

tv



PHILIPS

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 'Tips' at the end of this booklet.

Interference

The Department of Trade and Industry operates a Radio Interference Investigation Service to help TV license 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 x 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 or set-top aerials are unlikely to give adequate results.

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 you consult your dealer on the best method of connection.

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.

Contents

Help?

If this instruction manual does not give an answer or if 'Tips' do not solve your TV problem, you can call your Local Philips Customer or Service Centre. See the supplied World-wide guarantee booklet.

Please, have the Model and Product number which you can find at the back of your television set or on the packaging, ready, before calling the Philips helpline.

Model: 32PW9588

Product No: AG

Installation

Preparation	2
Keys/LCD display on top of the TV	3
Your remote control	4-5
To use the menus	6
Select the menu language and country	6
Store TV channels	7
Automatic installation	7
Manual installation.....	7
Give name	7
Reshuffle the programme list.....	8
Select favourite TV channels	8
Install TV setup	8
Speakers	8
General	9
Source	10
Decoder	10
Demo	10

Operation

TV menu	
Picture menu	11
Sound menu	12
Features menu	13
NEXTVIEW/Teletext guide	14-15
Teletext	16-17
RDS Radio	18-19

Connect peripheral equipment

Connecting and selecting equipment	20-21
Audio and Video equipment keys	22
Tips	23



End of life directives

Philips is paying a lot of attention to producing environmentally-friendly in green focal areas. Your new TV contains materials which can be recycled and reused. At the end of its life specialised companies can dismantle the discarded TV to concentrate the reusable materials and to minimise the amount of materials to be disposed of.

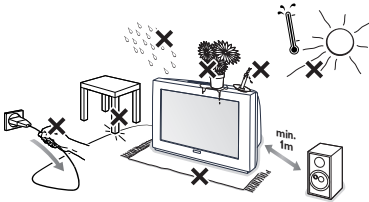
Please ensure you dispose of your old TV according to local regulations.




EasyLink features are based on the "one touch operation" approach. This means that a sequence of actions are executed at the same time in both the television and the video cassette recorder; provided both are fitted with the EasyLink function and connected with the eurocable supplied with your video recorder.

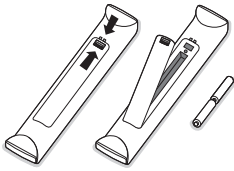
Preparation

- 1 Place the TV on a solid surface.
! 32PW9588: 60 kg !

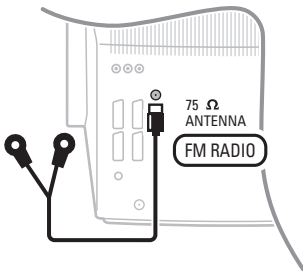



For ventilation, leave at least 5 cm free all around the TV. Do not place the TV on a carpet. To prevent any unsafe situations, do not place any objects on top of the TV. Avoid heat, direct sunlight and exposure to rain or water.

- 2 Insert the aerial plug firmly into the aerial socket  at the back of the TV. For best picture quality use the suppressor-aerial cable supplied.
- 3 **Remote control:** Insert the 2 batteries supplied (Type R6-1,5V).



The batteries supplied do not contain the heavy metals mercury and cadmium. Please check on how to dispose of exhausted batteries according to local regulations.



- 4 Insert the mains plug of the TV in the wall socket having a mains voltage of 220V-240V.
- 5 **Switch the TV on :** Press the power switch  on the front of your TV.
A blue indicator on the front of the TV lights up, the screen comes on and the LCD display smoothly and automatically pops up. If the indicator is red, press the **-P+** keys on the remote control.

- 6 **LCD display:** When popped up, the LCD display will show the mode the TV is in (**TV** or **Radio**) together with information about the selected mode.

When the TV is switched off to standby the display will go down again. When the TV is switched off with the power switch the display will remain in the position it was. If needed, you can manually push the display down.

Note:

- to switch off the automatic display movement, see Setup, General menu, Auto LCD movement, p. 9.
- you can change the position of the display, up or down, with the LCD key on the remote control. See use of the remote control, p. 4.

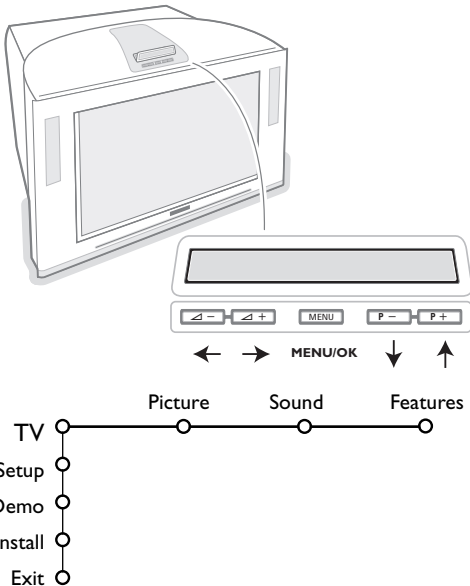
More details about the content of the display, see p. 3.

FM Wire Antenna connection

Connect the supplied FM wire antenna to the **FM RADIO ANTENNA 75 Ω** connector at the back of the TV. Adjust the position of the FM antenna for the best reception.

Note: for better FM stereo reception, connect an outdoor FM antenna or cable antenna to the **FM RADIO ANTENNA 75 Ω** connector using a 75 Ω coaxial wire.

Keys on top of the TV



Should your remote be lost or broken you can still change some of the basic settings with the keys on top of your TV.

Press:

- the \triangleleft - or + key to adjust the volume;
- the -P+ keys to select the TV channels or sources.

The **MENU** key can be used to summon the main menu without the remote control.

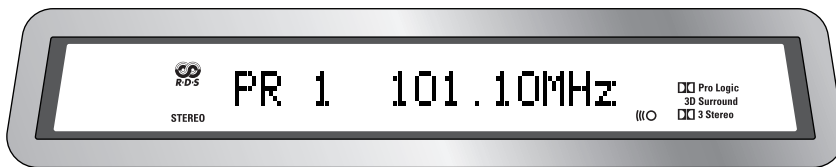
Use:

- the \triangleleft - and + keys and the **P-** and **P+** keys to select menu items in the directions as shown;
- the **MENU** key to confirm your selection.

Note:

When activated via the **MENU** key on top of the TV, only **Exit** lets you dismiss the menu. Navigate to **Exit** and press the **MENU** key.

Contents of the LCD display



(\square \circ) starts blinking when the TV is receiving a command from the remote control.

Dependent on the selected mode, the following information may be displayed:

In TV mode:

- channel number, channel name or the selected external
- a volume bar
- feed back messages
- the surround signal the TV is processing

In Radio mode:

- the name of the selected station, the type of programme, the frequency
- a volume bar
- the RDS icon when playing a radio station with RDS signal
- the sound signal (stereo)

Use of the remote control RC4360

Note: For most keys pressing a key once will activate the function. Pressing a second time will de-activate it. When a key enables multiple options, a small list will be shown. Press repeatedly to select the next item in the list. The list will be removed automatically after 4 seconds or press **OK** to remove immediately.

VCR DVD SAT AMP CD

Audio- and Video equipment keys
(p. 22)

 **Select peripherals** (p. 21)



Audio- and Video equipment keys
(p. 22)
RDS Radio see p. 18

Record

See Record with your recorder
with EasyLink, p. 22

Time display

The time is displayed on the
screen.

Surround mode

Press this key repeatedly to
select another available surround
mode.

Cinema Go

See separate Cinema Link
booklet supplied.

NEXTVIEW on/off p. 14


Freeze

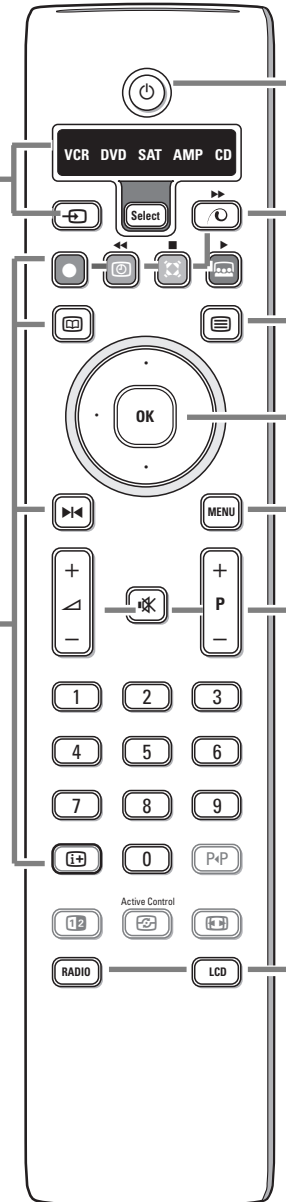
To freeze the picture.

On Screen information

Press to display information
about the selected TV channel
and programme or the tuned
radio station.
RDS radio function, see p. 18

Menu/Remote control info

When a menu is on screen, press
 to display info on the
selected menu item. For
information on the remote
control functions, while the
menu info is displayed, press any
key on the remote control.
The normal function of the key is
not executed.



Standby

Press to switch the TV on or off.
When switched off, a red indicator
on the TV lights up.

Pixel Plus demo on/off

In the right part Pixel Plus and
Digital Natural Motion are
switched on.

Teletext on/off p. 16


RDS radio function, see p. 18


OK Press this key

- to activate your choice, when in the menus.
- to display the programme list.

MENU Main menu, see p. 6

RDS radio function, see p. 18

 To adjust the volume.

 Interrupt or restore the sound.

P Programme selection

To browse through the TV
channels and sources stored in
the favourite list.
RDS radio function, see p. 18

0/9 Digit keys

To select a TV channel.
For a two digit programme
number, enter the second digit
before the dash disappears. To
switch immediately to a selected
one digit TV channel, keep the
digit key pressed a bit longer.

RADIO

Radio/TV mode selection, p. 18






LCD: LCD tilt up/down



P+P Smart surf / NEXTVIEW themes

With this key you can easily switch between 2 up to 9 different TV channels or sources or quickly select TV programmes if NEXTVIEW with defined themes is broadcast. See General, Smart surf, p. 9. Press the **OK** key or wait for the time out to dismiss the Smart surf display.

Dual screen

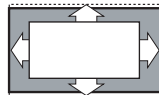
- 1 Press the  or  key. Press the  key to show Teletext or NEXTVIEW/Teletext Guide on the right half of the screen.
- 2 Move the puck to the blue ball in the left screen. Press **+P-** to select another TV channel.
- 3 Press the  key to select a vertical squeezed or a non vertical squeezed picture size.
- 4 Press the  key to switch off Dual screen.

Note: Dual screen is not possible in Radio mode.

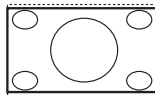
Active control see p. 11

Picture format

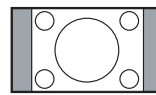
Press this key repeatedly or press the cursor up/down to select another picture format: Auto format, Super zoom, 4:3, Movie Expand 14:9, Movie Expand 16:9, Subtitle zoom or Wide screen.



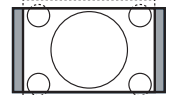
Auto format



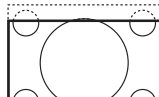
Super zoom



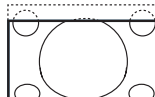
4:3



Movie Expand 14:9



Movie Expand 16:9



Subtitle zoom



Wide screen

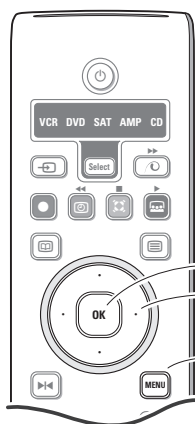
Auto format makes the picture fill the screen as much as possible. In case of subtitles in the bottom black bar, Auto format makes the subtitles visible. If subtitles are only partly visible, press cursor up. In case of a broadcaster logo in the corner of the top black bar, the logo disappears from the screen.

Super zoom removes the black bars on the sides of 4:3 programmes with minimal distortion.

When in Movie Expand 14:9, 16:9, Super zoom or Subtitle zoom picture format, you can make subtitles visible with the cursor up/down.

P+P **RDS Radio function**, see p. 18

To use the menus

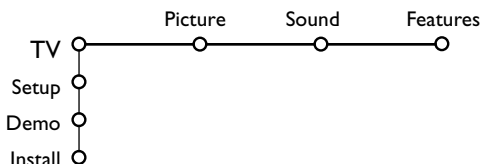


- OK key to activate
- cursor to select adjustments
- return or switch main menu on/off

Press the **i+** key to get information about the selected menu item.

- 1 Press the **MENU** key on the remote control to summon the main menu. At any moment you can exit the menu by pressing the **MENU** key again.

Note: If you have connected equipment with Cinema Link, more menu items are present.



- 2 Use the cursor in the up/down direction to select the **TV**, **Setup**, **Demo** or **Install** menu. Use the cursor left/right to select **Picture**, **Sound** or **Features**.

Note: Sometimes not all the menu items are visible on the screen (indicated by a cluster of blue balls). Use the cursor down or right to reveal all items.

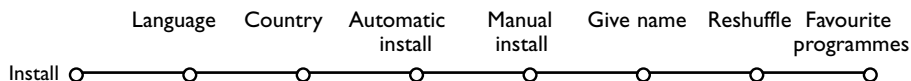
- 3 Use the cursor in the left/right direction to select the menu item.

- 4 Use the cursor up/down again to select the control you want to select or to adjust.

Note: Items temporary not available or not relevant are displayed in a light grey colour and cannot be selected.

Installation

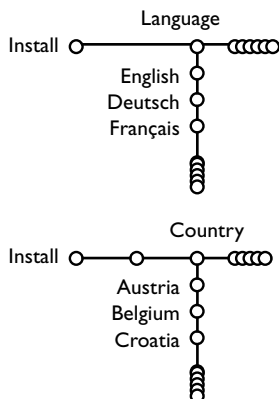
The installation menu contains the following items:



EasyLink

If your video recorder has an EasyLink function, during installation, the language, country and available channels are automatically transmitted to the video recorder.

Select the menu language and country

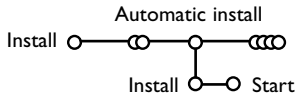


- 1 Press the **MENU** key on the remote control.
- 2 Use the cursor down to select **Install**.
- 3 Use the cursor right to select **Language**. Follow the instructions on screen.
- 4 Use the cursor up/down to select your preferred language and press the **OK** key to confirm your selection.
- 5 Use the cursor right to select **Country**.
- 6 Select the country where you are now located and press the **OK** key. Select **Other** when none of the countries applies.
- 7 Proceed with the **Install** menu.

Store TV channels

After language and country are set correctly, you can now search for and store the TV channels in two different ways: using Automatic Installation or Manual Installation (tuning-in channel by channel). Select your choice with the cursor right.

Automatic installation



1 Select **Automatic install** in the Install menu.

Note: All channels must be unlocked in order to autoprogram. If requested, enter your code to unlock all channels. (See TV, Features menu, Childlock, p. 13.)

2 Press the cursor down.

The autoprogramming option label **Start** appears.

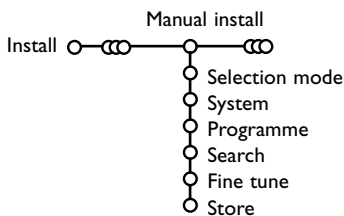
3 Press the cursor right.

4 The message **Searching** appears and the progress of autoprogramming is displayed.

If a cable system or a TV channel which broadcasts ACI (Automatic Channel Installation) is detected, a programme list appears. Without ACI broadcast, the channels are numbered according your language and country selection. You can use Reshuffle to renumber them. See p. 8.

*It is possible that the cable company or the TV channel displays a broadcast selection menu. Layout and items are defined by the cable company or the TV channel. Make your choice with the cursor and press the **OK** key.*

Manual installation



Searching for and storing TV channels is done channel by channel. You must go through every step of the Manual Installation menu.

1 Select **Manual install** in the Install menu.

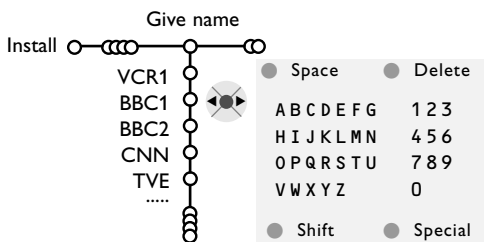
2 Press the cursor down.
Follow the instructions on screen.

Note: Search or direct selection of a TV channel.

If you know the frequency, the C- or S-channel number, enter the 3 or 2 digits of the frequency or the channel number directly with the digit keys 0 to 9 (e.g. 048). Press the cursor down to proceed.

Repeat to search for another TV channel.

Give name



It is possible to change the name stored in the memory or to assign a name to a TV channel for which a name has not yet been entered. A name with up to 5 letters or numbers can be given to the programme numbers 0 to 99.

1 Select **Give Name** in the Install menu and press the cursor down.

2 Select the programme number.

Note: keep the cursor up/down pressed to scroll through the programme list quickly.

3 Press the cursor right.

A keyboard appears on the screen. Press the cursor right to enter the keyboard. Press the cursor up/down, left/right to select the first character and press **OK**. Repeat for every character you want to enter. Select **Space** to enter a space; **Delete** to erase the highlighted character in the name entered; **Shift** to display upper- or lowercase characters on the keyboard; **Special** to display special characters on the keyboard. Press **OK** to confirm.

4 Press the cursor left repeatedly when you have finished the name giving.

5 Select another programme number and repeat steps **3** to **4**.

Reshuffle the programme list

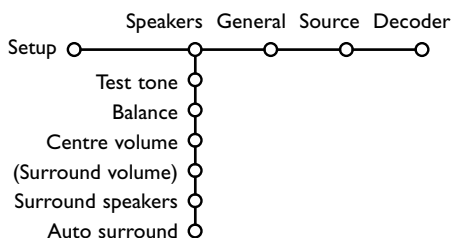
You can change the order of the stored TV channels.

- 1 Select **Reshuffle** in the Installation menu.
- 2 Follow the instructions on screen.

Select Favourite TV channels

- 1 Select **Favourite programmes** in the Install menu.
- 2 Select your programme number with the cursor up/down.
- 3 Select **Yes** or **No** with the cursor right.
- 4 Repeat 2 and 3 for every TV channel or external you want to make a favourite or a non-favourite TV channel or external.

TV Setup



The Setup menu contains items that control the settings of the TV's functions, features, services and peripherals you may have connected.

The **Speakers** menu reflects the speaker-related controls.

The **General** menu allows you to change settings that will typically be accessed only occasionally.

The **Source** menu allows you to select a source.

The **Decoder** menu allows you to define one or more programme numbers as decoder programme numbers.

Speakers

Your TV is equipped with integrated front left, right and centre loudspeakers, capable of reproducing Stereo, Dolby 3 stereo and 3D Surround modes. For full Dolby Pro Logic Surround sound you should use two amplified rear surround speakers connected to the back of the TV. See Extra loudspeakers/Amplifier, p. 21.

Depending on the output and Surround mode (see Main menu, TV, Sound, Surround mode, p. 12) selected, some menu items may be greyed out and are not selectable.

Test tone controls

The menu item **Test tone enables** you to balance the volume levels of the speakers.

- 1 Select **Test tone** and press the cursor right.
- 2 Once turned on, the Test Tone will circulate through the left, centre, right speakers and both rear surround speakers (if present).
- 3 Press the cursor up/down to select the desired speaker for individual volume level adjustment.
- 4 Press the cursor left/right to adjust the volume level.

Surround Speakers

See Connect Peripheral Equipment, Extra loudspeakers/amplifier, p. 21.

If no Surround Speakers are connected do not change the predefined factory settings which is **Off**. If Surround Speakers are connected select **On**.

(Dolby Pro Logic and Hall are not available if Off is selected.)

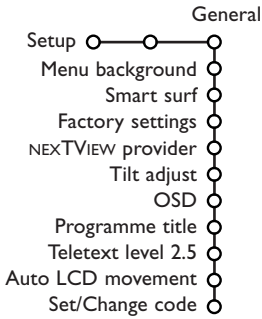
Auto Surround

Sometimes the broadcaster transmits special signals for Surround Sound encoded programmes.

The TV automatically switches to the best surround sound mode when **Auto Surround** is switched **On**.

However it is possible to overwrite this setting.

General



This menu allows you to change various settings that are presumably adjusted less frequently than most other settings.

Press the **i+** key on the remote control to get information about the selected menu item.

Smart surf

- 1 Select **Smart surf**.
- 2 With the cursor left/right, select
 - **2 programmes** if you want the P+P key to toggle between the current and the previously selected channel,
 - **9 programmes** if you want the P+P key to summon a list of up to 9 channels which can be selected,
 - **Themes** if you want the P+P key to quickly select TV programmes if NEXTVIEW with defined themes is broadcast.

To add/remove a channel or source:

Tune to the channel or source you wish to add or remove. Press the P+P key and press the cursor right to add or remove.

Note: If there are already 9 channels/sources in the list, the one at the bottom of the list will be removed.

Factory settings

This resets the picture and sound settings to their predefined factory values, but maintains the channel installation settings.

NEXTVIEW provider

Select a TV broadcaster that provides NEXTVIEW data. How to make use of NEXTVIEW, see p. 14.

OSD (On Screen Display)

See Use of the remote control, p. 4, **i+** On screen information.

- 1 Select **OSD**.
- 2 Select **Normal** to activate the continuous display of the programme number. Also TV channel and programme information are extended. **Minimum** will display reduced channel information.

Note: When subtitles is switched on, see Features, p.13, continuous display of the programme number is not possible.

Teletext level 2.5

Some broadcasters offer the opportunity to see more colours, other background colours and nicer pictures in the teletext pages.

- 1 Select **Teletext level 2.5**.
- 2 Press the cursor right to select **Teletext level 2.5 On** to take advantage of this feature.
- 3 Press the cursor right again to select **Teletext level 2.5 Off** if you like the more neutral teletext layout.

The selection made is valid for all channels which broadcast teletext level 2.5.

Note: It may take a few seconds before teletext broadcast switches over to Teletext level 2.5.

Set/Change code

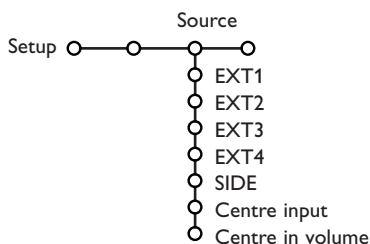
The Child lock feature (see TV, Features, p. 13) allows you to lock channels to prevent others from watching certain programmes. To watch locked channels, a 4-digit code must be entered. The Set/Change code menu item allows you to create or change a Personal Identification Number (PIN).

- 1 Select **Change code**.
- 2 If no code exists yet, the menu item is set to **Set code**. If a code has previously been entered, the menu item is set to **Change code**. Follow the instructions on screen.

Important: You have forgotten your code !


- 1 Select **Change code** in the General menu and press **OK**.
- 2 Press the cursor right and enter the overriding code 8-8-8-8.
- 3 Press the cursor again and enter a new personal 4-digit code. The previous code is erased and the new code is stored.

Source



This menu allows you to indicate the peripheral you connected to one of the external inputs.

- 1 Press the cursor right to enter the list of types of peripherals attached to the selected input.
- 2 Select the peripheral device with the cursor up/down.

Once you have selected the source type, e.g. DVD, this source will automatically be selected when your remote control is in DVD mode, see p. 4, and when you press the  key on the remote control.

Centre input - Centre in volume

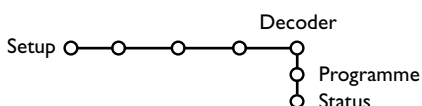
When you have connected a surround receiver to the TV, see p. 21, the loudspeakers of the TV will act as centre speaker, making a separate centre speaker unnecessary.

Select **Centre input On** or **Cinema Link**.

Select **On** in case you have connected an external audio receiver without Cinema Link. Select **Cinema Link** in case you have connected a Cinema Link surround receiver.

When having selected **On** you can adjust the **Centre in volume** with the cursor left/right to correct volume level differences of the external audio receiver and speakers.

Decoder

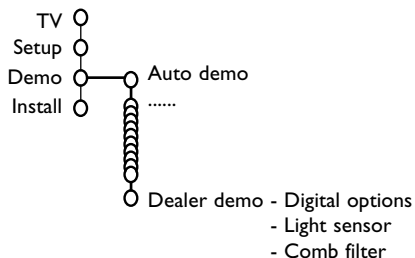


If a decoder or a descrambler is connected, see p. 20, you can define one or more programme numbers as decoder programme numbers.

- 1 Select **Decoder** with the cursor right.
- 2 Select **Programme**.
- 3 Select the programme number under which you have stored the programme coming from your decoder.
- 4 Select **Status**.
 - Select the input used to connect your decoder: **None**, **EXT1** or **EXT2**.
 - Select **None** if you do not want the selected programme number being activated as a decoder programme number.

*Note: Select **EXT2** when the decoder is connected to your EasyLink video recorder.*

Demo



The Demo menu allows to demonstrate the TV features separately or in a continuous loop.

If **Auto demo** has been selected the demo will automatically present the features sequentially in a loop. Press one of the cursor keys to stop the Auto demo.

If one of the features has been selected, this particular feature demo will run only once, and the Demo menu will reappear.

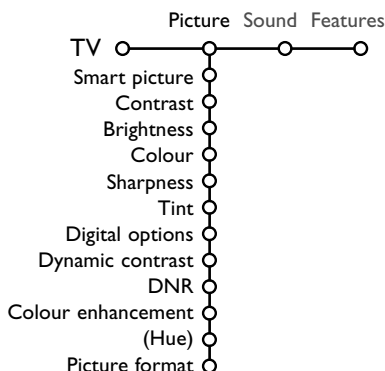
Note: The Dealer demo is not part of the automatic sequence and can only be activated separately.

TV menu

Press the **MENU** key on the remote control to summon the main menu.

Press the **[+]** key on the remote control to get information about the selected menu item.

Picture menu



❶ Press the cursor right to select **Picture**.

❷ Select the menu items in the Picture menu with the cursor up/down.

❸ Adjust the settings with the cursor left/right or enter the list of submenu items with the cursor right. Select a submenu item with the cursor up/down.

Note: To remove the menu background before adjusting the picture settings, see Select TV setup, General, p. 9.

Smart picture

Select **Smart picture** to display a list of predefined picture settings, each corresponding with specific factory settings.

Personal refers to the personal preference settings of picture in the picture menu.

Digital options

Pixel Plus is the most ideal setting, doubles the horizontal resolution and increases the number of lines with 33%. You may consider to select Movie Plus in case a halo effect should disturb you. Dependent on your own preference, select Double lines, or 100 Hz Digital Scan.

Note: When 60 Hz NTSC material is used, the options are changed to Pixel Plus or Progressive, progressive scan without motion compensation.

Active Control

The TV continuously measures and corrects all incoming signals in order to provide the best picture possible.

❶ Press the **[AC]** key on the remote control.

❷ The Active Control menu appears.

❸ Press the cursor up/down to select the Active Control values **Off**, **Minimum**, **Medium** (recommended) or **Maximum**.

The picture settings are being optimised continuously and automatically which is displayed by bars. The menu items can not be selected.

❹ Press the cursor right to select **Smart picture**.

❺ Press the cursor up/down to select one of the predefined picture settings.

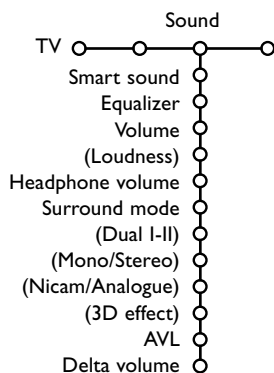
❻ Press the cursor right to select **Active Display**.

❼ Press the cursor up/down to select **Bars**, one of the Dual screen demos or **Off**.

When you select Dynamic contrast, Pixel Plus, Digital Noise Reduction or Digital Natural Motion, the TV screen is divided into two parts: in the left part the selected picture quality setting is switched off; in the right part it is switched on.

❽ Press the **[AC]** key again to switch off the Active Control menu.

Sound menu



- 1 Press the cursor right to select **Sound**.
- 2 Select the menu items in the Sound menu with the cursor up/down and adjust the settings with the cursor left/right. Remember, control settings are at normal mid-range levels when the bar scale is centred.

Smart sound

Select **Smart sound** to display a list of predefined sound settings, each corresponding with specific factory settings of treble and bass.

Personal refers to the personal preference settings of sound in the sound menu.

Notes:

- Some menu items are only available in case of a Cinema Link configuration and when the Cinema Link is activated. Others are steered by the audio receiver instead of by the TV. See the separate Cinema Link booklet supplied.
- Dual **I-II** is only available with dual sound transmission.
- Mono/Stereo is only selectable in case of analogue stereo transmission.
- Nicam/Analogue is only selectable in case of Nicam transmission.

Surround Modes

Dependent on your personal preference and the sound signal broadcasted, select one of the Surround modes. Only the speakers indicated in the drawings can reproduce sound.

Stereo



This mode reproduces only the left and right front sound signals.

Dolby 3 Stereo

(optimal with Dolby Surround broadcasting)




The Dolby Pro Logic* sounds are distributed over the front left, the front right and the centre TV loudspeakers.

3D Surround

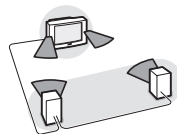
(optimal with Dolby Surround broadcasting)



3D Surround enables you to experience the 3D effect of Dolby Surround Pro Logic* without the need of having rear speakers connected or activated.

The graphical representation of the rear loudspeakers is replaced by the symbol . Select the level of **3D effect** with the cursor left/right.

Hall

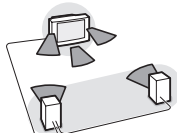



The sound signal is distributed over the rear loudspeakers which creates a hall effect from the rear.

The centre loudspeaker does not reproduce any signal.

Dolby Pro Logic

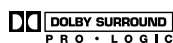
(optimal with Dolby Surround broadcasting)




All front and rear loudspeakers reproduce the Dolby Surround Pro Logic sounds. This sound is always present in the movie or programme marked with  Dolby Surround.

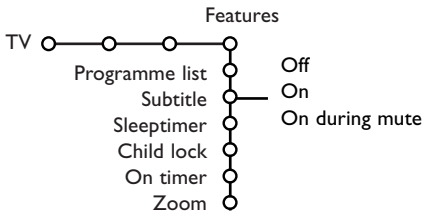
Note:

- Normal stereo broadcast is not always encoded to produce a rear surround sound effect.
- In case of a Cinema Link receiver configuration connected, only the surround modes of the external receiver can be selected.
- Pro Logic and Hall can only be reproduced if Surround speakers is set to Yes in the Setup, Speakers menu, p. 8, and rear speakers are connected.
- When a headphone is connected, only the Surround mode **Stereo-headphone** is available.



* Dolby' 'Pro Logic' and the double-D symbol  are trademarks of Dolby Laboratories Licensing Corporation. Manufactured under license from Dolby Laboratories Licensing Corporation.

Features menu



Programme list

Press the **OK** key to switch over to the selected TV channel or external.

Select subtitles

The subtitle page must be stored for each TV channel:

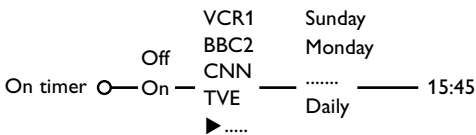
Switch on teletext and select the proper subtitle page from the index. Switch off teletext.

Subtitle On will automatically display them on the selected TV channels if subtitles are in the transmission. A symbol will indicate that the mode is on.

Select **On during mute** when you want to have the subtitles automatically displayed only when the sound has been muted with the **MUTE** key on the remote control.

On timer

- 1 Select **On timer** with the cursor down.



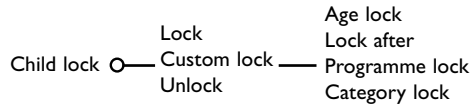
- 2 Select **On** with the cursor right.
- 3 Press the cursor right again to enter the programme list.
- 4 Select the TV channel or external you want your TV to switch to on a selected time and day.
- 5 Press the cursor right again to select a day of the week or to select **Daily**.
- 6 Press the cursor right once again to enter the time with the digit keys or with the cursor up/down and press the **OK** key to activate.
- 7 Press the **MENU** key to turn off the menu.
*Note: To check your timer settings, press the **INFO** key.*

Press the cursor right to select Features. Select the menu items with the cursor up/down and adjust the settings with the cursor left/right.

Use the on-screen Menu-Info **INFO for more information about the menu items.**

Child lock

- 1 Select **Child lock**.



- 2 Press the cursor right to enter the Child lock menu. You're summoned to enter your code.
Note: You have to re-enter your code each time you enter the child lock menu.

Important: You have forgotten your code ! See p. 9.

- 3 Select one of the menu items of the child lock menu:
 - **Lock** if you want to lock all channels and externals.
 - **Custom lock** and press the cursor right. The items Age lock and Category lock are only available when NEXTVIEW broadcast is available. Select:
 - **Age lock** if you want to lock programmes related to a certain age: off, 2, 4 ... 18;
 - **Lock after** if you want to lock all programmes from a certain time onwards. Press the cursor right and enter the time with the cursor up/down and right. Press the **OK** key to validate.
 - **Programme lock** if you want to lock a certain TV channel or external;
 - **Category lock** if you want to lock programmes related to a certain theme: Movies, Sports, Shows.... See NEXTVIEW, p. 14.
 - Select **Unlock** to disable all locks you have set.

Note: The Radio mode cannot be locked separately.

Zoom

- 1 Select **Zoom** with the cursor down and press the **OK** key.
- 2 Press the **OK** key to select one of the zoom magnifications (x1, x4, x9, x16).
- 3 Additionally you can shift the selected zoom window over the screen with the cursor keys up/down, left/right.
- 4 Press the **MENU** key to turn off the zoom function.

NEXTVIEW / Teletext guide



NEXTVIEW is an electronic guide that allows you to look up programmes as you would in a newspaper or a TV magazine. You can sort the programmes by subject (films, sport...), obtain detailed information and programme your video recorder if it comes with the NEXTVIEWLink function.

*Important note: **The NEXTVIEW service is only available on certain programmes and in certain countries.** When no NEXTVIEW information is broadcast, the teletext programme guide appears in its place. This is based on teletext programme information (if available) and offers most functions of NEXTVIEW.*

Note: The broadcaster is responsible for the content of the information.

Call NEXTVIEW / Teletext guide

Press the key on the remote control to call the NEXTVIEW/Teletext guide.

A menu appears with the message **One moment please.** After a while you obtain:

- a NEXTVIEW page, if the selected channel broadcasts this service (the NEXTVIEW logo is displayed),
- a teletext page, if the selected channel does not broadcast NEXTVIEW,
- **No information available** is displayed if neither NEXTVIEW nor teletext are transmitted. In this case, select another channel.

Select TV channels by theme

If NEXTVIEW with defined theme is broadcast, it is possible to quickly select TV programmes with the P+P key. See Setup, General menu, Smart surf, p. 9.

Display of a NEXTVIEW page

The information is set by the channel that transmits the NEXTVIEW service. See also Setup menu, General, NEXTVIEW provider, p. 9.

The screenshot shows a TV screen displaying a programme guide. At the top, it says 'Mon 05 Feb' and '18.00'. Below this are navigation options: 'Menu', '18.00', 'Channel', and 'Theme'. A vertical 'puck' is on the left side, with a 'NEXTVIEW' logo at the bottom. The main area shows a list of programmes:

Date	Time	Channel	Programme Name
Mon 03			
Tue 04	BBC1 18.00	BBC	BBC News
Wed 05	BBC2 18.00	BBC	The Simpsons
Thu 06	CNN 18.00	CNN	World News
Fri 07	FR2 18.00	FR2	On a tout essayé!
Sat 08	CH5 18.15	CH5	Tomorrow Never Dies

At the bottom, there are function keys: 'Review', 'Record', 'Remind', 'Watch', and 'Lock'. Annotations include: 'puck' pointing to the left side; 'NEXTVIEW guides' pointing to the top right; 'Programme name and broadcast time' pointing to the programme list; and 'function keys' pointing to the bottom row.

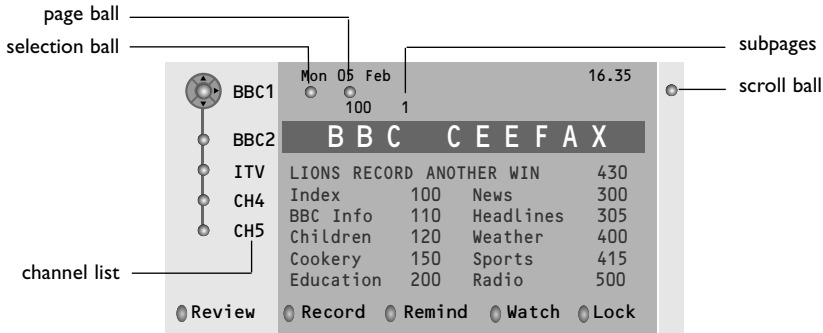
This logo is only displayed during a NEXTVIEW transmission or when one of the externals is selected. No logo indicates a teletext programme guide

NEXTVIEW guides

- 1 Use the cursor key left/right to select **Time**, **Channel**, **Theme**, the **Date** guide. The **Time guide** provides an overview of all programme titles active in the selected time block. The **Channel guide** provides an overview of all programmes that are broadcast by a single channel during one day. With the **Date guide** you can choose a specific date. The **Theme guide** displays a list of all programmes at the selected date, that matches with the selected category. Going through the menu guide, the TV is collecting the sorting criteria to finally display a list of programme events.
- 2 Press the **OK** key to select the guide type.
- 3 Move the puck down and to the right to select the programmes. If available a summary or commentary on the programme is displayed at the bottom of the screen.
- 4 Use the cursor up/down to scroll through the programmes.

Teletext Guide






- 1 Enter with the digit keys, the teletext page number that contains the programme information for the current channel.
- 2 Press the cursor right to move the puck over the selection ball.
- 3 Use the cursor up/down to scroll through the different programmes.



- If the selected programme contains a page number with an optional subcode referring to a page with more info about the programme, press the **OK** key to display the information. Press the **OK** key again to return to the programme guide page.
- If the selected programme guide page satisfies the VPT requirements,
 - it will be possible to record, remind, watch or lock programmes:
 - the TV will remember the last selected teletext page number of that channel that contains programme guide information and indicates which programme starts at what time. Every time you press the **□** key, the teletext programme guide page of the selected TV channel will be available.
- When necessary you can select the subpage number by moving the cursor to the pageball and pressing right.

Note: You must enter the teletext pagenumber for each channel. You can change the channels also by moving the cursor up/down in the list in the left of the page.

Basic functions

Press one of the grey , red , green , yellow  or blue  keys to activate a NEXTVIEW or Teletext Guide function. The keys appear in grey if the function is not available.

Review: this menu provides a list of programmes that are marked as reminders, those that have to be recorded and those that are locked. This menu can be used to change or remove marked programmes.

Record: to programme the recording of the video recorder (if it has a NEXTVIEWLink function and is connected to **EXT. 2**).

Remind: automatically switch on the TV if it is in standby or by displaying a message if the TV is on.

Lock: to lock certain programmes to prevent recording or watching.

For the functions Record, Remind or Lock, a small menu pops up in which you can choose the interval: once, daily or weekly, or clear an earlier made record, remind or lock setting. The default interval is set to **Once**. To confirm the frequency, press the **OK** key.

Watch: to watch the selected and currently broadcast programme.

Acquisition and updating of NEXTVIEW information

Acquisition and updating of NEXTVIEW is done when you are watching the TV channel of the selected NEXTVIEW provider; see Setup menu, p. 9, or when the TV is switched to standby.

Acquisition of fresh data will happen once during the night.

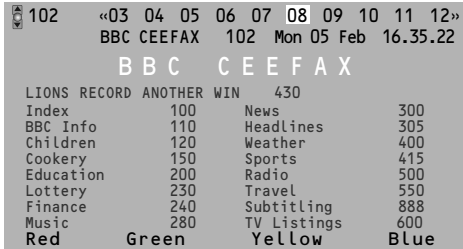
Note: it may be necessary to put the TV in standby mode when all NEXTVIEW information is outdated, e.g. when returning from holiday.

Teletext

Most TV channels broadcast information via teletext. This TV has a 1200 pages memory that will store most broadcasted pages and subpages to reduce waiting time. After each programme change, the memory is refreshed.

Switch Teletext on and off

- Press  to switch the teletext on.



102	«03 04 05 06 07 08 09 10 11 12»
BBC CEEFAX	102 Mon 05 Feb 16.35.22
BBC CEEFAX	
LIONS RECORD ANOTHER WIN	430
Index	100 News 300
BBC Info	110 Headlines 305
Children	120 Weather 400
Cookery	150 Sports 415
Education	200 Radio 500
Lottery	230 Travel 550
Finance	240 Subtitling 888
Music	280 TV Listings 600
Red	Green Yellow Blue

Select a Teletext page


- Enter the desired page number with the digit keys, the cursor keys up/down, left/right or with the **-P+** key.
- Select the options at the bottom of the screen with the colour keys.

Previously selected page


(Only possible in case there is no list of favourite teletext pages available. See p. 17.)

Press the **P+P** key.

Select the index teletext page

Press the grey colour key  to display the main index (usually p.100).

Only for T.O.P teletext broadcasts :

Press . A T.O.P. overview of the teletext subjects available is displayed.

Select with the cursor up/down, left/right the desired subject and press the **OK** key.


Not all TV channels broadcast T.O.P. teletext.

Select subpages

When a selected teletext page consists of different subpages, a list of available subpages appears on the screen.

Press the cursor left or right to select the next or previous subpage.


Enlarge a Teletext page

Press  repeatedly to display the upper teletext part, the lower teletext part and then to return to the normal teletext page size.

When the teletext page is enlarged, you can scroll the text, line by line using the cursor up/down.

Active screen selection

When in dual screen picture/teletext, enter the desired page number with the **-P+** key, then press the **MENU** key, then select the left screen (with the blue ball at the top).

You can now select a compressed or full screen view of picture/teletext with the  key.

Hypertext

With hypertext you can quickly jump to a pagenumber or search for a specific word shown on the current teletext page.

- 1 Press the **OK** key to highlight the first word or a number on the page.
- 2 Use the cursor up/down, left/right to select any other word or number you want to search for.
- 3 Press the **OK** key to confirm. The search starts. A message appears at the bottom of the screen to indicate the searching, or that the word or page is not found.
- 4 Use the cursor up to exit hypertext.

Teletext menu

(only available in full screen teletext mode)

- 1 Press the **MENU** key to activate the menu.
- 2 Press the cursor up/down to select the menu items.
- 3 Press the cursor right to activate.

Reveal

Reveals/conceals hidden information on a page, such as solutions to riddles and puzzles.
Press the cursor right to activate.

Favourite

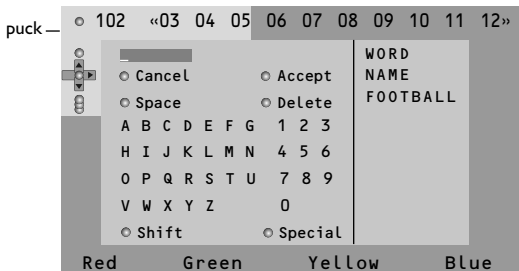
This list contains up to eight favourite teletext pages. Only the pages of the current channel can be selected.

- 1 Press the cursor right to enter the list.
- 2 Press the cursor right again to add the current page or to select one of the favourite pages to the list.
- 3 Press the **MENU** key to watch the page.
- 4 Use the P4P key to browse through the list of favourite pages.

Search

Selecting a word

On the keyboard on screen you can type in a random word you want to search for in the teletext pages. Whether upper- or lowercase is used has no influence.



- 1 Press the cursor right to enter the keyboard.
- 2 Press the cursor left/right, up/down to select the characters, words or functions.
- 3 Press the **OK** key to confirm each character selected.
- 4 Select **Cancel** to cancel the word; **Space** to enter a space; **Delete** to delete the last character selected; **Shift** to switch between lowercase or capital characters; **Special** to display special characters on the keyboard and press the **OK** key.
- 5 Press the cursor left repeatedly to return to the Teletext menu again.

Searching a word

- 1 Type in the word on screen or select a word from the history list on the right and press **OK**.
- 2 Select **Accept** and press **OK** again. The message Searching appears.
- 3 To cancel the searching or to search for a new word, select **Keyboard** and press **OK**.
- 4 When a word is not found, a message appears. When the word is found, it is highlighted in the teletext page. To continue the search, press the ok key.

Cycle subpages (if available)

Makes the subpages cycle automatically.
Press the cursor right to activate and to deactivate again.

Timed page

To display a specific page from a selected TV channel at a certain time.

- 1 Press the cursor right and select **Yes** or **No**.
- 2 Enter the time and pagenumber with the cursor keys or the digit keys.
Note: Teletext does not have to remain switched on, but you should watch the TV channel you have selected the specific page from.
- 3 Press the cursor left to return to the TV menu again.

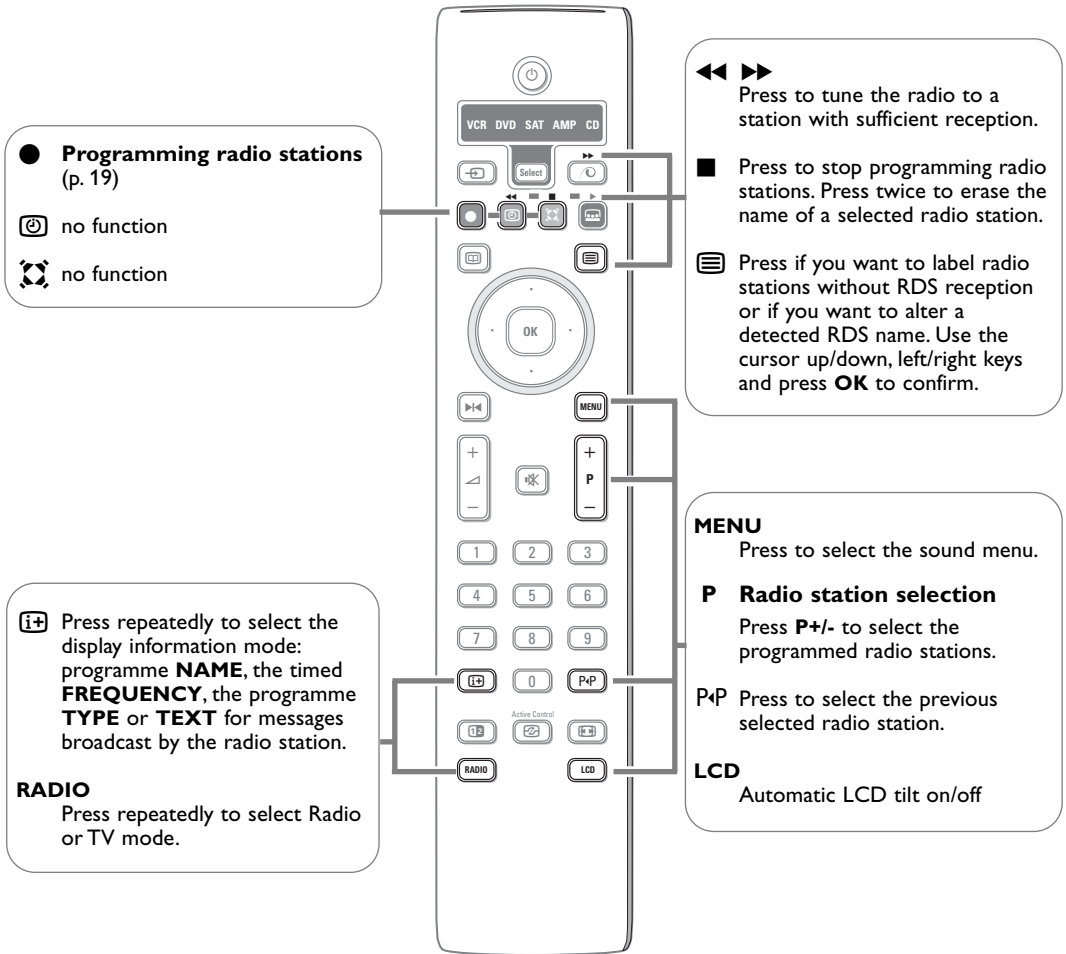
Language

If the displayed characters on screen do not correspond with the characters used by the teletext broadcaster, you can change the language group here.
Select **Group 1** or **Group 2** with the cursor right.

Press the **MENU** key to leave the Teletext menu.

RDS radio function keys

When in RDS radio mode (Remote control info is not available)



Switch to the RDS Radio mode

Press the **RADIO** key on the remote control repeatedly until the RDS Radio mode is selected. The screen is blanked and, if the received radio station transmits RDS data*, the RDS indicator on the display lights up together with the available information about the radio station tuned.

* RDS, Radio Data Systems, is a service that allows FM stations to show additional information. If you are receiving a RDS station, the RDS icon and the station name are displayed.

Tuning to radio stations

To find a new frequency hold down the **◀** or **▶** key on the remote control until the frequency starts to change. The radio automatically tunes to a station with sufficient reception.

If a FM station is received in stereo, **STEREO** is displayed. To tune to a weak station, briefly and repeatedly press the **◀** or **▶** key until you have found optimal reception.

Programming radio stations

You can store up to a total of 50 radio stations.

Automatic programming

Press the ● key on the remote control for about 3 seconds. **SEARCH** is displayed and all the available stations are programmed (overriding all former programmed radio stations). The system will store first the RDS stations with a strong enough signal, then the RDS stations with a weaker signal and finally the non RDS stations.

Note:

- to stop the automatic installation, press the ■ key. All stations before the stop, are stored into the memory.

Manual programming

- 1 Briefly press the ● key on the remote control. The current station number starts flashing and the station name, in case of a RDS station, or the tuned frequency is displayed.
- 2 Hold down the ◀◀ or ▶▶ key to start the search for a new radio station. The search will stop on the next radio station and display the tuned frequency which will eventually be replaced by the detected RDS name.
Note: briefly and repeatedly press the ◀◀ or ▶▶ key to fine tune the frequency if necessary.
- 2 Use the P- or + key or the digit keys to select the station number where you want to store the new radio station.
- 4 Press the ● key to store the new radio station on the selected station number.
- 5 Repeat 1 to 4 to store another radio station.

Note: To stop the manually installation, press the ■ key. Nothing is stored and everything is restored to the radio status just before entering the manual installation mode.

Give name

- 1 Select the station number of the radio station you want to assign a name (for stations without RDS reception) or to change the name.
- 2 Press and hold the ☰ key on the remote control for about 3 seconds. The cursor flashes on the first of 8 characters.
- 3 Press the cursor up/down to change the character.
- 4 Press the OK key to confirm the new name.

Note: To erase a station name:

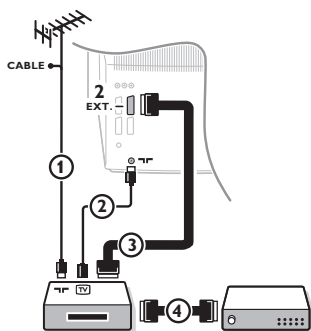
- Select the station number you want to erase the name of.
- Press and hold the ■ key for about 3 seconds.
- the message **DELETED** appears and the RDS name or the frequency is displayed.

Connect Peripheral Equipment

There is a wide range of audio and video equipment that can be connected to your TV. The following connection diagrams show you how to connect them.

Note: **EXT. 1** can handle CVBS and RGB, **EXT. 2** CVBS, RGB and Y/C, **EXT. 3** and **EXT. 4** only CVBS. It is preferred to connect peripherals with RGB output to **EXT. 1** or **2** as RGB provides a better picture quality. If your recorder is provided with the EasyLink function, it should be connected to **EXT. 2** to benefit from the EasyLink functionality.

Recorder (VCR-DVD+RW)



Connect the aerial cables ①, ② and, to obtain the optimum picture quality, eurocable ③ as shown.

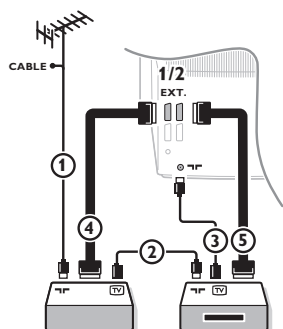
If your recorder does not have a euroconnector, the only possible connection is via the aerial cable. You will therefore need to tune in your recorder's test signal and assign it programme number 0 or store the test signal under a programme number between 90 and 99, see Manual installation, p. 7.

See the handbook of your recorder.

Decoder and Recorder

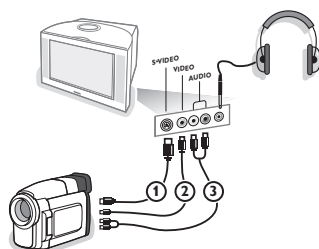
Connect a eurocable ④ to your decoder and to the special euroconnector of your recorder. See also the recorder handbook. See Decoder, p. 10. You can also connect your decoder directly to **EXT. 1** or **2** with a eurocable.

Other equipment (satellite receiver, decoder, DVD, games, etc.)



- ① Connect the aerial cables ①, ② and ③ as shown (only if your peripheral has TV aerial in-/output). Connect your equipment with a eurocable ④ or ⑤ to one of the euroconnectors **EXT.1, 2, 3** or **4** to obtain a better picture quality.
- ② Look for the test signal of your peripheral in the same way as you do for a recorder.
- ③ Make a selection in the Setup, Source menu, p. 10.



Side connections



Camera or Camcorder

- ① Connect your camera or camcorder as shown.
- ② Connect to **VIDEO** ② and **AUDIO L** ③ for mono equipment. For stereo equipment also connect **AUDIO R** ③. S-VHS quality with an S-VHS camcorder is obtained by connecting the S-VHS cables with the S-video input ① and audio inputs ③. Do not connect cable ① and ② at the same time. This may cause picture distortion !

Headphone

- ① Insert the plug into the headphone socket  as shown.
- ② Press  on the remote control to switch off the internal loudspeakers of the TV. The headphone impedance must be between 8 and 4000 Ohm. The headphone socket has a 3.5 mm jack. In the Sound menu select **Headphone volume** to adjust the headphone volume.

Connect extra loudspeakers/amplifier

REAR multimedia loudspeakers


- 1 Select **Surround speakers On** in the Setup menu, see p. 8.
- 2 Connect the audio cables to the rear loudspeakers and to the Dolby Surround output **SURROUND OUT** at the back of your TV. There is only one output for both speakers.
- 3 Adjust the volume of the rear loudspeakers. Use the Test tone function in the Speakers menu, see p. 8.

Note: Once you have adjusted the volume of the rear loudspeakers, do not change it while watching TV as the whole configuration operates with the volume adjustment of your TV.

(Analogue) Multichannel surround receiver

- 1 Connect a MultiChannel surround receiver to the **AUDIO OUT R** and **L** connectors at the back of your TV.
- 2 If you want the loudspeakers of your TV to act as centre speaker, also connect an audiocable to the MultiChannel surround receiver **CENTRE OUT** connector and to the **CENTRE IN** connector at the back of your TV.
- 3 Select **Centre input On** in the Source menu. See p. 10. The loudspeakers of the TV will now only produce centre sound.
- 4 If necessary, adjust the volume level of the centre sound in the **Centre in volume** menu item of the Source menu. The overall volume has to be controlled via the MultiChannel surround receiver.

To select connected equipment

Press the  key on the remote control repeatedly to select **EXT1**, **EXT2**, **EXT3**, **EXT4** or **SIDE** according to where you connected your equipment at the back or the right side of your TV.

Remark : Most equipment (decoder, recorder) carries out the switching itself, when it is switched on.

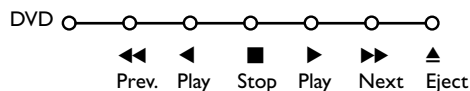
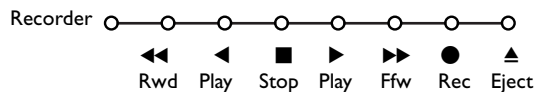
Cinema Link surround receiver

See the separate supplied Cinema Link instruction manual.

Attention: the sound info on screen will not correspond with the actual sound reproduction.


Recorder or DVD with EasyLink

The recorder (VCR or DVD+R(W)) or DVD can be operated with the remote control via the **Recorder** or **DVD** menu on screen.



- 1 Press the **MENU** key on the remote control.
- 2 Select the **Recorder** or **DVD** menu with the cursor up/down.
- 3 Press the cursor left/right, up/down to select one of the recorder or DVD functions.

The key ● for recording can be operated in the TV mode.

If your EasyLink recorder has the system standby function, when you press the  key for 3 seconds, both TV and the recorder are switched to standby.

Audio- and Video equipment keys



Most of the audio and video equipment from the Philips range of products can be operated with the remote control of your TV.

Press the **Select** key to operate any of the equipment indicated in the display. Another device can be selected by pressing **Select** repeatedly within 2 seconds. The led will blink slowly to indicate the device.

Press one of the keys on the remote control to operate the peripheral equipment.

To return to TV mode press **Select** while the led is blinking.

When no action is taken within 60 seconds, the remote goes back to TV mode.

*Note: When the **Select** key is pressed and hold for more than 2 seconds, the RC5/RC6 system select command is transmitted.*

- | | | | |
|--|---|---------------|--|
| | to switch to standby | MENU | to switch the menu on or off |
| | for pause (VCR, DVD, CD) | - P + | for chapter, channel, track selection |
| | for record, | 0 to 9 | digit entry |
| | for rewind (VCR, CD);
search down (DVD, AMP) | P/P | tape index (VCR),
select a DVD chapter,
select a frequency (AMP) |
| | for stop | | VCR timer |
| | for play | | surround on/off (AMP, CD) |
| | for fast forward (VCR, CD);
search up (DVD/AMP) | | cursor up/down
to select the next or the
previous disc (CD) |
| | to select your choice of
subtitle language (DVD);
RDS news/TA (AMP);
to shuffle play (CD) | | cursor left/right
to select the previous or
following track (CD)
search up/down (AMP) |
| | to select a DVD title;
RDS display (AMP);
info on screen (CD) | | |
| | display information | | |

Selecting submodes for DVD+RW, SAT, CDR

- 1 The remote control should be in TV mode.
- 2 Press the **OK** key together with
 - digit 1: **DVD** mode is selected
 - digit 2: **DVD+RW** mode is selected
 - digit 3: **SAT (RC5)** mode is selected
 - digit 4: **SAT (RC6)** mode is selected
 - digit 5: **CD** mode is selected
 - digit 6: **CD-R** mode is selected.

Record with your recorder with EasyLink

In TV mode, it is possible to start a direct recording of the programme which is being displayed on the TV screen.

Continue to press the record key on the remote control for more than 2 seconds.

Note:

Switching programme numbers on your TV does not disturb recording !

*When recording a programme from a peripheral connected to **EXT. 1, 3, 4** or **SIDE** you can not select another TV programme on the screen.*

Tips


Care of the screen	Clean the TV with a slightly damp soft cloth. Do not use abrasive solvent as it can damage the TV screen.
Poor Picture	<ul style="list-style-type: none"> • Have you selected the correct TV system in the manual installation menu? • Is your TV or house aerial located too close to loudspeakers, non-earthed audio equipment or neon lights, etc.? • Mountains or high buildings can cause double pictures or ghost images. Sometimes you can improve the picture quality by changing the direction of the aerial. • Is the picture or teletext unrecognisable? Check if you have entered the correct frequency. See Installation, p. 7. • Are brightness, sharpness and contrast out of adjustment? Select Factory settings in the Setup, General menu, p. 9. • Sometimes poor picture quality is possible when having activated an S-VHS camera or camcorder connected to the right side of your TV and another peripheral is connected to one of the externals at the same time. In this case switch off one of the other peripherals.
Digital distortion	The low quality of some digital picture material may be the cause of digital image distortion. In this case select the Soft setting using the Picture menu, Smart Picture, without changing the picture settings manually.
No picture	<ul style="list-style-type: none"> • Is the aerial connected properly? • Are the plugs tightly connected in the aerial socket? • Is the aerial cable in good condition and does it have suitable plugs? • Press the RADIO key on the remote control to switch to TV mode.
No sound	<ul style="list-style-type: none"> • No sound on any channel? Check the volume isn't at minimum. • Is the sound interrupted with the mute key ? Check if your speaker configuration corresponds with the selections made in the Setup menu, Speakers, p. 8. • No sound from the connected audio receiver? Select Centre input Off in the Source men, see p. 10.
No Surround sound	<ul style="list-style-type: none"> • Perhaps the channel is not broadcasting good quality surround sound. • No sound from the rear speakers or the centre speakers? Select an appropriate surround mode, according to the broadcasted sound signal or adjust the volume. See Surround Modes, p. 12.
No solution found for your picture or sound problem ?	Switch your TV off and then on again once. Never attempt to repair a defective TV yourself. Check with your dealer or call a TV technician.
Menu	Have you selected the wrong menu? Press the MENU key again to exit from the menu.
NEXTVIEW	<p>No NEXTVIEW info: See Acquisition and updating of NEXTVIEW information, p. 15.</p> <p>Displayed time is wrong: The broadcaster on programme number one does not transmit the correct local date and time. Use Reshuffle in the installation menu to place another broadcaster on programme number one.</p>
Remote control	<ul style="list-style-type: none"> • If your TV no longer responds to the remote control, the batteries may be dead. • Check if the remote control is in the correct mode. • You can still use the MENU key and the -/+ keys at the top of your TV.
Standby	Your TV consumes energy in the standby mode. Energy consumption contributes to air and water pollution. Power consumption: 1 W.

Table of TV frequencies.

Frequenztable der Fernsender.
Liste des fréquences des émetteurs.
Frequentietabel TV-Zenders.
Tabela delle frequenze delle trasmissioni.
Lista de las frecuencias de las emisoras.
Lista das frequências dos emissores.
Lista 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 vysílači.
Zoznam frekvencných pásiem vysielacov.

EUROPE

Table with 2 columns: CH., FREQ. (MHz). Lists frequencies for Europe from 48.25 to 855.25 MHz.

E-EUROPE

Table with 2 columns: CAN., FREQ. (MHz). Lists frequencies for E-Europe from 49.75 to 855.25 MHz.

FRANCE

Table with 2 columns: CAN., FREQ. (MHz). Lists frequencies for France from 55.75 to 855.25 MHz.

ITALY

Table with 2 columns: CAN., FREQ. (MHz). Lists frequencies for Italy from 53.75 to 855.25 MHz.

GB

The frequencies used by a cable company may differ from the frequencies on the table. Consult your cable company or your dealer for detailed information.

D

In Kabelfernsehanlagen können Abweichungen von den in den Frequenztabellen aufgeführten Frequenzen vorkommen. Bitte wenden Sie sich an Ihren Fachhändler oder Ihre Kabelfernsehgesellschaft, die Ihnen die zutreffenden Frequenzen mitteilt.

F

Les fréquences utilisées par une société de télédistribution peuvent être différentes de celles sur la liste des fréquences. Consultez votre société de télédistribution ou votre revendeur pour des informations plus détaillées.

NL

De frequenties die gebruikt worden door een kabelmaatschappij kunnen verschillen van deze op de tabel. Raadpleeg uw kabelexploitant of uw handelaar voor meer informatie.

I

Le frequenze usate per una società di teledistribuzione possono essere differenti di quelle nella tabella. Consultate la società di teledistribuzione o il vostro rivenditore per informazione specifica.

E

Las frecuencias utilizadas por las empresas de distribución de señal por cable, pueden ser diferentes de las que se encuentran en esta tabla. Consulte con su compañía de distribución de televisión por cable o con su distribuidor para que le proporcionen una información más detallada.

P

As frequências utilizadas por uma sociedade de teledistribuição podem ser diferentes das indicadas na lista de frequências. Consultar a sociedade de teledistribuição ou o vendedor para informações mais detalhadas.

DK

Frekvenser benyttet af kabel operatør kan være afvigende fra disse, kontakt deres kabel operatør eller forhandler for nærmere information.

N

Frekvensene som benyttes pa et kabelnett kan avvike fra de som er oppført i tabellen. Kontakt ditt kabel-TV selskap eller din forhandler for nærmere opplysninger.

S

Frekvenserna som används i kabel-TV-näten kan avvika från frekvenserna i tabellen. Kontakta ditt kabel-TV-bolag eller din radiohandlare för vidare information.

SF

Kaapeliyhtiöiden käyttämät taajuudet voivat poiketa taulukossa olevista taajuuksista. Tarkat tiedot saat kaapeliyhtiöstä tai myyjältä.

GR

Οι συχνοτήρες που χρησιμοποιούνται από μια εταιρεία τηλεμετάδοσης είναι δυνατόν να είναι διαφορετικές από αυτές που περιέχει ο κατάλογος. (Συμφουλευθείτε την εταιρεία τηλεμετάδοσης ή τον πωλητή για λεπτομερέστερες πληροφορίες).

CEI

Частоты на которых передаёт телекомпания могут отличаться от частот на данной таблице. (Обратиться к Вашей телекомпании или Вашему продавцу за дополнительной информацией).

H

Egy televízió-adóállomás sugárzások használt frekvenciatarományai lehetnek a táblázatban közöltéktől eltérőek is. (Abban az esetben, ha bővebb információkra van szüksége, forduljon az eladóhoz.)

PL

Operator sieci telewizyjnej może stosować inne częstotliwości, niż te, które figurują na tablicy (bardziej szczegółowych informacji na ten temat zasięgnać u operatora lub sprzedawcy).

CZ

Frekvence používané některými televizními společnostmi se mohou lišit od údajů uvedených v tomto seznamu. Informujte se blíže u příslušné společnosti nebo v prodejně, kde jste televizor koupili.

SK

Frekvence používané některými spoločnosťami televízneho prenosu sa môžu líšiť od údajov uvedených v tomto zozname. Informujte sa bližšie u príslušnej spoločnosti alebo v predajni, kde ste televizor kúpili.



Printed in Belgium

