to TV mode.
The following keys are operational, depending on the equipment :

⏻	standby,
◀◀	fast rewind,
▶▶	fast forward,
●	recording,
❚❚	pause
■	stop,
▶	play,
⏲	timer,
MENU	menu,
cursor	navigation and adjustments,
OK	validation,
0 9	digit keys,
− P +	programme selection,
P•P	index function.

** Some functions are not available on all VCRs.*
The remote control is compatible with all VCRs using the RC5 standard.

Tips

Poor reception

The proximity of mountains or high buildings may be responsible for ghost pictures, echoing or shadows. In this case, try manually adjusting your picture: see **Fine Tuning** (p.5) or modify the orientation of the outside aerial.

Does your antenna enable you to receive broadcasts in this frequency range (UHF or VHF band)?

In the event of difficult reception (snowy picture) switch the **NR** on the **Features** menu to **ON**. (p. 6).

No picture

If the television does not switch on, please press the standby key ⏻ (located on the remote control) twice.

Have you connected the aerial socket properly? Have you chosen the right system? (p. 5).

Poorly connected euroconnector cables or aerial sockets are often the cause of picture or sound problems (sometimes the connectors can become half disconnected if the TV set is moved or turned). Check all connections.

Peripheral equipment gives a black and white picture

To play a video cassette, check that it has been recorded under the same standard (PAL, SECAM, NTSC) which can be replayed by the video recorder.

The remote control no longer works.

Check that the mode selector on the side of the remote control is set to TV.

No sound

If on certain channels you receive a picture but no sound, this means that you do not have the correct TV system. Modify the **System** setting (p. 5).

Teletext

Are certain characters not displayed correctly? Check that the **Country** setting has been positioned correctly (p.5).

Does the DVD player no longer work?

Check that the disc does not have any fingerprints on it. Clean it with a soft cloth, wiping from the centre to the edge.

Remote control

The TV set does not react to the remote control; the indicator on the set no longer flashes when you use the remote control? Replace the batteries.

Standby

When you switch the TV set on it remains in standby mode and the indication **Locked** is displayed when you use the keys on the TV set? The **Child Lock** function is switched **On** (p. 7).

If the set receives no signal for 15 mins, it automatically goes into standby mode.

To save power, your set is fitted with components that give it a very low power consumption when in standby mode (less than 3 W).

Still no results?

If your TV set breaks down, never attempt to repair it yourself: contact your dealer's after-sales service.

Cleaning the set

Only use a clean, soft and lint-free cloth to clean the screen and the casing of your set. Do not use alcohol-based or solvent-based products.

Glossary

RGB Signals: These are 3 Red, Green and Blue video signals which directly drive the red, green and blue emitters in the cathode ray tube. Using these signals provides better picture quality.

NICAM sound: Process by which digital sound can be transmitted.

System: Television pictures are not broadcast in the same way in all countries. There are different standards: BG, DK, I, and L L'. The SYSTEM setting (p. 6) is used to select these different standards. This is not to be confused with PAL or SECAM colour coding. Pal is used in most countries in Europe, Secam in France, Russia and most African countries. The United States and Japan use a different system called NTSC.

16:9: Refers to the ration between the length and height of the screen.

Wide screen televisions have a ration of 16/9, conventional screen TV sets have a ration of 4/3.

Table of TV frequencies.
Frequenztabelle der Fernsehsender.
Liste des fréquences TV.
Frequentietabel TV-Zenders.
Tabella delle frequenze TV.
Lista de frecuencias TV.

Lista das frequências TV
Liste over TV senderne.
Tabell over TV-frekvenser.
Tabell över TV-frekvenser.
TV-taajuustaulukko.
Κατάλογος συχνοτήτων πομπών.

Список частот передатчиков.
A televízió-adóállomások frekvenciáinak a listája.
Lista częstotliwości stacji nadawczych.
Seznam frekvenčních pásem vysílačů.
Zoznam frekvenčných pásiem vysielačov.

EUROPE

CANAL	FREQ (MHz)
E2	48.25
E3	55.25
E4	62.25
E5	175.25
E6	182.25
E7	189.25
E8	196.25
E9	203.25
E10	210.25
E11	217.25
E12	224.25
R1	49.75
R2	59.25
R3	77.25
R4	85.25
R5	93.25
R6	175.25
R7	183.25
R8	191.25
R9	199.25
R10	207.25
R11	215.25
R12	223.25
S1	105.25
S2	112.25
S3	119.25
S4	126.25
S5	133.25
S6	140.25
S7	147.25
S8	154.25
S9	161.25
S10	168.25
S11	231.25
S12	238.25
S13	245.25
S14	252.25
S15	259.25
S16	266.25
S17	273.25
S18	280.25
S19	287.25
S20	294.25
H1	303.25
H2	311.25
H3	319.25
H4	327.25
H5	335.25
H6	343.25
H7	351.25
H8	359.25
H9	367.25
H10	375.25
H11	383.25
H12	391.25
H13	399.25
H14	407.25
H15	415.25
H16	423.25
H17	431.25
H18	439.25
H19	447.25
21	471.25
22	479.25
23	487.25
24	495.25
25	503.25
26	511.25
27	519.25
28	527.25
29	535.25
30	543.25
31	551.25
32	559.25
33	567.25
34	575.25
35	583.25
36	591.25
37	599.25
38	607.25
39	615.25
40	623.25
41	631.25
42	639.25
43	647.25
44	655.25
45	663.25
46	671.25
47	679.25
48	687.25
49	695.25
50	703.25
51	711.25
52	719.25
53	727.25
54	735.25
55	743.25
56	751.25
57	759.25
58	767.25
59	775.25
60	783.25
61	791.25
62	799.25
63	807.25
64	815.25
65	823.25
66	831.25
67	839.25
68	839.25
69	855.25

FRANCE

CANAL	FREQ (MHz)
2	55.75
3	60.50
4	63.75
5	176.0
6	184.0
7	192.0
8	200.0
9	208.0
10	216.0
B	116.75
C	128.75
D	140.75
E	159.75
F	164.75
G	176.75
H	188.75
I	200.75
J	212.75
K	224.75
L	236.75
M	248.75
N	260.75
O	272.75
P	284.75
Q	296.75

ITALY

CANALE	FREQ (MHz)
A	53.75
B	62.25
C	82.25
D	175.25
E	183.75
F	192.25
G	201.25
H	210.25
H1	217.25

Information for users in the UK *(not applicable outside the UK)*

Positioning the TV

For the best results, choose a position where light does not fall directly on the screen, and at some distance away from radiators or other sources of heat. Leave a space of at least 5 cm all around the TV for ventilation, making sure that curtains, cupboards etc. cannot obstruct the air flow through the ventilation apertures. The TV is intended for use in a domestic environment only and should never be operated or stored in excessively hot or humid atmospheres.

General Points

Please take note of the section entitled 'Tips' at the end of this booklet.

Interference

The Department of Trade and Industry operates a Radio Interference Investigation Service to help TV licence holders improve reception of BBC and IBA programmes where they are being spoilt by interference.

If your dealer cannot help, ask at a main Post Office for the booklet "How to Improve Television and Radio Reception".

Mains connection

Before connecting the TV to the mains, check that the mains supply voltage corresponds to the voltage printed on the type plate on the rear panel of the TV. If the mains voltage is different, consult your dealer.

Important

This apparatus is fitted with an approved moulded 13 Amp plug. To change a fuse in this type of plug proceed as follows:

1. Remove fuse cover and fuse.
2. Fit new fuse which should be a BS1362 5A, A.S.T.A. or BSI approved type.
3. Refit the fuse cover.

In order to maintain conformity to the EMC directive, the mains plug on this product must not be removed.

Connecting the aerial

The aerial should be connected to the socket marked ⊐⊏ at the back of the set. An inferior aerial is likely to result in a poor, perhaps unstable picture with ghost images and lack of contrast. Make-shift loft or set-top aerials are often inadequate. Your dealer will know from experience the most suitable type for your locality.

Should you wish to use the set in conjunction with other equipment, which connects to the aerial socket such as TV games, or a video camera it is recommended that these be connected via a combiner unit to avoid repeated connection and disconnection of the aerial plug.

Fitting the stand (if provided)

Use only the stand provided with the set, making sure that the fixings are properly tightened. A diagram showing how to assemble the stand is packed with the stand. Never use a make-shift stand, or legs fixed with woodscrews.

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