Contents

English

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:

Product No:
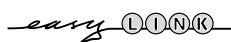
easy LINK

*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**.
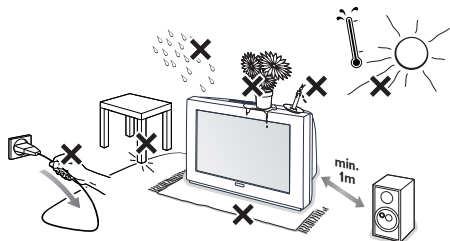**! This TV weighs 56 kg !**

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.
Keep mobile telephones at a safe distance to avoid disturbances in picture and sound.

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.
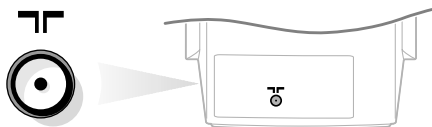
③ Remote control: Remove the cover of the battery compartment.
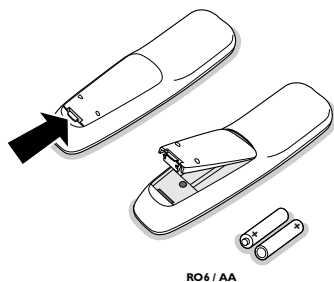
RO6 / AA

Insert the 2 batteries supplied (Type R6-1,5V).
The batteries supplied do not contain the heavy metals mercury and cadmium. Nevertheless in many countries exhausted batteries may not be disposed of with your household waste. Please check on how to dispose of exhausted batteries according to local regulations.

Note: this remote control functions with TVs and other equipment which use the RC5 or RC6 signalling standard.

④ **Insert the mains plug of the TV** in the wall socket having a mains voltage of 220V-240V.
To prevent damaging the mains (AC) cord which could cause a fire or electric shock, do not place the TV on the cord.

⑤ **Switch the TV on** : Press the power switch ① on the front of your TV.
A green indicator on the front of the TV lights up and the screen comes on.
If the indicator is red (orange when acquiring NEXTVIEW information, see p. 17), press the **- P +** keys on the remote control.

The green indicator blinks every time you press a key on the remote control.
*When you switch on your set for the first time, the menu **Language** automatically appears on the screen. The explanation appears in different languages one at a time. Choose your own language and press the **OK** key on the remote control.*

Wireless transmitter module
Your TV has been prepared and equipped to connect a wireless transmitter module with an integrated cable and wireless surround sound loudspeakers.
Select the correct type of transmitter in the Setup menu, Speakers, Wireless transmitter, p. 9. Default 864 MHz (for the 32PW8907/12 and /05) or 433 MHz (for the 32PW8907/58) has been selected at the factory.
How to connect and to operate, see the appendix to this manual, p. 33.

Installation

Your remote control

Use the on-screen info for more information about the different keys. See p. 6.

MODE   See p. 31.

TV/DVD To switch between TV and DVD mode.

⊡ **Select peripherals**
Press this key to select **EXT1**, **EXT2**, **EXT3** or **SIDE**, according to where you connected the peripherals. (p. 30).

DVD disc **MENU**   See p. 22

MENU   Main menu   on/off
              see p. 12

OK Press this key to activate your choice, when in the menus.

▥ **Cinema Go**
Press for 2 seconds to activate. See separate Cinema Link instruction manual supplied.

Cursor keys up/down left/right

⊿ Volume
Press + or - to adjust the volume.

⊠ **Mute**
Interrupt the sound or restore it.

P Programme selection
To browse through the TV channels and sources stored. Only those channels which are in the favourite list can be selected with the **- P +** keys.
When in DVD mode, use the **- P +** keys to browse through DVD chapters or audio tracks.

⏻ Standby
Press to switch the TV on or off.
If your EasyLink video recorder has the system standby function and you press the standby key for 3 seconds, both the TV and video recorder are switched to standby.

▤ Teletext
     on / Dual screen / off. See p. 18

DVD player **SETUP**   See p. 24

● ◀◀ ■ ▶ ▶▶ ❚❚
Play control keys
Used for DVD player or external equipment.   See p. 31

Colour keys See p. 15 and p. 18

I▶ **RESUME key**   See p. 22

▶I◀ **Freeze**
To activate/de-activate the frozen picture. See also p. 19

0/9   Digit keys
To select a TV channel, DVD chapter or audio track.
For a two digit number, enter the second digit within 2 seconds.
To switch immediately to a selected one digit TV channel, keep the digit key pressed a bit longer.

T/C Title / Chapter
To summon and switch between the title and chapter menu in DVD mode.

P◀P Smart surf   (See General, Smart surf, p. 10.)
Press this key to select the previously viewed TV channel or source in case of a 2 programme surf. In case of a 9 programme surf, a list appears at the right side of the screen. On top, the most recent programme is displayed. The puck is on the channel number currently viewed.
Press the P◀P key to turn to the next channel in the list or press cursor up/down to immediately select the desired TV channel of the list.
• To add a new channel or source: tune to the channel or source you wish to add. Press the P◀P key. Press the cursor right to add. If there are already nine channels/sources in the list, the one at the bottom of the list will be removed.
• To remove a channel or source: select the channel number you want to remove. Press the P◀P key. Press the cursor right to remove.
Press the **OK** key or wait for the time out to dismiss the Smart surf display.

Your remote control   3

♪ **Smart Sound**

Each time it is pressed, a different sound setting is selected, corresponding with specific factory settings of treble and bass.

▢ **Smart Picture**

Each time it is pressed, a different picture setting is selected, corresponding with specific factory settings of Contrast, Colour, Sharpness, Dynamic Contrast and Colour enhancement.

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

⟨⟩ **Surround mode**

Press this key repeatedly to select another available surround mode: Stereo, Dolby 3 Stereo, 3D Surround, Hall or Dolby Pro Logic.   See p. 13

▭ **NEXTVIEW/Teletext guide** on / Dual screen / off. See p. 15

⏲ **Time display**
The time is displayed on the screen.

SUBTITLE selection
To change the subtitle language while playing a DVD. See p. 22

AUDIO   Audio track selection
To change the audio track while playing a DVD. See p. 22

i+ Screen information

Press to display information about the selected TV channel and programme, and when in DVD mode to display the status window.

Menu information
When the TV menu is on screen, press i+ to display info on the selected menu item. While the menu info is displayed, press any key to display remote control info.
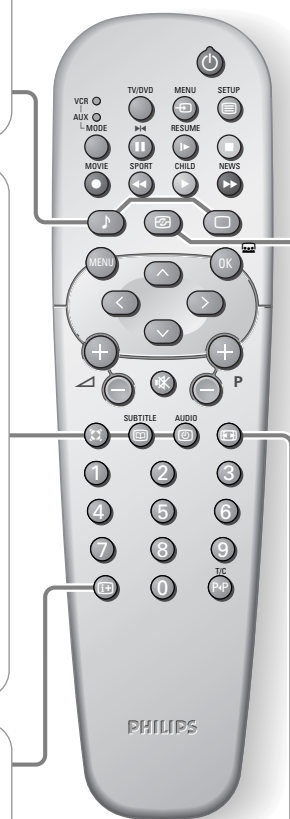
⧉ **Active control**

Active control is a pro-active and automatic system. The TV continuously measures and corrects all incoming signals in order to provide the best picture possible. Thanks to the Ambient Light Sensor which measures the light conditions of the room, the contrast, dynamic contrast, brightness and colour picture settings are adjusted automatically. The light sensor is active when the Active control function is switched to Medium or Maximum. Press the ⧉ key repeatedly to select the Active Control values Off, Minimum, Medium (recommended) or Maximum.

Off   Sharpness and Dynamic Contrast are controlled automatically

Minimum Sharpness, Dynamic Contrast and Noise Reduction are controlled automatically.

Medium Dynamic Contrast, Colour, Sharpness and Noise reduction are controlled automatically.

Maximum Contrast, Dynamic Contrast, Colour, Sharpness and Noise reduction are controlled automatically.

Press the cursor right to select **INFO+**.
The Active Control demo menu appears.
The picture settings are being adapted continuously and automatically.
The menu items cannot be selected. The sliders will be moving, showing how the TV is tweaking the current picture. None of the sliders is user controllable.
Press the **OK** key to switch off the Demo.

⊞ **Picture format**

Press this key to summon a list of **available** picture formats.
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, 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. 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 programs with minimal distortion.
When in Movie Expand 14:9, 16:9 or Super zoom picture format, you can make subtitles visible with the cursor up/down.

4   **Your remote control**

Use of the menus and the menu system
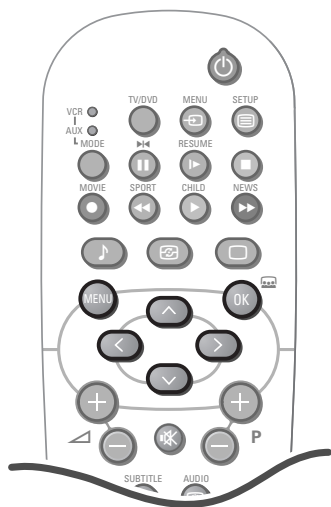
Attention: point the remote control to the indicator of the TV.

1 Press the **MENU** key to summon the main menu.
Which items appear in the main menu depends on the peripherals connected. In case of an EasyLink VCR, the menu item **Recorder** is present,
In case of a Cinema Link audio receiver, the menu item **Receiver** is present. See the separate Cinema Link booklet supplied.
*Note: The Main menu only contains the item **Exit** to dismiss the menu, when you switch on your TV for the first time, or when the Main menu is summoned with the **MENU** key on top of the TV.*

2 Use the cursor up/down to select the **TV**, **(Recorder)**, **(Receiver)**, **Setup, Demo** or **Install** menu.
Note: Sometimes not all the menu items are visible on the screen. Press the cursor down 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.

5 Press the **MENU** key again to turn off the main menu.

The menu system
Pipes, balls and a puck
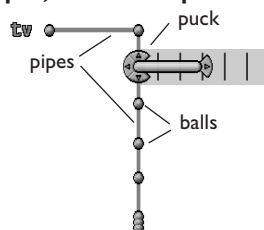
The hierarchy of menus and controls is represented by an animated visual mechanism of pipes, balls and a puck. The animated mechanism constantly shows the current whereabouts and continually expands the view of the immediate neighbourhood.

The puck surrounds the ball indicating the user's current position in the menu hierarchy.
The puck is always present when the menu system is displayed.
The puck is divided into 4 parts. They correspond to the directional controls (up/down, left/right) on the remote control. The arrows on the cursor indicate which directions to choose.
In this way users can navigate through the menu hierarchy to the control they wish to adjust.

When items are more numerous than can fit comfortably on the TV display, only a portion are shown. Those omitted are indicated by a cluster of balls which indicates that there are 'more' items.

Direct selection and control

Menu items are controlled as soon as they are selected by the puck. Only a few items require confirmation with the **OK** key.

List controls
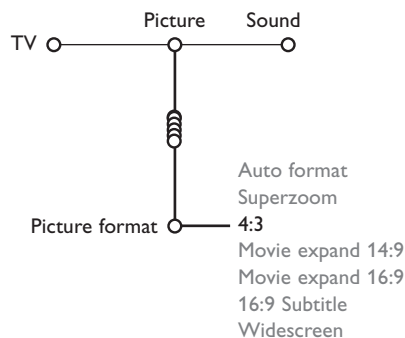
A list control is used to select one or more items from a list of options.
For instance, the Picture format option list with 4:3, Movie expand 14:9, etc.
Press the right key to move the puck into the list. At least one item is the current value and is highlighted.
Moving the puck up or down with the up/down key causes the list to move down or up.

Installation   5

Menu info / Remote Control info

MENU

[i+]

Menu Info

1 Press the **MENU** key and select a menu item or submenu item.

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

3 Press the [i+] key again to exit.

Remote Control Info

1 Press the **MENU** key.

2 Press the [i+] key.

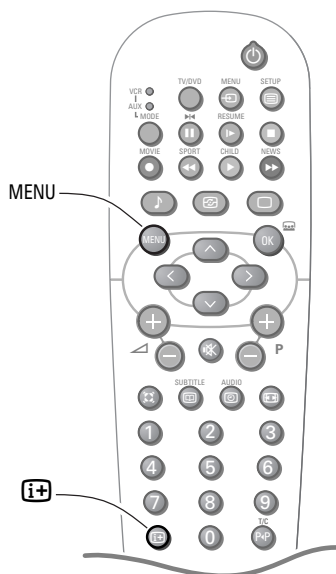**3** Press any key on the remote control (except the cursor keys, the OK, the **MENU**, the digit, the [i+] and the ⏻ keys) and you get information about the pressed key. The normal function of the key is not executed.
The moment one of the remote control keys which do not invoke remote control info, is pressed, remote info is cancelled.

4 Press the [i+] key to display the menu that was on screen before a remote control key for info was pressed.

Select the menu language

Language

Install

English
Deutsch
Français
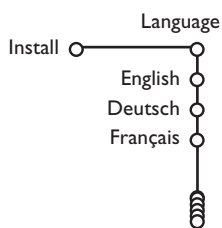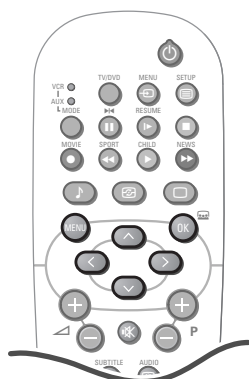
1 Press the **MENU** key on the remote control.

*When you switch on your TV for the first time and no channels are stored so far, the menu Language automatically appears on the screen. This menu also has an additional item **exit** with which the menu can be dismissed. The explanation appears in different languages, one at a time. Choose your preferred language and press the **OK** key on the remote control. Proceed with the Install menu. The menu language in DVD mode is automatically adapted (except for Russian and Greek, see note).*

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 Proceed with the **Install** menu.

Note: For Russian and Greek TV menu language, which are not available in DVD mode, proceed as follows:
*• For the DVD player menu language, select your preferred language (except Russian or Greek) in the TV Language menu and press **OK**.*
*• For the TV menu language, now select Greek or Russian and press **OK**.*

Select the country

Country

Install

Austria
Belgium
Croatia
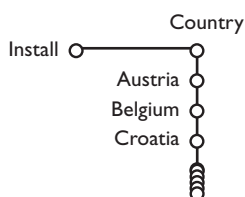
1 Use the cursor right to select **Country**.

2 Select the country where you are now located and press the **OK** key.
Select **Other** when none of the countries applies.

3 Proceed with the **Install** menu.

6   **Installation**

Store TV channels

Automatic installation
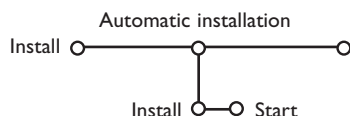
You can now search for and store the TV channels in two different ways: using Automatic Installation or Manual Installation (tuning-in channel by channel).
Select your choice with the cursor right.

After the new or extra TV channels have been stored, the TV automatically transfers those TV channels to the video recorder if it is equipped with the EasyLink function. The message EasyLink: downloading ...... appears on the screen. The programme list of the video recorder is now the same as the one of the TV.

Automatic installation

❶ Select **Automatic installation** 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. 14.)

❷ Press the cursor down.
The autoprogramming option label **Start** appears.

❸ Press the cursor right.

❹ The message **Searching** appears and the progress of autoprogramming is displayed. When the Automatic installation is complete, the puck navigates to Install again.

If a cable system or a TV channel which broadcasts ACI (Automatic Channel Installation) is detected, the search is stopped and the 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

Manual installation
Install
Selection mode
System
Programme
Search
Fine tune
Store
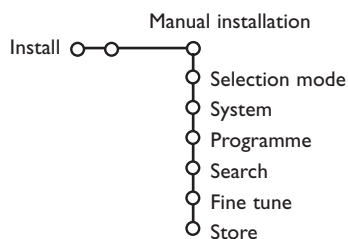
Searching for and storing TV channels is done channel by channel. You **must go through every step** of the Manual Installation menu.

❶ Select **Manual installation** in the Install menu.

❷ 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 digits of the frequency directly with the digit keys 0 to 9 (e.g. 048). Press the cursor down to proceed.*

Repeat to search for another TV channel.

Installation   7

Give name

Give name

○———————○
│
○ VCR1   ◄●►   ● Space   ● Delete
│
○ BBC1   A B C D E F G   1 2 3
│
○ BBC2   H I J K L M N   4 5 6
│
○ CNN   O P Q R S T U   7 8 9
│
○ TVE   V W X Y Z   0
│
○ ►.....   ● Shift   ● Special
│
○
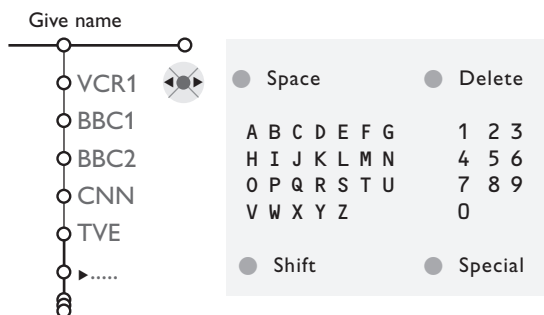
It is possible to change the name stored in the
memory or to assign a name to a TV channel for
which a name has not yet been entered. A name
with up to 5 letters or numbers can be given to
the programme numbers 0 to 99. For example
SUPER, BBC1,...   Before programme number 0 you
can also enter a name for the peripherals that are
connected to a euroconnector.

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

❷ Select the programme number.
*Note: keep the cursor up/down pressed to scroll
through the programme list and to avoid that the
TV tunes to each channel passed by.*

❸ 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 undercast
characters on the keyboard; **Special** to
display special characters on the keyboard.
Press **OK** to confirm.

❹ Press the cursor left repeatedly when you
have finished the name giving of the selected
channel or peripheral.

❺ Select another programme number and
repeat steps ❸ to ❹ .

Reshuffle the programme list

According to your preference you **can**
change the order of the stored TV channels.

❶ Select **Reshuffle** in the **INSTALLATION**
menu and press the **OK** key.

❷ Follow the instructions on screen.

Select Favourite TV channels

❶ Select **Favourite programmes** in the
Install menu.

❷ Select your programme number with the
cursor up/down.

❸ Select **Yes** or **No** with the cursor right.

❹ Repeat ❷ and ❸ for every TV channel or
external you want to make a favourite or a
non-favourite TV channel or external.

Install TV Setup

Speakers General Source Decoder
Setup ○———————○————○————○————○
         │
Test tone ○
Front left volume ○
Front right volume ○
Centre volume ○
(Surround volume) ○
(Centre mode) ○
Surround speakers ○
(Wireless surround) ○
(FM transmitter) ○
Auto surround ○
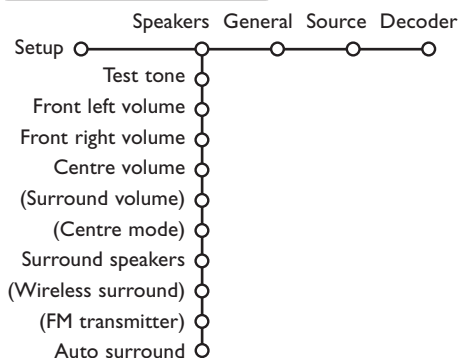
The Setup menu contains items that control the
settings of the TV's functions, features, services
and peripherals you may have connected.

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
and/or to name each input source.
The **Decoder** menu allows you to define one or
more programme numbers as decoder
programme numbers.

8   **Installation**

Speakers

The menu allows you to set up the various speakers in order to receive the full Dolby Surround sound capabilities.

• via the TV and its internal Front Right, Centre and Left speakers and two amplified rear surround speakers connected to the back of the TV;

• or via the Variable Line Out connectors and an external Dolby amplifier. See Extra Loudspeakers / Amplifier, p. 29.

Select the various Speakers menu controls to setup the configuration of the TV's speakers system for Dolby audio playback.
Each volume control can be adjusted to match test tone levels.
Depending on the output and Surround mode (see Main Menu, TV, Sound, Surround mode, p. 13) selected, some menu items may be greyed out and are not selectable.

Availability of Speaker menu items

	Stereo	3 Stereo	3D Surround	Hall	Pro Logic
Test tone	•	•	•	•	•
Front left volume	•	•	•	•	•
Front right volume	•	•	•	•	•
Centre volume		•	•		•
Surround volume				•	•
Centre mode	•	•	•	•	•
Surround speakers				•	•

Test tone

The menu item **Test tone** enables you to adjust the volume level of each speaker until they are balanced.

1 Select **Test tone**.

2 Press the cursor right.

3 Select **On** or **Off** with the cursor up/down. Once turned on, the Test Tone will circulate through the Left, Centre, Right and both Rear surround speakers (if present).

4 Press the cursor left.

5 Press the cursor up/down to select the desired speaker for individual volume level adjustment.

6 Press the cursor left/right to adjust the volume level.

7 Continue and select the other speakers for adjustment as desired.

8 Press the cursor up to return to the **Test Tone** menu item when speaker adjustments are complete and turn the control **Off**.

Volume controls

Center Mode
See Connect Peripheral Equipment, Extra Loudspeakers / Amplifier, p. 29.
If no External Front Speakers are connected, do not change the predefined factory settings which is **Center Mode Off**.
If External Front Speakers are connected, select **Center Mode On**.
In this setting, the center channel in surround mode is directed to all three internal TV speakers (left, centre and right).

Surround Speakers
See Connect Peripheral Equipment, Extra Loudspeakers / Amplifier, p. 29.
If no Surround Speakers are connected do not change the predefined factory settings which is **Off**.
If Surround Speakers are connected select **On**.

Wireless Surround
Only operational when you connected a wireless transmitter module and wireless surround sound loudspeakers. See: Wireless Surround speaker system, p. 33.

FM transmitter
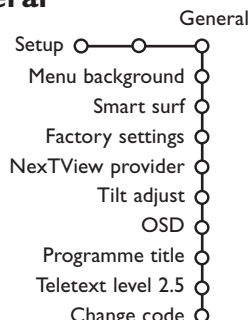Select the correct type of transmitter, when connected at the rear of the TV. See Wireless surround speaker system, p. 33.

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

General

Setup ○──○──○
Menu background ○
Smart surf ○
Factory settings ○
NexTView provider ○
Tilt adjust ○
OSD ○
Programme title ○
Teletext level 2.5 ○
Change code ○

Menu background

1 Select **Menu background**.

2 Press the cursor right.

3 Select **Yes** or **No** to turn the Menu background on or off.

Smart surf

1 Select **Smart surf**.

2 Select **2 programmes** or **9 programmes** 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.
Select **9 programmes** if you want the P◄P key to summon a list of up to 9 channels which can be selected. (See Use of the Remote Control, p. 3.)

Factory settings

This function allows you to reset most of the picture and sound settings to their predefined factory values.

1 Select **Factory settings**.

2 Press **OK** to erase settings and reset them to their default values.

NexTView provider

Select a TV broadcaster that provides NEXTVIEW data.
How to make use of NEXTVIEW, see p. 15.

Tilt adjust

Select **Tilt adjust**.
Keep the cursor left/right pressed to adjust the rotation of the picture.

OSD (On Screen Display)

1 Select **OSD**.

2 Press the cursor right to select **Normal** or **Minimum**.
Normal to activate the continuous display of the programme number and extended display of TV channel and programme information on screen.
Minimum to activate the display of reduced channel information.

10   **Installation**

See Use of the Remote Control, p. 3, ⌷⊞ On screen information.
Note: When Subtitles is switched on, see Features, p. 14, continuous display of the programme number is not possible.

Programme title

1 Select **Programme title**.

2 Press the cursor right to select **Programme title Yes** or **No**.
When selected **Yes**, after the selection of a TV programme or after pressing the ⌷⊞ key on the remote control, a TV channel which broadcasts teletext may transmit the name of the TV channel or the programme title. When selected **No**, the programme title will only appear after pressing the ⌷⊞ key, and not after the selection of a TV channel.

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**.

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

Change code

The Child lock feature (see TV, Features, p. 14) allows you to lock channels to prevent children from watching certain programmes. To watch locked channels, you need to enter an access code.
The **Set/Change code** menu item allows you to create or change a Personal Identification Number (PIN).

1 Select **Set/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.
All number combinations from 0000 to 9999 are valid numbers.

3 The **General** menu reappears with a message confirming that the code has been created.

Important: You have forgotten your code !

1 Select **Set/Change code** in the General menu.

2 Press **OK**.

3 Press the cursor right.

4 Enter the overriding code 8-8-8-8.

5 Press the cursor again and enter a new 4-digit code to replace the previous code.

Source

```
                    Source
Setup O———O———O———O
                  O EXT1
                  O EXT2
                  O EXT3
                  O SIDE
                  O (Centre input)
```
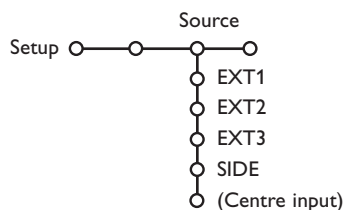
This menu allows you to select the peripheral you connected to one of the external inputs.
**1** Select **Source**.
2 Press the cursor down to select one of the external inputs.
3 Press the cursor right to enter the list of types of peripherals attached to the selected input.
4 Select the peripheral device with the cursor up/down.

Once you have selected the source, e.g. VCR, this source will automatically be selected when your remote control is in VCR mode, see p. 31, and when you press the ⊟ key on the remote control.

Centre input

When you have connected a Cinema Link audio receiver to the TV (See separate Cinema Link instruction manual) and you have selected one of the external inputs as centre input, the loudspeakers of the TV will act as centre speaker, making a separate centre speaker unnecessary.
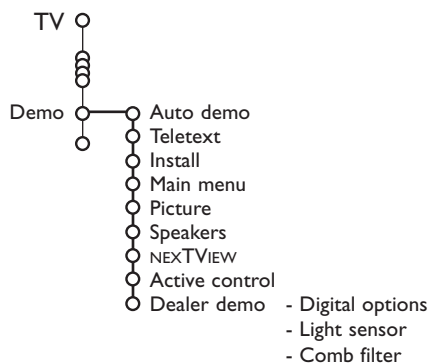
Decoder

```
                    Decoder
Setup O———O———O———O
                  O Programme
                  O Status
```
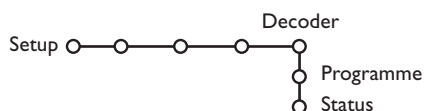
If a decoder or a descrambler is connected, see p. 27, you can define one or more programme numbers as decoder programme numbers.

1 Select **Decoder** with the cursor right.
2 Select **Programme** with the cursor down.
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.

Demo

```
     TV O
        8
Demo O——O Auto demo
     O    O Teletext
          O Install
          O Main menu
          O Picture
          O Speakers
          O NEXTVIEW
          O Active control
          O Dealer demo   - Digital options
                          - Light sensor
                          - Comb filter
```

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

1 Select **Demo** in the Main menu with the cursor down.
2 Select **Auto demo** or one of the features with the cursor right and press the **OK** key on the remote control.
If **Auto demo** has been selected the demo will automatically present all 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 disappear.

Select Digital options, Light sensor and Comb filter On or Off

Select one of the Digital options, Light sensor and Comb filter On or Off to really see the difference in picture quality.
In Dealer demo mode it is possible to change channels with **- P +** and to adjust the volume.
Note: The Dealer demo is not part of the automatic sequence and can only be activated separately.

Installation 11

TV menu
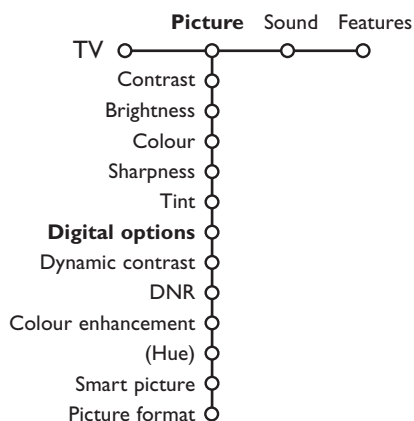
Press the **MENU** key on the remote control.
Use the on-screen Menu-Info, see p. 6, for more information
about the menu items.

*Note: When the main menu is accessed from the keypad on top of
the TV, it has an additional Exit item to dismiss the menu.*

Picture menu

Picture Sound Features

TV

Contrast
Brightness
Colour
Sharpness
Tint
Digital options
Dynamic contrast
DNR
Colour enhancement
(Hue)
Smart picture
Picture format

Press the cursor right to select **Picture**.
Select the menu items in the Picture menu with the cursor
up/down. 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. 10.*

Digital options

Although Digital Natural Motion is the most ideal setting, it
may be preferable, dependent on your own preference, to
select Double lines, or 100Hz Digital Scan.

• **100Hz Digital Scan** = 100 Hz + Digital Scan (Field and
line flicker reduction)
• **Digital Natural Motion** = 100 Hz + Digital Scan +
Natural Motion (Field and line flicker reduction and smooth
movement reproduction)
• **Double Lines** = provides for a doubling of vertical and
horizontal resolution which adds astonishing sharpness and
a total absence of visible picture lines. Motion compensation
reduces jitter and offers smooth, yet sharp motion
reproduction. Advised for NTSC (60Hz) pictures.

The modified adjustments for Contrast, Brightness, Colour,
Sharpness, Tint, Digital options and Dynamic Contrast are
automatically stored. Select Factory settings in the Setup
menu, General, to restore the predefined factory settings, see
p. 10.

Sound menu

Sound Features

TV

Volume
Equalizer
(Loudness)
Headphone volume
Surround mode
(Dual I-II)
(Mono/Stereo)
(Nicam/Analogue)
(3D effect)
AVL
(Delta volume)
(Audio only)
Smart sound

Press the cursor right to select **Sound**.
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.

Note:
- *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 can not be modified when a headphone has
been connected, the mode is always stereo.*
- *Some menu items are not available in DVD mode.*
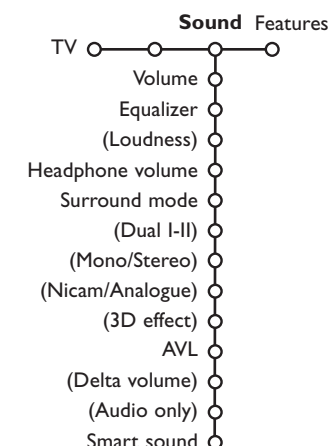
Surround Modes

Dependent on the sound signal broadcasted, select one of the Surround modes.

Stereo

This mode reproduces only the left and right front sound signals. You only hear a stereo sound if the broadcast which you are receiving is transmitted in stereo or nicam stereo.

Dolby 3 Stereo *(optimal with Dolby Surround broadcasting)*
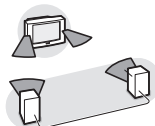
The sound signal is now distributed over the front left, the front right and the centre TV loudspeakers.
The rear loudspeakers do not produce any signal.

3D Surround *(optimal with Dolby Surround broadcasting)*

3D Surround enables you to experience the 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 special sound signal is distributed over the rear loudspeakers which creates a hall effect from the rear. The centre loudspeaker does not reproduce any signal.

This mode is recommended when you wish to add surround sound to a broadcast which is not encoded in Dolby Surround or which has a mono signal.

### Pro Logic *(with Dolby Surround broadcasting)*
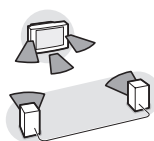
In addition to the left and right internal speakers, the centre and the rear surround loudspeakers reproduce the Dolby Surround Pro Logic sounds.

This sound is always present in the movie or programme marked with ▢▢ Dolby Surround*. This mode is especially recommended for such programmes or movies.
Dolby Surround Pro Logic signals are also present on some DVD tracks.

Note: Normal stereo broadcast is not always encoded to produce a rear surround sound.

In case of a Cinema Link configuration connected, the surround modes of the 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. 9, and rear speakers are connected.
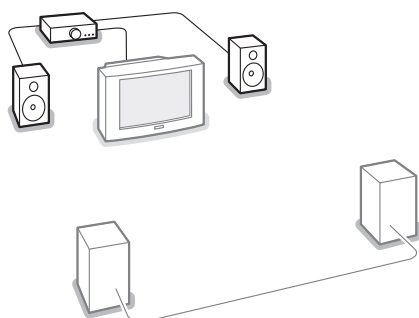
With two extra front loudspeakers connected

To enhance the sound reproduction of your TV you may connect two extra front loudspeakers via an external amplifier. See Connect Peripheral Equipment, Extra loudspeakers/Amplifier, p. 29.
In the Surround modes **+ ext. amp** is added to indicate that you should switch on your amplifier as in these modes the internal TV speakers only produce centre sound. The subwoofer speaker is muted.

Note: If extra front speakers are connected and selected, all internal TV speakers produce centre sound in the surround modes Pro Logic, Dolby 3 Stereo and 3D Surround.*
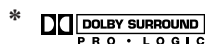
Use of the menus   13

Features menu

```
                    Features
   TV O──────O──────O──────O
         Programme list  O     Off
              Subtitle   O──────O  On
            Sleeptimer   O     O  On during mute
            Child lock   O
             On timer    O
```

Press the cursor right to select **Features**.
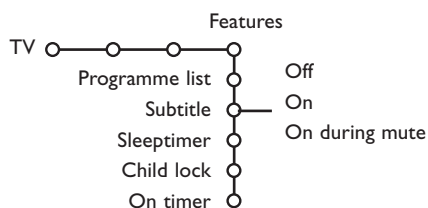Select the menu items in the Features menu with
the cursor up/down and adjust the settings with
the cursor left/right.
Use the on-screen Menu-Info, [i+], for more
information about the menu items.

Programme list

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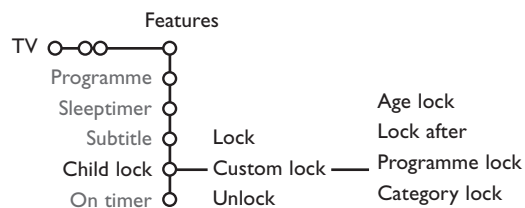
Select subtitles

Switch on teletext and select the proper subtitle
page from the index. Switch off teletext.
Now the subtitle page is stored for the selected
TV channel.

Once subtitles have been stored and **Subtitle On**
has been selected they will automatically be
displayed 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 when the
sound has been muted with the 🔇 key on the
remote control.

Child lock

① Select **Child lock** with the cursor down.

```
                Features
   TV O──OO──────O
     Programme    O
     Sleeptimer   O                  Age lock
       Subtitle   O    Lock          Lock after
     Child lock   O──── Custom lock ── Programme lock
        On timer  O    Unlock        Category lock
```

② Press the cursor right to enter the Child lock
menu.
You're summoned to enter your code. Enter
the access code.
*Note: You have to re-enter your code each time
you enter the child lock menu.*
You have forgotten your code ! See p.10.

③ Select one of the menu items of the child
lock menu.
• Select **Lock** if you want to lock all
channels and externals, including the DVD
player.
• Select **Custom lock** and press the cursor
right. The items Age lock and Category
lock are available when NEXTVIEW
broadcast is available.
 - Select **Age lock** if you want to lock
programmes related to a certain age: off,
2, 4 ... 18.
 - Select **Programme lock** if you want to
lock the programmes from a certain TV
channel or external.
 - Select **Category lock** if you want to
lock programmes related to a certain
theme: Movies, Sports, Shows....
See NEXTVIEW, p. 15.
 - Select **Lock after** if you want to lock all
programmes, externals and the DVD
player 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.
*Note: The entered time will remain valid for
every day, untill you have selected Unlock.*
• Select **Unlock** to unlock all locked
channels and externals at once.

On timer

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

```
                    VCR1      Sunday
                    BBC1      Monday
            Off     BBC2      .......
   On timer O──On── CNN ───── Daily ───── 15:45
                    TVE
                    ▶.....
```

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.
⑦ Enter the time with the digit keys or with
the cursor up/down.
⑧ Press the **OK** key to activate.
⑨ Press the **MENU** key to turn off the menu.
*Note: To check your timer settings, press the [i+]
key.*

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. The TV is responsible for the capture of that information and for the presentation to the user.

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. 10. For example:

puck

Programme name and broadcast time

This logo is only displayed during a NEXTVIEW transmission. No logo indicates it is a teletext programme guide

```
                    Mon 05 Feb                    18.00
  Mon 03    ○ Menu      ○18.00     ○Channel   ○Theme

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

  ○ Review  ○ Record  ○ Remind  ○ Watch  ○ Lock
```

NEXTVIEW guides

function keys

NEXTVIEW guides:
• choice of the day
• channel choice
• sort by subject
• programme preview

NEXTVIEW functions:
Use the coloured keys on the remote control to activate them.
The text appears in grey when the function is not available.

Using NEXTVIEW / Teletext guide

Select TV channels by theme

If NEXTVIEW with defined themes is broadcast, it is possible to quickly select TV programmes with the coloured keys.

❶ Press the red, green, yellow or blue key respectively to select one of the four predefined theme categories **MOVIE**, **SPORT**, **CHILD**, **NEWS**. The TV switches to the first TV channel broadcasting a programme of the selected theme. At the same time a list of all the TV channels currently transmitting a programme of the selected theme appears on the screen.

❷ Use the cursor up/down to select a programme.

❸ Press the same colour key again to remove the list. (After 10 seconds the list is removed automatically.)
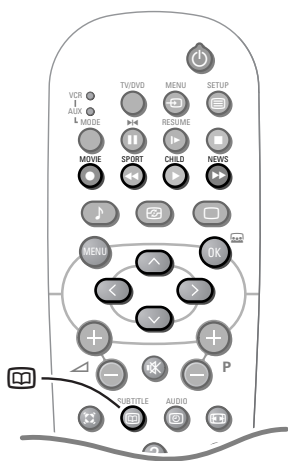
Call Teletext / NEXTVIEW guide

Press the 📖 key on the remote control to call the Teletext/NEXTVIEW guide. A menu appears with the message **One moment please**. After a while you obtain:
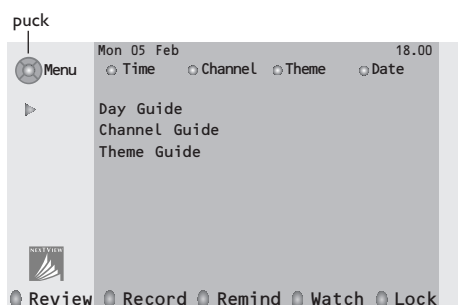• a NEXTVIEW page, if the selected channel broadcasts this service (the NEXTVIEW logo is displayed),
• a teletext page, if the selected channel does not broadcast NEXTVIEW,
• **No information available** is displayed if neither NEXTVIEW nor teletext are transmitted. In this case, select another channel.
Note: Press the 📖 key twice to exit NEXTVIEW/Teletext Guide.

NEXTVIEW / Teletext Guide   15

NEXTVIEW

puck

Mon 05 Feb   18.00
Menu   ○ Time   ○ Channel ○ Theme   ○ Date

▷   Day Guide
        Channel Guide
        Theme Guide

○ Review ○ Record ○ Remind ○ Watch ○ Lock

puck

Mon 05 Feb   18.15
18.00   ○ Channel ○ Theme   ○ Date   ○ Menu   NEXTVIEW
                                                         guides
18.00
18.30   BBC1 18.00 BBC News   ○
19.00   BBC2 18.00 The Simpsons   ○
19.30   CNN 18.00 World News   ○
20.00   FR2 18.10 On a tout essayé!   ○
20.30   CH5 18.15 Tomorrow Never Dies   ○

○ Review ○ Record ○ Remind ○ Watch ○ Lock   function
                                                      keys

If in the Setup menu, General, see p. 10, you have selected a TV channel as NEXTVIEW provider and the selected channel broadcasts this service, the NEXTVIEW menu appears when NEXTVIEW is switched on. In other cases, NEXTVIEW starts up with the **Time Guide**.

❶ Use the cursor key left/right to select **Time**, **Channel**, **Theme**, the date (or the menu).
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.

❷ Press the **OK** key to select the guide type.
❸ 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.
❹ Use the cursor up/down to scroll through the programmes.
❺ Press one of the colour keys to select one of the basic functions (if available): **review**, **record**, **remind**, **watch**, **lock**..

Basic functions

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

Review *(not available in Teletext Guide)*: 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 a reminder of programmes to be recorded.

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

Remind: automatically switch on the TV if it is in standby or stops a programme from being broadcast 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 sit to **Once**. to confirm the frequency, press the **OK** key.

Note: For certain broadcasts, the Series option is suggested. With this option, the system will independently search for when the next episode in the series is being broadcast.

Watch: to watch the selected and currently broadcast programme. *(Not available in Teletext guide)*.

16   **NEXTVIEW**

Select Picture / NEXTVIEW Guide

Press the ▥ key twice.
The screen is divided into two parts: the left side for the normal main picture, the right side for NEXTVIEW/Teletext Guide.
Press the ▥ key again to return to a full screen picture.
Note:
*- in half screen mode the basic functions of the NEXTVIEW/ Teletext Guide are limited to Record, Remind and Watch.*

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. 10, or when the TV is switched to standby; The indicator on the front of the TV remains orange during standby. After all needed acquisition or updating is complete, it turns red.
Acquisition of fresh date 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 Guide
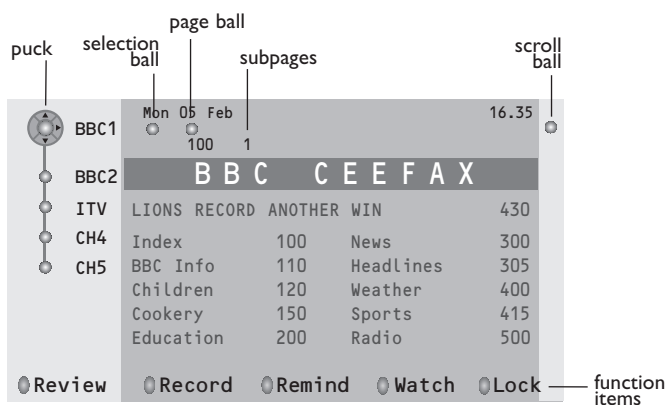
① When in Teletext Guide mode, select a TV channel with the cursor up/down and press **OK**.

② Move the cursor up to the top of the channel list where the name of the selected TV channel reappears.

③ In the Teletext index page, look for the programme guide page of the day or the following day.

④ Enter with the digit keys, the programme guide page number.

⑤ Press the cursor right to move the puck over the selection ball.

⑥ 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.

NEXTVIEW / Teletext Guide **17**

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. It may take some time for all pages to load.
Depending on the TV channel, teletext is transmitted in different systems. The colours used in the bottom line of the teletext page correspond with the colour keys of your remote control.

colour keys
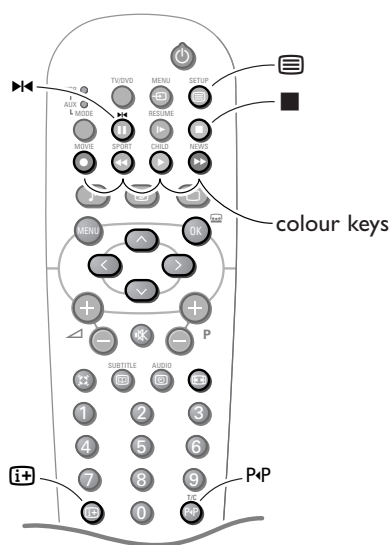
1 Press ▤ to switch teletext on.

2 Press again to display a picture/teletext screen.

3 Press once again to return to a full screen picture.

puck —

Menu ☉ 100 01	Mon 05 Feb 16.35.22
☉ Favourite	C E E F A X
☉ Search	ER WIN 430
	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

The main index page appears on the screen together with an information line at the top, an option line at the bottom and a puck in the top left corner of the screen.

Select a Teletext page

With the digit keys
Enter the desired page number with the digit keys.
The page counter seeks the page or the page appears immediately when the page number has been stored in the memory.
A message appears when you have entered a non existent or incorrect page number. Page numbers beginning with 0 or 9 do not exist. Choose another number.

With the option line
Select with the colour keys, corresponding to the coloured options at the bottom of the screen, the desired subject.

Select Picture/Teletext

Select a TV channel which broadcasts teletext. Press the ▤ key twice.
The screen is divided into two parts: the left side for the normal main picture, the right side for teletext broadcast by the selected TV channel.
Press the ▤ key again to return to a full screen picture.

Quickly run through the teletext pages
Press the cursor up/down or the **- P +** key to run through the previous or the following pages.

Select the previously selected teletext page
Press the P◂P key.

Note: Only possible when teletext pages are active, not when the Teletext menu is displayed.

Select the index teletext page

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

Only for T.O.P teletext broadcasts :

T.O.P orders the pages in categories and adds other possibilities of enhancing ease of use. Press ⊞. A T.O.P. overview of the teletext subjects available is displayed.
Not all TV channels broadcast T.O.P. teletext. When the teletext system is not T.O.P. teletext, a message appears at the bottom of the screen.
Select with the cursor up/down, left/right the desired subject and press the **OK** key.

Select subpages

When a selected teletext page consists of different subpages, one of the subpages appears on the screen.
Press the cursor right to highlight the subpagenumber.
Press the cursor up/down to select the next or previous subpage or enter the subpagenumber with the digit keys.

Special teletext functions

Hold

Press ▶◀ to stop the automatically rotating of the subpages or to stop the page counter from seeking when you have entered a wrong page number or when the page is not available. Enter another page number.

Enlarge

Press ⊞ repeatedly to display the upper part, the lower part and then to return to the normal page size. When the upper part is displayed, you can scroll the text, line by line using the cursor up/down.

Hypertext

With hypertext you can select and search for any word or number on the current teletext page.

1 Make sure you are not in the teletext menu and that the puck is in the upper left corner of the screen.
2 Press the cursor key down to highlight the first word or a number on the page.
3 Use the cursor up/down, left/right to select the word or number you want to search for.
4 Press the **OK** key to confirm.
A message appears at the bottom of the screen to indicate that the searching is going on or that the word or page is not found.

Select Continuous Subtitles

TV channels with teletext often transmit programmes with subtitling. For each TV channel you can store a subtitle page.

Switch on teletext and select the proper subtitle page from the index.
Switch off teletext.
Now the subtitle page is stored for the selected TV channel.

Teletext menu

(only available in full screen teletext mode)

1 Press the **MENU** key to activate the menu.

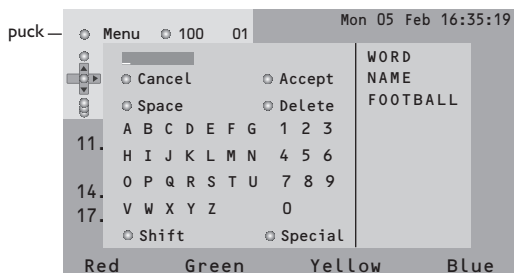**2** Press the cursor up/down to select the menu items.

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 add the current page or to select one of the favourite pages to the list.

2 Press the **OK** key or the cursor right again to add.

3 Press the cursor left to return to the Teletext menu.

Search

On the keyboard on screen you can type in a word you want to search for in the teletext pages. Whether upper- or lowercase is used has no influence. Searching for page numbers is not possible.

```
puck ─    ◌ Menu  ◌ 100   01          Mon 05 Feb 16:35:19
         ◌
         ◌     ▬▬▬▬▬▬              WORD
        ◁◌▷  ◌ Cancel    ◌ Accept   NAME
         ◌   ◌ Space     ◌ Delete   FOOTBALL
         ◌   A B C D E F G   1 2 3
        11.  H I J K L M N   4 5 6
             O P Q R S T U   7 8 9
        14.  V W X Y Z       0
        17.  ◌ Shift        ◌ Special

         Red       Green      Yellow      Blue
```

1 Press the cursor left/right, up/down to select the characters, words or functions.

2 Press the **OK** key to confirm each character selected.

3 Select **Cancel** to cancel the word or character selected.
Select **Space** to enter a space; **Delete** to delete the last character selected; **Shift** to switch between undercast or capital characters; **Special** to display special characters on the keyboard.

4 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. When the word is found, it is highlighted in the teletext page.

3 To continue the search, press the **OK** key twice. When a word is not found, a message appears.

4 To search for a new word, select **Keyboard** and press **OK**.

5 Select the new word.

Reveal

Reveals/conceals hidden information on a page, such as solutions to riddles and puzzles.
Press the **OK** key to activate.
Press **OK** again to return to the Teletext menu.

Cycle subpages

Makes the subpages cycle automatically. Press the **OK** key to activate and to de-activate again.

Timed page

To display a specific page at a certain time.

1 Press the cursor right to 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. It is not possible to display a timed page when the TV is switched to standby.

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 keys left/right.

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

Using the built-in DVD player

The built-in DVD player allows you to play DVD Video discs as well as Video-, Super Video-, Audio- and MP3-CDs (including CD-R and CD-RW 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 (Europe: code 2, Russia: code 5). 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.

Introduction to DVD Video

The Universal DVD Video Standard offers some unique features, such as selection of different sound tracks for different languages, different subtitle languages and even multiple camera angles (disc dependent).
Depending on the material on the disc (a movie, video clips, drama series, etc.) the disc may have one or more titles which can consist of multiple chapters (also called scenes).
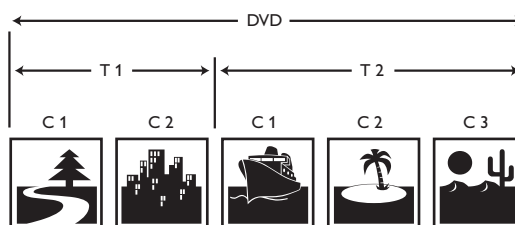
Loading a disc

❶ Press the **OPEN/CLOSE** ⏏ button on the front of the TV or when in DVD mode, the ■ key on the remote control to open the disc tray.

❷ Place your disc in the tray, label side up.

❸ Press the **OPEN/CLOSE** ⏏ button or when in DVD mode, the ■ key on the remote control again to close the disc tray.

Using the DVD player   21
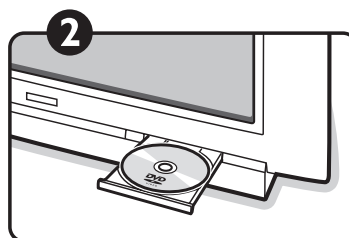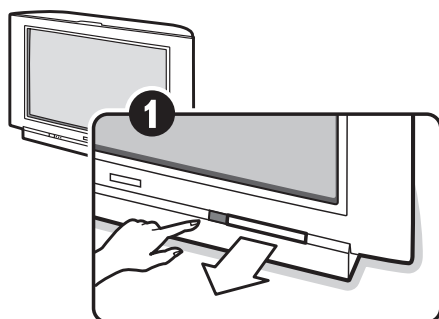
Playing a DVD or Video-CD

Press the **TV/DVD** key to switch to DVD mode.

Play
Once a disc is loaded playback starts automatically. Certain discs may ask you to make a selection from a menu. Use the digit keys or up/down left/right keys and the **OK** key to make your selection.

Stop playback
Press the ■ key to stop playback. The default screen appears and gives information on the player status.

Resume playback
When you stop a disc mid-play (by switching to standby, ejecting the disc or pressing ■), you can resume play at the exact point you stopped the disc. Simply press the **RESUME I▶** key or when the I▶ symbol appears on-screen, press ▶ again (otherwise the disc will restart from the beginning).
Note: When temporarily switching to TV mode, and switching back to DVD mode within 10 minutes, the DVD will automatically resume.

Slow motion, fast forward and rewind
During playback, press the cursor down key repeatedly to slow play down to 1/2, 1/4 or 1/8 speed. Press the ◀◀ or ▶▶ key (or the cursor left/right) to fast forward or rewind at x4 or x32 speed. Press ▶ to return to normal speed.

Freeze-frame
Press ▐▐ or the cursor up to freeze the image. Press ▐▐ or the cursor up again to move to the next frame or ▶ to resume play.

Select title / chapter
DVD discs are divided into different chapters to allow certain scenes to be accessed directly. Press the **T/C** key to access the Title or Chapter menu directly. Use the **- P +** keys to go to the previous or next chapter.

Disc menu
Press the disc **MENU** key to summon the menu of the DVD disc. Its contents are entirely dependent on the DVD disc. It allows access to different sections such as choice of language, direct access to scenes, bonus materials, etc. Use the cursor up/down left/right to select, the **OK** key to confirm and the disc **MENU** key to exit.

Language selection
Press the **AUDIO** key repeatedly to select the different audio languages available on the disc. A menu bar appears at the top of the screen, this will disappear after a few seconds.

Subtitle language selection
Press the **SUBTITLE** key repeatedly to select the different subtitle languages available on the disc. Select **off** to deactivate subtitling. The menu bar disappears after a few seconds.

Status window
Press the [i+] key to display information about the current disc.

Removing a disc
Ensure playback has stopped, then press the **OPEN/CLOSE ▲** button located on the front of the TV or, when in DVD mode, the ■ key on the remote control to open the disc tray. Remove the disc.

Playing an Audio- or MP3-CD

Play	Track	Time	Total tracks	Audio Disc Mode Total time
▶	7	0.01.34	4	1.11.19

FTS	On ▶ Off
Track	1 2 3 4 5 6 7 8 9 >
Program	3 5 8 9
	Clear all

Press the **TV/DVD** key to switch to DVD mode.

Play
Once a disc is loaded the Audio-CD screen appears. Press ▶ to start playback.

Stop playback / eject disc
Press the ■ key to stop playback.
Press ■ again or the **OPEN/CLOSE** ▲ button on the front of the TV to eject the disc.

Moving to another track
Use **- P +** to go to the previous or next track. Use the digit keys to skip to a certain track number.

Fast forward and rewind
During playback, press the ◀◀ or ▶▶ key to fast forward or rewind at x8 speed. Press ▶ to return to normal speed.
Note: This function is not available with MP3-CDs.

Pause playback
Press ▐▐ during playback. Press ▶ to resume.

Favourite track selection (FTS)
This function allows you to programme a selection of tracks into the memory.
Note: This function is not available with MP3-CDs.

❶ Make sure playback has stopped.

❷ Use the cursor up/down to select the Track line.

❸ Use the cursor left/right or the digit keys to select a tracknumber. Press the **OK** key to confirm. The tracknumber appears in the **Program** line.

❹ Repeat step ❸ for each favourite track you wish to select (max. of 20 per disc). You can repeat the same tracknumber several times.

❺ Press ▶ to play your favourite tracks.

❻ To stop playing favourite tracks, position the **FTS** setting to **off**.

❼ To clear the **Program** line, use the cursor down to select **Clear all** and press **OK**. To remove a tracknumber from the **Program** line, select the tracknumber in the **Program** line and press **OK**.

MP3 disc properties
Your built-in DVD player supports the following MP3-CD format (ISO9660)
• Max. 30 character filenames
• Max. levels of nested directories is 8
• the max. ALB number is 32
• VBR bit-rate support
• Supported MP3 sampling frequencies are:
  32 kHz, 44.1 kHz, 48 kHz
• Supported MP3 bit-rates are:
  32, 64, 96, 128, 192, 256 kbps
• Following formats are not supported:
  .WMA, .AAC, .DLF, .M3U, .PLS

Additional notes:
• Chinese filenames are not supported.
• The CD-session must be closed.
• Only the first session of a multi-session CD is supported.
• CDs in UDF format are not supported.
• In compliance with the SDMI, digital audio out is muted while playing MP3-CDs.
• The disc reading time may exceed 10 seconds due to a large number of songs on the disc.

Using the DVD player   23
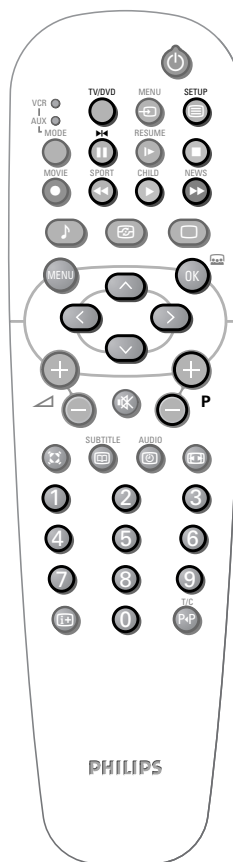
The DVD Player Menu

This menu allows you to access all the special functions of the DVD player.

1 Press the **SETUP** key.
A menu bar appears with symbols for each menu item.

2 Use the cursor left/right up/down to go through the options in the menu.

3 Use the **OK** key to confirm your selection.

4 Press the **SETUP** key repeatedly to return or to switch the menu off.

SETUP

Description of the symbols

⊤ʓ   Personal Preferences

▭   Subtitle Language

₍ᵢ�L̇   Audio Language

◄▢►   Frame by frame

▷   Slow motion

▶▶   Fast motion

◁   Angle

⊕   Zoom

T   Title

C   Chapter

⊕   Time Search

☑   Favourite Track Selection (FTS)

Grey symbols indicate that the option is not available.

Using the DVD Player Menu

Personal preferences
See next page.

Subtitle and audio language
On the menu bar select ▭ for the subtitling language and ₍ᵢL̇ for audio language. Use the cursor up/down to choose your setting.
*The **SUBTITLE** and **AUDIO** keys on the remote control allow you to make these settings directly.*

Frame by frame
Select ◄▢► and press the cursor down. The image freezes. Use the cursor left/right to move backwards or forwards frame by frame. Press ▶ to resume normal play.

Slow motion / fast motion
Select ▷ for slow motion or ▶▶ for fast motion and press the cursor down. Use the cursor left/right to select the desired speed. To resume normal speed, press ▶.

Angle
Some DVDs include sequences recorded from several camera angles. Generally a special icon will appear. Select ◁ on the menu bar and use the cursor up/down to select the angle.

Zoom
Select ⊕ and press the cursor up/down to activate the zoom function with a magnification of 1.33, 2 or 4. Press **OK** and use the cursor up/down left/right to move around. Press **OK** again to confirm.

Direct access to titles and chapters
Select **T** to access the different titles available on the disk and **C** for the different chapters or film sequences. Use the cursor up/down to choose your setting.
The - P + keys on the remote control allow you to access the chapters directly.

Direct access by time
Select ⊕ and press the cursor down. The image freezes. Use the digit keys to enter a precise time to go to. Press **OK**, the ▶ key or the cursor up to resume at the indicated time.

Favourite track selection (FTS)
See next page.

Personal Preferences

Press the **SETUP** key. On the menu bar select ↑⚲ and press the cursor down to display the personal preferences menu.
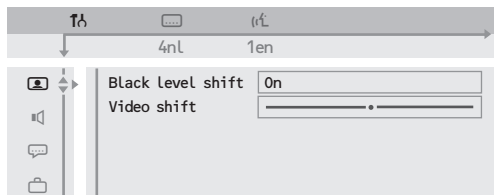
```
  ↑⚲         ▭          ⟨⚲⟩
             4nl        1en

  ▣ ⇕▸    Black level shift  │ On        │
  ◁         Video shift      │ ────────●──── │
  ⟍
  ⌂
```

Image preferences ▣

- **Black level shift**: to highlight the levels of black in the image (only works with NTSC images).
- **Video shift**: to move the image horizontally.

Sound preferences ◁

- **Digital output**: allows you to choose **All** (the optical and coaxial outputs are activated), **PCM only** (the optical and coaxial outputs are activated, but for the connection of an amplifier without a multichannel digital decoder) or **Off** (no output is activated)
- **Night mode**: optimises the sound dynamics for low volume listening
- **Karaoke vocal**: only activate this function for playing special karaoke DVDs (choose **On** to hear the singing vocals)

Language preferences ⟍

- **Audio Language**: to define the preferred language for the soundtracks of DVD films.
- **Subtitle**: to define the preferred language for subtitles on DVD films.
  Note: If the preferred language is available on the disc, it will be selected by default. If not, the first language on the disc will be activated.

Features ⌂

- **Access control** (see next page)
- **Status window**: to turn off the display of the player's status window.
- **Low power standby**: on a fixed image, the contrast automatically fades after ± 15 minutes.
- **PBC** (Playback Control): to activate or deactivate the possibility to directly select a title on certain Video- or Super Video-CDs.
- **Help text**: when set to on, help text describes the symbols selected in the top menu-bar.

Favourite Track Selection

This function allows you to programme a selection of your favourite chapters from the DVD into the memory.

```
    T        C        ⟳        ☑
    2        4                 on

 FTS ⇕   On ▸ Off
 Title   1  2  3  4  5  6  7  8  9  >
 Chapter 1  2  3  4  5  6  7
 Program 2.2 2.4 2.7
         Clear all
```

❶ Press the **SETUP** key. On the menu bar select ☑ and press the cursor down to display the favourite track selection menu.

❷ Use the cursor up/down to select the Title or Chapter line.

❸ Use the cursor left/right to select the number of the favourite title or chapter.

❹ Press the **OK** key to confirm your selection.

❺ Repeat steps ❸ and ❹ for each favourite title or chapter you wish to program.
If you wish you can repeat the same track number several times. You have a maximum of 20 favourites per disc.

❻ Press the **SETUP** key to exit the menu. The favourite tracks will begin playing automatically.

To stop playing favourite tracks
In the Favourite Track Selection menu, set the **FTS** setting to **off**.

To delete favourite tracks
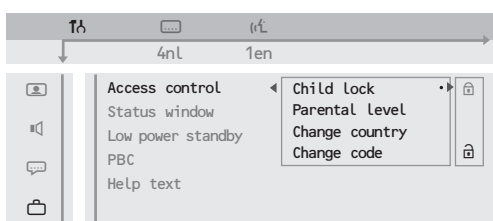Select the number of the favourite track in the program line and press the **OK** key.

To delete all favourite tracks
Select **Clear all** and press the **OK** key.

Using the DVD player   25

Access control / Child lock

This function allows you to access various levels of security for the player.

1 Press the **SETUP** key.
2 On the menu bar select ⇅ and press the cursor down to display the personal preferences menu.
3 Use the cursor up/down to select ⌸.
4 Press the cursor right twice to enter the **Access control** menu.
5 Enter a four digit access code of your choice. Enter it a second time to confirm. The **Access control** menu appears.

```
      ⇅        ▭         ((̣̣       →
           4nl       1en

 ▣      Access control   ◀ Child lock     ·▶  ⌸
 ◁⌷     Status window       Parental level
        Low power standby   Change country
 💬     PBC                 Change code        ⌸
 ⌸      Help text
```

- **Child lock**: select ⌸ to switch the lock on or ⌸ off. When the child lock is on, you will be asked to enter a code to authorise the playback of DVDs and video CDs.
- **Parental level**: to activate the level of security from 0 (off) to 8 (maximum).
  Certain DVD discs may contain Parental control information which applies to the complete disc or to certain scenes on the disc. These scenes are rated from 1 to 8, and alternative, more suitable scenes are available on the disc. For example, if you choose level 4, all scenes of level 4 (and below) will be played. Scenes of a higher level will not be played or will be replaced by alternative scenes. If no alternative scenes are available, play will stop and you will be asked to enter the 4-digit code.
- **Change country**: select your country. This setting influences the parental levels which are country dependent.
- **Change code**: to modify the access code. You will be asked to enter the new code a second time to confirm.
  *If you have forgotten your secret code, the code can be cancelled by pressing the ■ key four times in the **Access control** dialog.*

Play authorisation

When the Child lock function is switched on you will be asked to enter your code to authorise the playing of the DVD or Video-CD.

1 Insert a disc. The 'child lock' dialogue appears.

```
 Locked                    Access Control
   ☹

 ▾ Play once          [ ] [ ] [ ] [ ]

   Play always        [ ] [ ] [ ] [ ]

 Choose 'Play always' to insert the disc in
 the child–safe list
```
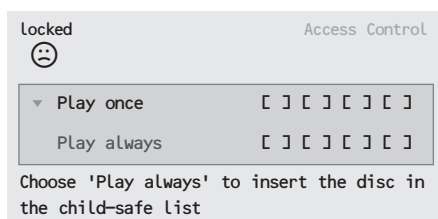
2 You will be asked to enter your secret code for **Play once** or **Play always**.
  - If you select **Play once**, the disc can be played as long as it is in the player and the television remains on and in DVD mode.
  - If you select **Play always**, the disc will become child safe (authorised) and can always be played, even if the Child lock is set to on.

The player can memorise a list of 120 child safe discs. When the list is full and a new disc is added, the last disc in the list is removed.
Double sided DVDs and Video-CDs with multiple volumes may include a different identification for each side or volume. In this case you will have to authorise each side or volume separately.

Removing play authorisation
1 Insert a disc. Playback starts automatically.
2 When the ☺ symbol appears on screen, press the ■ key. The ☹ symbol appears and the disc is now deauthorised.
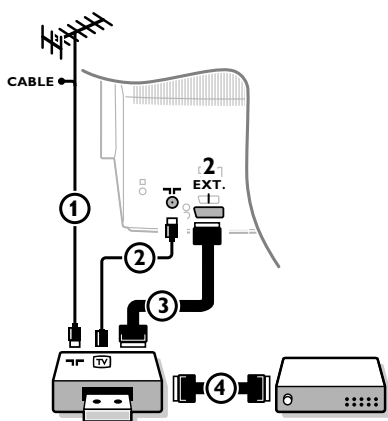
Removing the play authorisation dialogue
  To deactivate the Child lock:
1 Make sure you are in DVD mode. Press the **SETUP** key.
2 Go to Personal preferences, then ⌸ and then to the **Access control** menu.
3 Enter your access code and set the child lock to ⌸ off.
4 Press the **SETUP** key to exit the menu.

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.

Recorder

If the eurocable ③ is not used the following steps are required:

Search for and store the test signal of the recorder

❶ Unplug the aerial cable ① from the aerial socket ⊤⊤ of your recorder.

❷ Switch on your TV and put the recorder on the test signal.

(See the handbook for your recorder.)

❸ Search for the test signal of your recorder in the same way as you searched for and stored the TV signals. See Installation, Store TV channels, Manual installation, p. 7.

❹ Store the test signal under programme number 0 or between 90 and 99.

❺ Replace the aerial cable in the aerial socket ⊤⊤ of your recorder after you have stored the test signal.

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. 11.
You can also connect your decoder directly to **EXTERNAL 1** or **2** with a eurocable.

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

easy LINK

*If your recorder is provided with the EasyLink function, the eurocable supplied with it should be connected to **EXTERNAL 2** to benefit from the EasyLink functionality.*

Recorder and other peripherals (except Digital Sources)
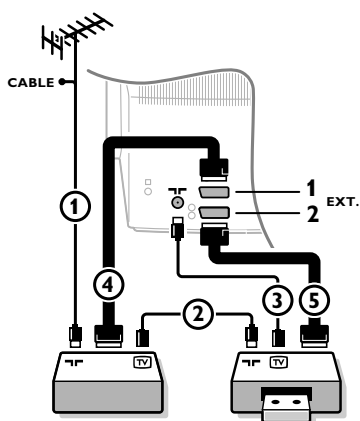
❶ Connect the aerial cables ①, ② and ③ as shown. Better picture quality can be obtained if you also connect eurocable ⑤ to **EXTERNAL 2** and a eurocable ④ to **EXTERNAL 1** or **EXTERNAL 3**.

❷ Look for the test signal of your peripheral in the same way as you do for a recorder.

*When a recorder is connected to **EXTERNAL 1** you can only record a programme from your TV.
Only when a recorder is connected to **EXTERNAL 2** it is possible to record a programme from your TV as well as from other connected equipment.
See Record with your recorder, p. 32.*

*Note: **EXTERNAL 1** can handle CVBS and RGB, **EXTERNAL 2** CVBS and Y/C, **EXTERNAL 3** CVBS and RGB. It is preferred to connect peripherals with RGB output to **EXTERNAL 1** or **3** as RGB provides a better picture quality.*

Connect Peripheral Equipment 27

Side connections
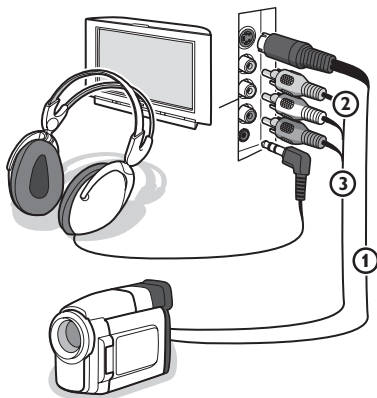
Camera or camcorder

1 Connect your camera or camcorder to the sockets at the right side of your TV.

2 Connect the equipment to **VIDEO** ② and **AUDIO L** ③ for mono equipment.

3 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 🎧 at the right side of the TV.

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.

Note: The surround mode is always stereo when the headphone is connected.

Digital equipment (Digital satellite tuner, STB, DVD,...)

EXTERNAL
1/2/3

①
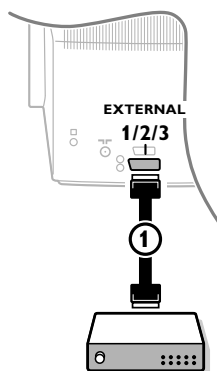
Connect your digital equipment with a eurocable ① to one of the euroconnectors (**EXT1**, **EXT2** or **EXT3**), or with a cinch cable to the **VIDEO** input at the right side of the TV.

*Note: The low quality of some digital picture material may be the cause of digital image distortion. According to the connected digital equipment, select **DVD, SAT, Game** or **Digital STB** in the Setup/Source menu. See p. 11.*
*(In case the digital transmission is still poor, also select the **Soft** setting using the Smart Picture ▢ key, without changing the picture setting manually.)*

Extra loudspeakers / Amplifier

REAR multimedia loudspeakers

You can enjoy Dolby Pro Logic Surround sound by connecting two rear loudspeakers to be connected to the Dolby Surround output **S** at the back of your TV.
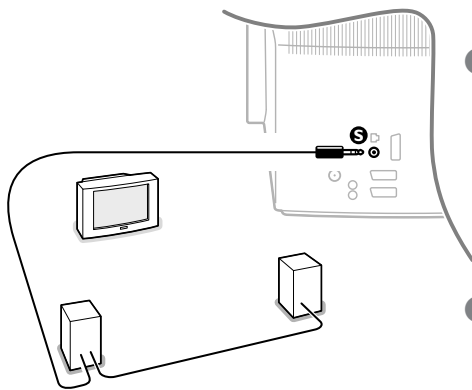
1 Connect two rear loudspeakers with built in amplifiers or an audio amplifier with rear loudspeakers.
Connect the audio cables to the rear loudspeakers and to the Dolby surround output **S** at the back of your TV as shown.
There is only one output for both speakers.
Note: Switch off the TV and the rear loudspeakers before connecting them.
*The surround output **S** has a 3.5 mm stereo jack.*

2 Select **Surround speakers - On** in the Setup menu. See p. 9.
See Surround sound modes in the Sound menu, p. 13 for the available Surround modes.
Rear Surround Sound loudspeakers should always be located behind or to either side of the listener at about 1 m above the listener.

3 Adjust the volume of the rear loudspeakers when audio distortion occurs.
Use the Test tone function in the Speakers menu, see p. 9, to have a reference of the loudness of the separate loudspeakers.

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.

Stereo amplifier and two extra FRONT speakers
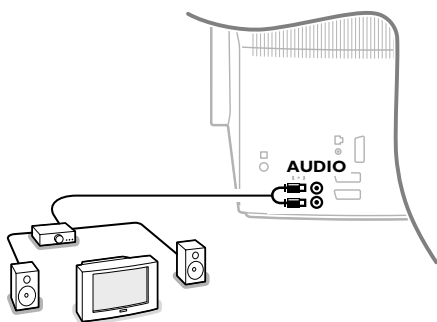
To enhance the sound reproduction of your TV you can connect two extra front loudspeakers via an external amplifier.

1 Connect the audio cables to the audio input of your amplifier and to **AUDIO L** and **R** at the back of your TV. The output level is controlled by the volume control of your TV.

Note: Switch off the TV and your audio amplifier before connecting them. Set the audio amplifier's volume to minimum.

2 Select **Centre mode On** in the Setup, Speakers menu. See p. 9. See Surround mode in the Sound menu, p. 13 for the available Surround modes.

3 Adjust the volume of the audio amplifier.
Use the Test tone function in the Setup, Speakers menu, see p. 9 to have a reference of the loudness of the separate loudspeakers.

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

If extra front speakers are connected and selected, all internal TV speakers produce centre sound in the surround modes Dolby Pro Logic and Dolby 3 Stereo.

Connect Peripheral Equipment 29

Cinema Link Surround receiver

DIGITAL AUDIO OUT

OPT OUT
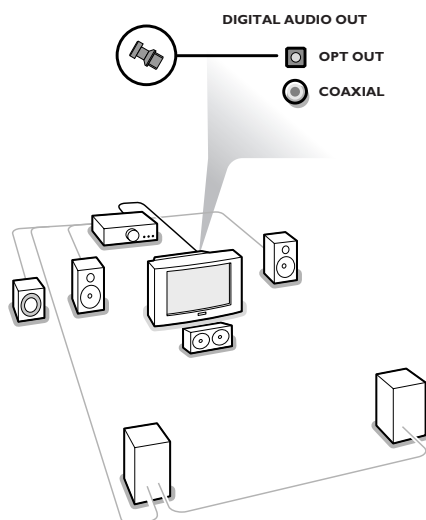
COAXIAL

1 **For a receiver with analog input**:
Connect the Dolby Pro Logic Surround amplifier to the **AUDIO L** and **R** at the back of your TV.
For a receiver with coaxial digital input:
Only for digital audio from the built-in DVD player.
Connect a digital audio cable to the digital audio input of your receiver and to **COAXIAL** at the back of your TV.

For a receiver with optical digital input:
Only for digital audio from the built-in DVD player.
Remove the cap from the optical output.
Connect an optical audio cable to the optical audio input of your receiver and to **OPT OUT** at the back of your TV.
Warning: The cap is a small object and could be swallowed by small children.

2 To activate the coaxial and optical digital outputs, set **Digital output** to **All** or **PCM only** in the **Sound preferences** menu of the built-in DVD player. See p.25.

3 Switch off the volume of the TV with the mute key .
All volume settings, tone control and speaker connections have to be done via the external surround receiver.

Attention: The sound info on screen will not correspond with the actual sound reproduction.
No sound will be heard when a TV channel or external source is blocked via the Child lock menu, see p. 15.

If you want to connect more equipment to your TV, consult your dealer.

Selecting connected equipment

Equipment connected with an aerial cable only

Select the programme number under which you have stored the test signal with the digit keys.

Equipment connected to a euroconnector or to the right side of the TV

1 Press the key repeatedly to select **EXT1**, **EXT2, EXT3** or **SIDE** according to where you connected your equipment at the back or the right side of your TV.
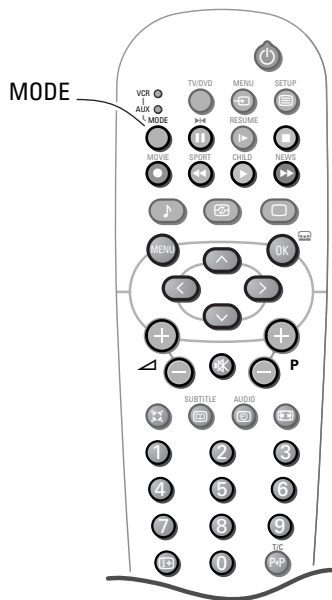*Remark : Most equipment (decoder, recorder) carries out the switching itself.*

2 Press the cursor up/down and press **OK**.

If you want to change to TV channels
Enter the programme number of the TV channel you want to watch with the digit keys.

Connect Peripheral Equipment
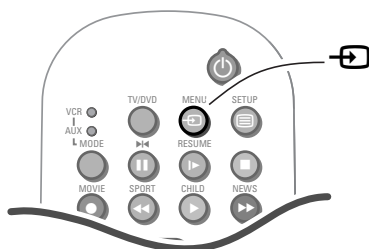
## Remote control functions for peripherals

The **MODE** key takes you through the main functions of a video recorder or AV-receiver (tuner, amplifier).
The remote control is compatible with Philips devices using the RC5 or RC6 standard.

MODE

① Press the MODE key repeatedly to select the required mode. The indicator lights up to display the selected mode. If no action has been taken during 30 seconds, the remote control returns to TV mode.

② The following keys are operational, depending on the device:

●	record
◀◀	rewind
■	stop
▶	play
▶▶	fast forward
❚❚	pause / step
MENU	menu
OK	confirmation
cursor keys	navigation
digit keys	digit entry
- P +	programme or track selection
⊞	display information
▭	tape list (VCR); RDS on/off (tuner, AV-receiver)
⏲	VCR timer
▤	RDS display (tuner, AV-receiver)

Recorder with EasyLink

The recorder can be operated via the **Recorder** menu on screen.

Recorder ○——○——○——○——○——○——○

◀◀	◀	■	▶	▶▶	●	▲
Rwd	Play	Stop	Play	Ffw	Rec	Eject
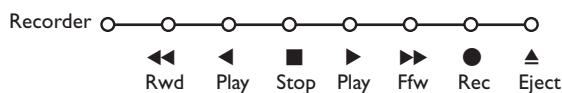
① Press the **MENU** key on the remote control.
② Select the Recorder menu with the cursor up/down.
③ Press the cursor left/right, up/down to select one of the Recorder functions:
④ Press the **OK** key to confirm.

The key ● on the remote control 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.

Record with your Recorder with NEXTVIEWLink

If your Recorder is equipped with NEXTVIEWLink, and you tagged one or more programmes to be recorded automatically in the NEXTVIEW mode, it is not necessary for the TV to be in the standby mode or switched on for the recording to start.

Record with your recorder without EasyLink

To record S-VHS quality, connect an S-VHS peripheral directly to the video recorder.

Record a TV programme

1 Select the programme number on your recorder.

2 Set your recorder to record.
See the handbook of your recorder.

Switching programme numbers on your TV does not disturb recording !

Record a programme on your recorder connected to EXTERNAL 2 from Audio/Video equipment connected to EXTERNAL 1, EXTERNAL 3 or to sockets on the right side of the TV

1 Switch on the equipment.

2 Select the correct external on your recorder.

3 Set your recorder to record.
You record what you are watching on the screen.

Do not switch programme numbers or do not switch off your TV when you are recording !

Record with your recorder with EasyLink

If you have connected an S-VHS recorder provided with the EasyLink function, you can record S-VHS quality from an S-VHS peripheral connected to the right side of the TV. (E.g. from an S-VHS camcorder.)

In TV mode, it is possible to start a recording of the programme which is displayed on the TV screen. Press the record key ● *on the remote control. The recorder switches on from standby and a message of what is being recorded appears on the screen.*
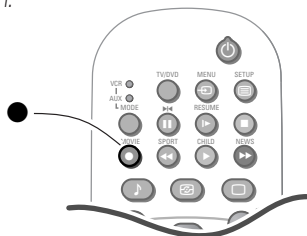
The recorder starts recording the programme you are watching.
*Switching programme numbers on your TV does not disturb recording !*

When recording a programme from a peripheral connected to EXTERNAL 1, 3 or SIDE, you can not select another TV programme on the screen. To watch TV programmes again, press the programme number you want to select twice. Attention: the recording is stopped and your recorder switches to standby.

If you switch to standby during recording of a programme from a peripheral connected to EXTERNAL 1, 3 or SIDE, the blinking lamp on the front of your TV indicates that you are still recording. The blinking stops after the recording is finished.

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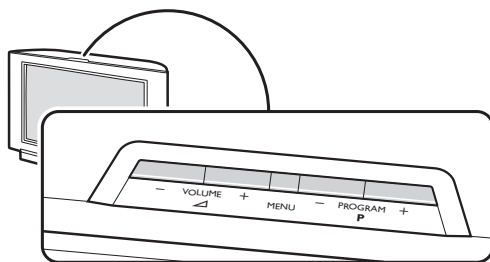
Should your remote be lost or broken you can still change some of the basic settings in the TV menu with the keys on top of your TV.

Press the ⊿ - or + key to adjust the volume.
Press the **P** - and + key to browse through the TV channels or sources stored and to select them.
Press the **MENU** key to summon the main menu.
Use the ⊿ - and + keys to select menu items in the horizontal axis.
Use the **P** - and + keys to select submenu items in the vertical axis.
Use the **MENU** key to confirm your selection.

Note:
- Sometimes not all the menu items are visible on the screen; Press the P + key to reveal all items.
- Exit lets you dismiss the menu. Select Exit and press the MENU key.

32   Recording

Appendix: Wireless Surround speaker system
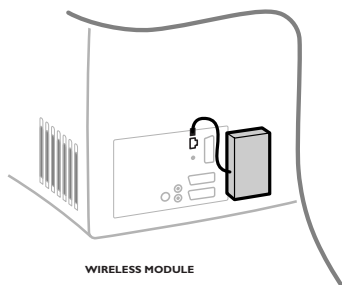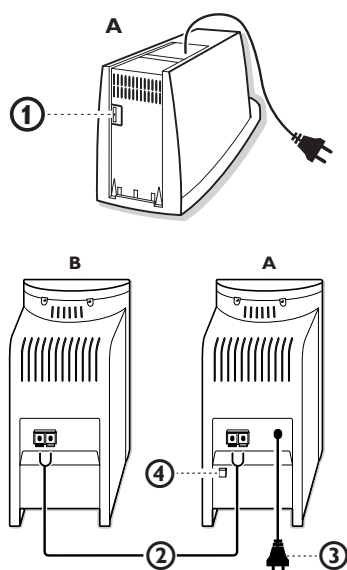

WIRELESS MODULE

Wireless transmitter module
- Switch the TV off with the power switch.
- Attach the wireless module to the back of the TV as shown.
  Note: Make sure you switch the TV on only after you have plugged in the wireless module.
- Connect the attached cable to the wireless module connector.
- Switch the TV on.

Surround loudspeakers

There are two surround loudspeakers supplied. One is the active loudspeaker A. The other loudspeaker B is a passive one which has to be connected with the active loudspeaker.
- The slide channel switch ① at the bottom of the active loudspeaker has been set default to channel 1 in the factory.
- Connect the active to the passive loudspeaker with the supplied speaker cable ②. Insert the marked wire into the openings of the same coloured connector clips on both speakers. Do not insert the wires too far.
- The Surround sound loudspeakers can be located behind or to either side of the listener. The front of the loudspeakers do not have to face the listener. The distance between the TV and the surround speakers should not exceed 15 m.
  Note: In rare occasions people moving around close to the TV may interfere with the sound transmission.
- Connect the active loudspeaker to the mains with the mains cable ③.
- Switch on the active loudspeaker with the **POWER** switch ④.

  The red indicator at the front of the active surround speaker shows that the speaker is in standby. During sound transmission the indicator turns to green.
  10-15 min. after the sound transmission of the TV has stopped, the indicator turns back to red to indicate the low power standby.
  To switch the active speaker off, use the **POWER** switch.

Setup - Speakers menu
- Press the MENU key on the remote control.
- Use the cursor down to select **Setup**.
- Use the cursor right to select **Speakers**.
- Use the cursor down to select **Wireless surround**.

  The system has already been configured in the factory to work properly. In rare circumstances, interference from external RF (wireless) equipments such as RF headphones, mobile phones or remote controls for lights, may occur. Then it may be necessary to shift to another wireless channel.

  Important: Always be sure that the active surround speaker (A) and the Wireless surround setting are switched to the same transmitting channel. Otherwise no sound or only a distorted sound will be heard on the surround speakers.
- Select **FM transmitter** and select the correct type of transmitter, 864 MHz or 433 MHz, valid for the country where you are now located.
  When the TV is tuned to a channel in the neighbourhood of 864 MHz (alternatively 433 MHz), the transmitter is switched off because no RF surround sound is possible. This is necessary to avoid interfered picture.

  In rare cases, when no RF surround sound is possible or when there is too much interference, use the wired back up solution with a 3.5 mm stereo jack (if provided). In this case select Off in the Wireless surround menu item. See Connect Peripheral Equipment, p. 29.

Wireless Surround speaker system   33

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.

Mobile telephone warning !
To avoid disturbances in picture and sound, malfunctioning of your TV or even damage to the TV, keep away your mobile telephone from the TV.

DVD player disc tray
Avoid leaving the disc tray open for long periods of time to prevent dust from entering the player and to prevent the tray from accidentally breaking off.

Poor Picture
• Have you selected the correct TV system?
• 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 menu, p. 10.
• 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 **EXT1**, **EXT2** or **EXT3** at the same time. In this case switch off one of the other peripherals.

No picture
• 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?
• Are the connection facilities to a possible second TV in good condition? If in doubt, consult your dealer.

No sound
• 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, Speakers menu, p. 9. E.g. is your amplifier switched on when you have 2 extra front speakers connected?
• 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 or check if the wireless transmitter is properly connected. See Surround Modes, p. 13.

Remote control
• If your TV no longer responds to the remote control, the batteries may be dead or the wrong mode (TV or other peripheral, see p. 31) is selected.
• You can still use the **MENU** key and the -/+ keys at the top of your TV.

The DVD player doesn't work
Make sure that the disc is not scratched and it is clean. Clean the disc with a soft cloth, wiping from the centre to the edge.

No surround sound
• Check if the headphone is not plugged in.
• Check if the channel is broadcasting good quality surround sound.

Wireless Surround speaker system
• Are the active surround speaker and the Surround Sound setting in the Setup menu switched to the same transmitting channel?
• External RF equipment, mobile telephones or people moving around close to the TV may disturb the sound transmission.
• When no RF surround sound is possible, or when there is too much interference, try to switch to another wireless channel or use the wired back up solution. See Connecting extra loudspeakers / amplifier, p. 29.
• When you switch to another wireless channel, take care to select the same transmitting channel as well in the setup menu as on the speaker box.
• For wireless transmitter modules with a built in antenna: direct the antenna to achieve the best reception.

No solution
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.
Caution: Visible and invisible laser radiation when open. Avoid exposure to beam.

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.

How to dispose of dead batteries?
The batteries supplied do not contain the heavy metals mercury and cadmium. Nevertheless in many countries dead batteries may not be disposed of with your household waste. Please ensure you dispose of dead batteries according to local regulations.

Glossary

Automatic Channel Installation (ACI)
Automatically installs all TV channels in the same order as offered by your cable company, provided of course that the data is transmitted. It also automatically includes programme number and programme name.
With ACI, channel installation is fully automatic, simple and fast.

Child Lock
Feature to prevent unauthorised use of your TV.

Digital Natural Motion
100 Hz Digital Natural Motion eliminates the juddering effect that is noticeable when there are moving objects in the picture. This results in razor sharp pictures and ensures smooth movements.

Digital Scan
If you look at a television screen you will see small imperfections in the picture caused by line vibration. Digital Scan (an internal process) removes interline flicker. When combined with 100 Hz, you will see a totally stable image.

DNR
Digital Noise Reduction.
By encoding signals digitally in 100 Hz sets, it is possible to clean up picture noise. This is especially beneficial in poor signal areas and when viewing poor quality video tapes.

Dolby Surround Pro Logic
Literally wraps you in 4-channel sound. it brings your favourite movies to life with all the realism and impact of cinema sound as though you are part of the action.

Easy Link
Digital 'intelligent' ESI bus-system between TV and VCR (Scart connection required). Turns source selection and control into a one-button operation.

Easy Text
Teletext memory that automatically memorises Teletext pages and gives you instant access to them.

Euroconnector
A 21-pin connector system enabling you to simply connect various types of audio/video and computer equipment.

NEXTVIEW
NEXTVIEW is a new feature to assist the TV and VCR user in selecting the programmes she or he likes to watch from a television programme guide on the screen.
It enables the user to see a description of every programme, and mark interesting programmes to be reminded (auto TV on) or recorded (NEXTVIEWLink Recorder required).

Smart Picture and Sound Controls
Keys on the remote control to select predefined picture and sound settings.

Teletext
See also Easy Text
WST: World Standard Teletext.
FLOF: Full Level one Features. System applied by the BBC, RVE.... that provides a fast access to the teletext pages.
TOP: Table of (Teletext) Pages. German system for an easy access to the teletext pages.

Index