Flat TV

42PFL7803D
52PFL7803D
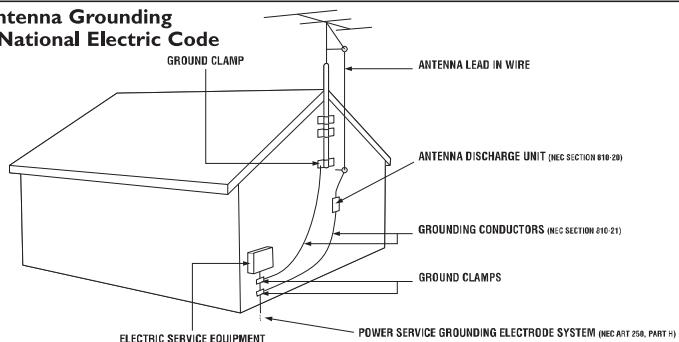
User Manual

PHILIPS

IMPORTANT SAFETY INSTRUCTIONS
Read before operating equipment

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with the manufacturers instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and third grounding prong. The wide blade or third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. This product may contain lead and mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance: www.eiae.org
16. **Damage Requiring Service -** The appliance should be serviced by qualified service personnel when:
    A. The power supply cord or the plug has been damaged; or
    B. Objects have fallen, or liquid has been spilled into the appliance; or
    C. The appliance has been exposed to rain; or
    D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
    E. The appliance has been dropped, or the enclosure damaged.
17. **Tilt/Stability-** All televisions must comply with recommended international global safety standards for tilt and stability properties of its cabinet design.
    - Do not compromise these design standards by applying excessive pull force to the front, or top, of the cabinet which could ultimately overturn the product.
    - Also, do not endanger yourself, or children, by placing electronic equipment/toys on the top of the cabinet. Such items could unsuspectingly fall from the top of the set and cause product damage and/or personal injury.
18. **Wall or Ceiling Mounting-** The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
19. **Power Lines-** An outdoor antenna should be located away from power lines.
20. **Outdoor Antenna Grounding-** If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges. Section 810 of the National Electric Code, ANSI/NFPA No. 70-1984, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding connectors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Figure below.
21. **Object and Liquid Entry**
    - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
    a) Warning: To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.
22. **Battery Usage CAUTION-**To prevent battery leakage that may result in bodily injury, property damage, or damage to the unit:
    - Install all batteries correctly, with + and - aligned as marked on the unit.
    - Do not mix batteries (old and new or carbon and alkaline, etc.).
    - Remove batteries when the unit is not used for a long time.

Note to the CATV system installer: This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

Example of Antenna Grounding as per NEC - National Electric Code

GROUND CLAMP

ANTENNA LEAD IN WIRE

ANTENNA DISCHARGE UNIT (NEC SECTION 810-20)

GROUNDING CONDUCTORS (NEC SECTION 810-21)

GROUND CLAMPS

ELECTRIC SERVICE EQUIPMENT

POWER SERVICE GROUNDING ELECTRODE SYSTEM (NEC ART 250, PART H)

Warranty

No components are user-serviceable. Do not open or remove covers to the inside of the product. Repairs may only be done by Philips Service Centers and official repair shops. Failure to do so shall void any warranty, stated or implied. Any operation expressly prohibited in this manual, any adjustments, or assembly procedures not recommended or authorized in this manual shall void the warranty.

Pixel characteristics

This LCD product has a high number of color pixels. Although it has effective pixels of 99,999% or more, black dots or bright points of light (red, green or blue) may appear constantly on the screen. This is a structural property of the display (within common industry standards) and is not a malfunction.

Compliance with EMF

Koninklijke Philips Electronics N.V. manufactures and sells many products targeted at consumers, which, like any electronic apparatus, in general have the ability to emit and receive electromagnetic signals.

One of Philips' leading Business Principles is to take all necessary health and safety measures for our products, to comply with all applicable legal requirements and to stay well within the EMF standards applicable at the time of producing the products.

Philips is committed to develop, produce and market products that cause no adverse health effects.

Philips confirms that if its products are handled properly for their intended use, they are safe to use according to scientific evidence available today.

Philips plays an active role in the development of international EMF and safety standards, enabling Philips to anticipate further developments in standardization for early integration in its products.

Copyright

VESA, FDMI and the VESA Mounting Compliant logo are trademarks of the Video Electronics Standards Association.

Manufactured under license from BBE Sound, Inc. Licensed by BBE, Inc under one or more of the following US patents: 5510752, 5736897. BBE and BBE symbol are registered trademarks of BBE Sound Inc.

(Available on selected models).

Contents

1. Important

Congratulations on your purchase and welcome to Philips! To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.

Read this user manual before you start to use this product.

In particular, pay close attention to this section and follow the safety and screen care instructions. The product warranty does not apply if damage is caused by failing to follow these instructions.

1.1   Safety

- Two people are required to lift and carry a TV that weighs more than 25 kilos (55lb). Improper handling of the TV can result in serious injury.

- To avoid short circuit, do not expose the TV, remote control or remote control batteries to rain or water.

- To avoid risk of fire or electric shock, do not place the TV, remote control or remote control batteries near naked flame sources (for example, lighted candles) and other heat sources including direct sunlight.

- Do not touch any part of the TV, power connector or antenna cable during lightning storms.

- Do not install the TV in a confined space such as a bookcase. Leave a space of at least 10cm (four inches) around the TV for ventilation. Be sure air flow is not obstructed.

- If mounting the TV on a flat surface, be sure to use only the supplied stand and to mount the TV on a level, solid surface. Do not move the TV if the stand is not properly screwed to the TV.

- Wall mounting of the TV should only be performed by qualified personnel. The TV must only be mounted on an appropriate wall bracket and on a wall that can safely hold the weight of the TV. Improper wall mounting can result in severe injury or damage. Do not attempt to wall mount the TV yourself.

- If the TV is mounted on a swivel base or swivel arm, ensure no strain is placed on the power cord when the TV is swivelled. Strain on the power cord can loosen connections and cause arcing or fire.
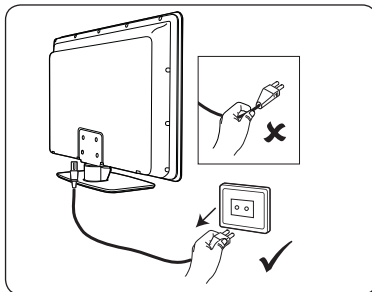
- Do not place the TV on the cord or anything else that can pinch the cord or loosen the mains plug. An improperly connected mains plug or damaged mains cord can cause arcing, fire or electric shock.

- Be sure that you have full access to the mains cord for easy disconnection of the TV from the mains.

- When disconnecting the TV from the mains, be sure to:

  - Turn off the TV, then the mains power (if available).

  - Unplug the mains cord from the mains socket outlet.

  - Unplug the mains cord from the power connector at the back of the TV. Always pull the mains cord by the plug. Do not pull the mains cord.

- Permanent hearing loss may occur if you use earphones or headphones at high volumes. Though high volume may sound normal over time, it can damage your hearing. To protect your hearing, limit the amount of time you use earphones or headphones at high volume.

- Although your TV consumes very little power when in standby, energy continues to be consumed as long as the mains remain connected and powered. When not in use for extended periods of time, switch off and disconnect the TV from the mains.

1.2   Screen care

- Turn off and unplug the mains cord before cleaning the screen.

- Clean the screen with a soft, dry cloth. Do not use substances such as household cleaning agents as these may damage the screen.
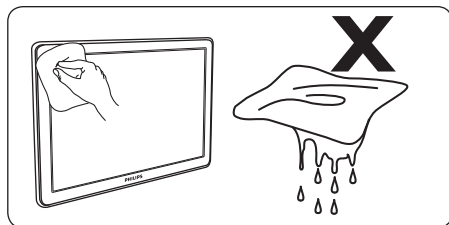
- To avoid deformations or color fading, wipe off water droplets as soon as possible.

- Do not touch, push, rub or strike the screen with hard objects as this may damage the screen permanently.

- Where possible, avoid stationary images that remain on-screen for extended periods of time. Examples include screen menus, teletext pages, black bars or stock market tickers. If you must use stationary images, reduce the screen contrast and brightness to avoid screen damage.

1.3   Environmental care

- This product is designed and manufactured for material recycling.

- Recycle the product packaging at your local recycling center and dispose of used batteries according to local regulations.

- Do not dispose the product with household waste. Ask your dealer for information on how to safely dispose of the product. Uncontrolled waste disposal harms both the environment and human health (EEC 2002/96/EC).

- This TV consumes minimal energy in standby mode to minimize environmental impact. Active power consumption is displayed at the back of the TV.

⚠ Caution: This is Class 1 apparatus. It must be connected to a mains socket out with a protective earthing connection.

2. Overview of television controls and connectors

2.1 Side controls
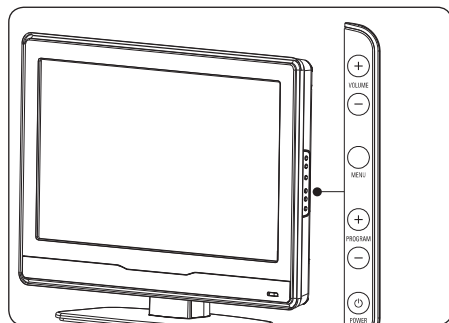
1. **VOLUME + / -**
   To increase or decrease volume.

2. **MENU**
   To display the on-screen menus or to exit from the on-screen menus.
   The **CH + /-** buttons can be used to navigate the menu items.
   The **VOLUME + / -** buttons can be used to select the menu items.

3. **CHANNEL + / -**
   To select the TV channel.

4. **POWER** ⏻
   To turn off or turn on the TV.

2.2 Side connectors
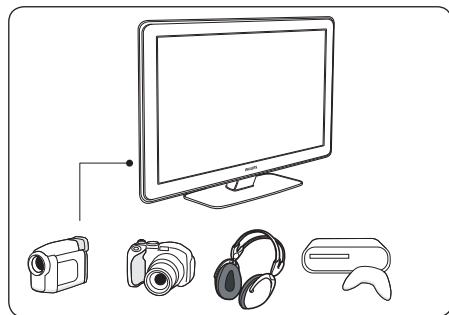
Use the side connectors for mobile devices such as a digital camera or game console. You can also connect a pair of headphones.

2.3 Rear connectors
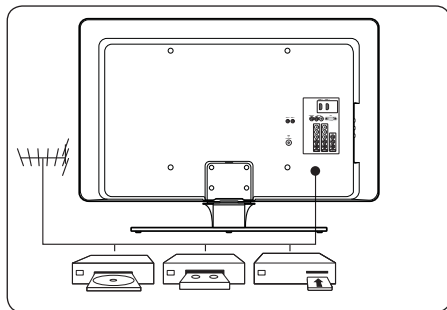
Use the rear connectors for antenna and permanent devices such as a high-definition disc player, DVD player or VCR.

⊜ **Note:** For more information about TV connections, refer to the Quick Start Guide.

If necessary, refer to the *Quick Start Guide* for stand mounting instructions.

2.4 Position the TV

Consider the following before positioning your TV:

• The ideal viewing distance for watching TV is three times its screen size.

• Position the TV where light does not fall directly on the screen.

• Connect your devices before you position your TV.
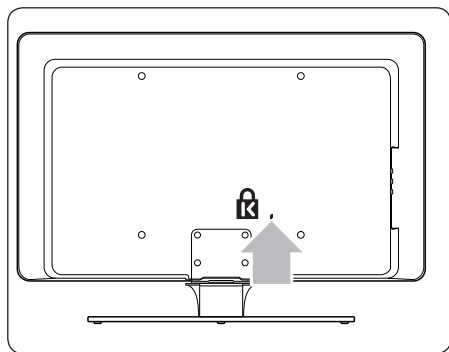
• Your TV is equipped with a Kensington Security Slot at the back of the TV.

   If connecting an anti-theft Kensington lock (not supplied), position the TV within reach of a permanent object (such as a table) that can be easily attached to the lock.

• For the best Ambilight effect, position the TV 10cm (four inches) to 20cm (eight inches) away from the wall. Ambilight also works best in a room with dim lighting.

2.5 Install the remote control batteries
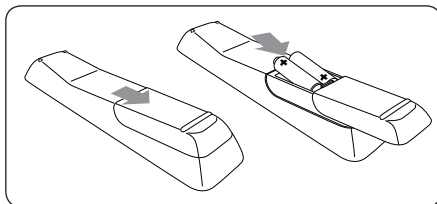
1. Slide the battery cover off the back of the remote control.

2. Insert the two supplied batteries. Be sure the + and - ends of the batteries line up with the markings inside the case.

3. Slide the cover back into position.

⊜ **Note:** Remove the batteries if not using the remote control for an extended period of time.

2.6 Use the Source List

The source list lets you select the audio and video source that your device is connected to.

1. Press **SOURCE** to display the audio and video source list.

2. Press ▼ or ▲ to highlight your AV source and press **OK** to select.
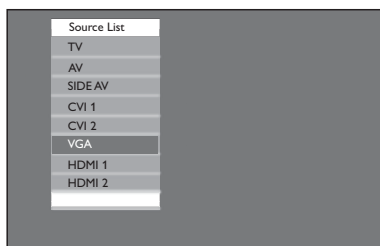
Source List:

• **TV**: Normal TV broadcast via the 75-ohm antenna connector.

• **AV**: Composite video and audio output.

- **SIDE AV**: Headphone jack, Composite video and audio, and S-Video input.

- **CVI 1**: Component video (Y Pb Pr) with Component audio input.

- **CVI 2**: Component video (Y Pb Pr) with Component audio input.

- **VGA**: Video Graphics Array with audio input.

- **HDMI 1**: High Definition Multimedia Interface input.

- **HDMI 2**: High Definition Multimedia Interface input.

- **Side HDMI:** High Definition Multimedia Interface input.

  Refer to *Quick Start Guide* for connection instructions.

2.7   Wall-mount the TV

⚠ WARNING:
Wall mounting the TV should only be performed by qualified installers. Koninklijke Philips Electronics N.V. bears no responsibility for improper mounting that results in accident or injury.

Use VESA-compatible bracket

1. Purchase a VESA-compatible wall bracket Depending on the size of your TV screen, purchase one of the following wall brackets:

2. Remove the TV stand.

⊜ Note:
These instructions are only applicable to TV models with mounted stands. If your TV stand is not mounted, see *Secure the VESA-compatible wall bracket to the TV* on this page. Carefully place the TV face down on a flat, stable surface that is covered by soft cloth. The cloth should be thick enough to protect your screen.
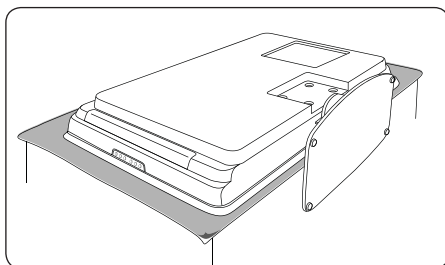
3. Using a cross-head screwdriver (not supplied), unscrew the four screws that secure the stand to the TV.
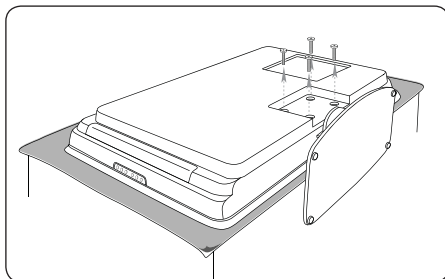
4. Firmly pull the stand from the bottom of the TV. Place both the stand and screws in a secure location for future reinstallation.
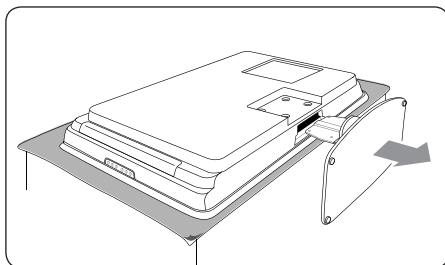
Secure the VESA-compatible wall bracket to the TV

Connect the antenna cable, mains cord and all other devices to the back of the TV as described in the *Quick Start Guide*.

1. Locate the four mounting nuts at the back of the TV.
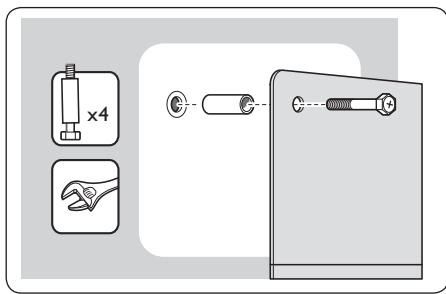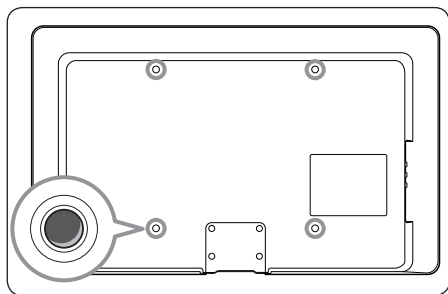
2. Align the plate/bracket to the four mounting nuts, placing the spacers (not supplied) between the plate/bracket and the mounting nuts.

   Using a spanner, insert the bolts through the plate/bracket and spacers, tightly

   securing the bolts to the mounting nuts.

3. Continue with the instructions provided with your VESA-compatible wall bracket.

⚠ **WARNING:**
Use the correct bolts and spacers (see table) to secure the VESA-compatible wall bracket to your TV.

⊜ **Note**: Depending on your VESA-compatible wall bracket, you may need to separate the mounting plate from the wall bracket for easier installation. Refer to your VESA-compatible wall bracket documentation for instructions.

TV screen size (in /cm)	VESA-compatible wall bracket (mm)	Bolt and spacer type	Special instructions
32" / 82cm	Adjustable 300 x 300.	4 of M6 x 10mm steel bolt or 4 of M6 x 50mm steel bolt with 40mm spacer.	Adjust bracket to 200 x 300 before securing to the TV.
42" / 107cm or larger	Fixed 400 x 400.	4 of M8 x 15mm steel bolt or 4 of M8 x 55mm steel bolt with 40mm spacer.	None.

3.   Overview of remote control keys and functions

1. **POWER** ⏻
   To switch the TV to standby mode if it is already turned on. Or to turn on TV when it is in standby mode.

2. **SOURCE**
   To display the input source list or to cycle through list of input sources by repeatedly pressing button.

3. **SMART MODE**
   To select or cycle through predefined picture and sound settings

4. **AMBILIGHT ON/OFF**
   To turn on or turn off Ambilight.

5. **SURF**
   To channel surf up to 8 channels.

6. **Color buttons (Digital mode only)**
   To use preset functions on the on-screen display.

7. **ANA / DIGI**
   To toggle between analog and digital modes.

8. **CURSOR**
   To navigate and select menu items and adjust individual settings

9. **BACK**
   To return to the previous menu.

10. **ANALOG MENU**
    To switch the menu on or off in analog mode.

11. **VOL** (Volume + / -)
    To turn up or turn down the sound level.

12. **MUTE**
    To turn the speaker sound on or off.
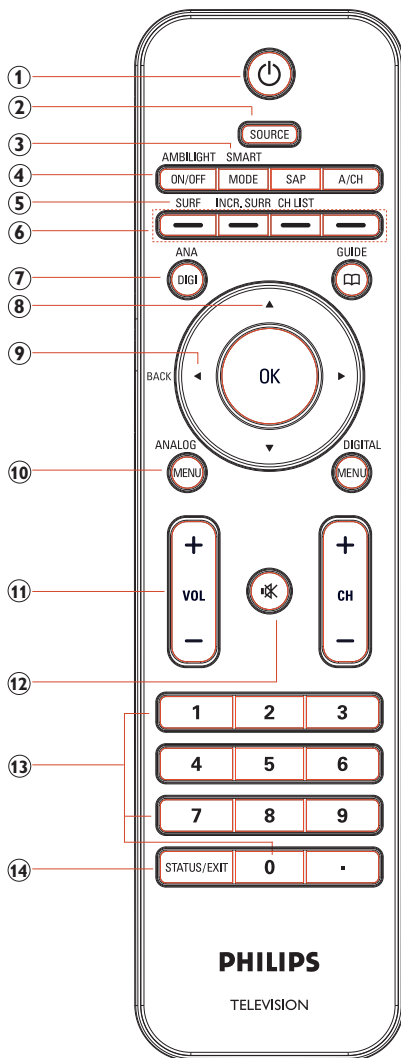
13. **Numeric (0-9)**
    To enter channel number, set time or timer.

14. **STATUS / EXIT**
    To display information on the current channel or to exit on-screen menus.

15. **SAP**
    To select **SAP**, **Stereo** or **Forced Mono**.

16. **A/CH** (Alternate Channel)
    To display the last viewed channel and the current channel.

17. **INCR. SURR**
    To enable Incredible Surround in stereo mode and Spatial in mono mode.

18. **CHANNEL LIST**
    To display the list of available channels.

19. **GUIDE (Digital mode only)**
    Electronic Program Guide button
    To get program listings and information.

20. **OK**
    To select menu items or confirm a selection.

21. **DIGITAL MENU**
    To switch the menu on or off in digital mode.

22. **CH** (Channel + / -)
    To switch to the next or previous channel.

23. **Dot (Digital mode only)**
    To enter values for minor channels (example: 36.5).

✪ **Tip**: Press **OK** or press ▶ to select menu items or confirm your selection.
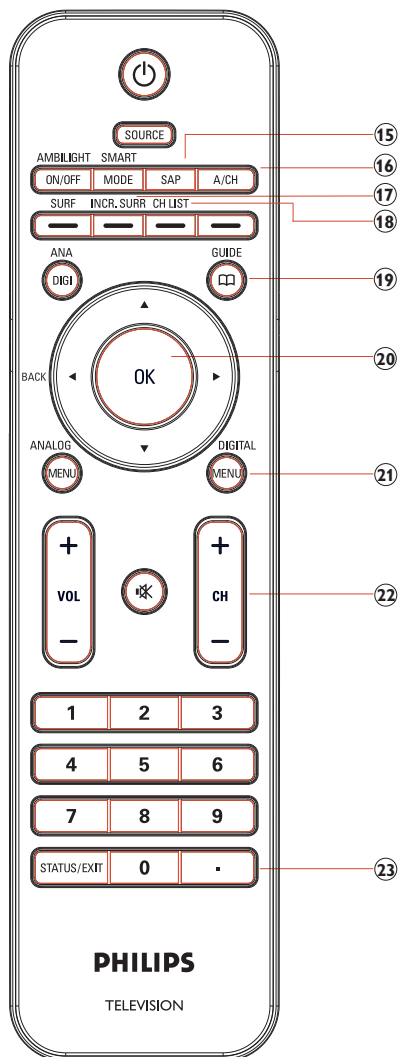
4. Use your TV in digital mode

4.1 Get Started

- When the TV is powered-on for the first time you are prompted to run auto install to receive the channels that are broadcasted locally.

- Auto installation takes 20 to 40 minutes depending on the number of channels that are transmitted by the cable provider or broadcaster.

- When the TV is not receiving any signal from the antenna or cable, **NO SIGNAL** appears on the TV screen. This can be caused by the antenna or cable not being plugged in correctly or when the wrong tuner mode is selected.

- When no transmission is received from the broadcaster, **NO PROGRAM** appears on the TV screen.

- You cannot receive pay channels when using direct antenna / cable connection to the television.

- When the set-top box is connected to the television using coaxial cable, auto-program the television for the set-top box source channel and change the channels at the set-top box to view the program.

- When the set-top box is connected to the television using AV connection, select the television input source for the set-top box to view the program. Change the channels at the set-top box to view the program.

4.2 Switch on the TV for the first time

When you turn on TV for the first time, the TV is in digital mode. You must set the language and add new services.

Setup your language and services

1. Press ▶ to enter **Language** and ▲ or ▼ to select your preferred language.

2. Press **OK** to confirm.
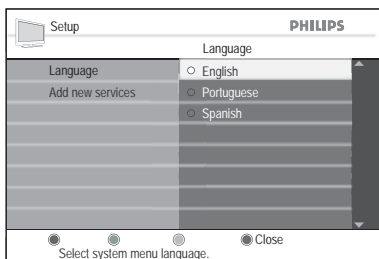
3. Press ▼ to select **Add new services**.

4. Press **OK** to start the installation. The TV searches for the available analog and digital channels.
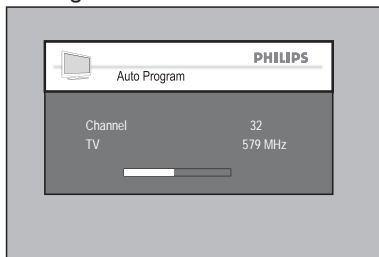
When scanning has completed, a pop-up window displays information on the number of analog and digital services found.

```
Setup | Installation                    PHILIPS
                    Total 1 Channels Found
        Current Scanning           69/69
        Scan percentage
        ||||||||||||||||||||||
   Information
   Analog TV services:              1
   Analog Radio services:           1
   Digital TV services:             1
   Digital Radion services:         0
        Yes
   A service scan is in progress, please press OK to stop.
```

5. If no digital channels are detected, press **ANA/DIGI** to switch to analog mode.

4.3 Understand the information banner

When you select a digital program, an information banner is displayed at the top of the screen. The banner disappears after a few seconds.

You can also press **STATUS/EXIT** to display the information banner. When you press **STATUS/EXIT** twice in succession, the TV displays the program description

The information banner provides useful information about the current program such as channel name, program title, start time of program, and so on.


```
1080p √  000.0000  TV GloboHD  The Fairly Odd Parents  16:35 ▭▭▭ 16:50  16:48
① ②    ③      ④        ⑤           ⑥ ⑦ ⑧         ⑨
```
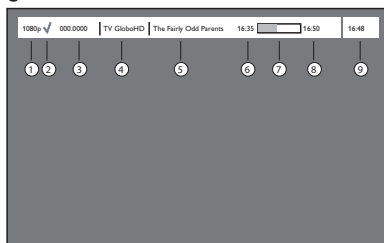
1. **Resolution**: Indicates resolution type, for example: 1080p.

2. **Favorite list indication**: Indicated by a tick if you have added this program to your favorite list setting.

3. **Channel number** :In the format: 000:0000

4. **Channel name**

5. **Program title**

6. **Program start time**

7. **Program time progress bar** :Displays time left indicator bar.

8. **Program end time**

9. **Clock** :Current time.

4.4 Install channels

Check for new TV channels

Check the availability of TV channels that have been launched by the broadcaster after you have installed the TV.

1. Press **SOURCE** and ▲ or ▼ to select **Digital TV** from the source list.

2. Press **DIGITAL MENU** to display the on-screen menu.


```
                                   PHILIPS
      Setup
      Favorites          Service List
      Preferences        Service Setup
      Access Restrictions Restore Default
      Installation
      System
```
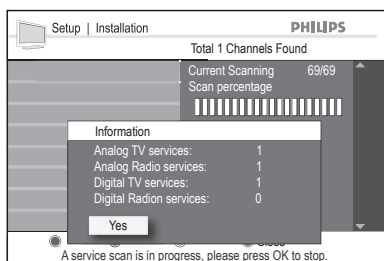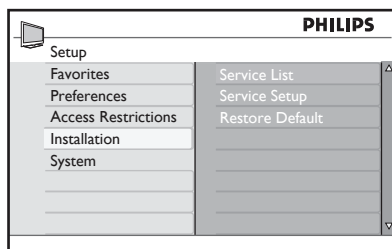
3. Select **Installation** > **Service List** and press ►.


```
   Setup | Installation              PHILIPS
       Service List          Rearrange Services
   Rearrange Services        Uninstall services
   View new TV Channels      Move services


                                         Close
```
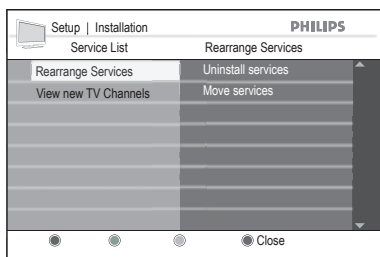
4. Press ▲ or ▼ to select **View new TV**

Channels.

5. If new services are available, press ▶ button to enter into the list of services, and press ▲ or ▼ to move through the list.

```
Setup | Installation | Service List          PHILIPS
           View TV Channels

05.1 - TV GloboHD
05.3 - TV GLOBO M

                            Signal Strength:
                            ▐▐▐▐▐▐▐▐☐☐☐☐☐☐
                            Signal Quality:
                            ▐▐▐▐▐▐▐▐▐▐▐▐▐☐☐
      ●      ●      ●        ● Close
           Select the service(s) to change channel.
```

For information about how to add new services to your list of favorite channels, see *Add new channels to your list* on this page.

6. Press the ◀ to return to the previous menu or press **DIGITAL MENU** to exit.

✻ **Tip:** Press **ANA/DIGI** to switch between the digital and analog modes.

Add new channels to your list

Search for new TV channels that have been launched by the broadcaster after the initial installation.

1. Press **SOURCE** and press ▲ or ▼ to select **Digital TV** from the source list.

2. Press **DIGITAL MENU** to display the on-screen menu.

3. Select **Installation** > **Service Setup** and press ▶.

```
Setup | Installation                  PHILIPS
        Service Setup      Add newServices

Add newServices         Add new services
Reinstall services
Manual install services

      ●      ●      ●        ● Close
```

4. Press ▶ to **Add new services** and press **OK** to activate the installation. A search begins. Any new channels are added to the channel list menu. The percentage of the installation completed and the number of channels found are displayed.

5. When the search is complete, press **OK** to accept the new services.

6. Press ◀ to return to the previous menu or press **DIGITAL MENU** to exit.

✻ **Tip:** Press **ANA/DIGI** to switch between the digital and analog modes.

Reinstall all channels

This option lets you reinstall all the digital TV channels.

1. Press **SOURCE** and ▲ or ▼ to select **Digital TV** from the source list.
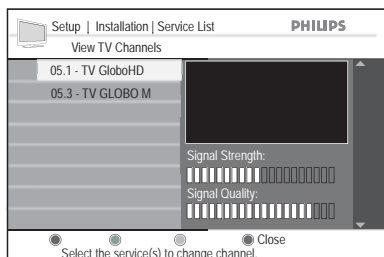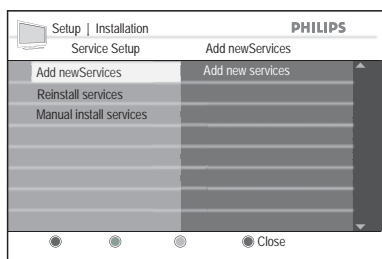
2. Press **DIGITAL MENU** to display the on-screen menu.

3. Select **Installation** > **Service Setup** > **Reinstall services** and press ▶

```
Setup | Installation | Reinstall services   PHILIPS
                 Total 1 channels found

05.1 - TV GloboHD       Scan status        8/68
                        Scan percentage
                        ▐▐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

      ●      ●      ●        ● Close
         A service scan is in progress, please press OK to stop.
```

⚠ Caution: Reinstalling services overwrites all your previously stored channels.

4. Press **OK** to start the installation.
    A search is for digital services is started. The services are stored automatically. When the search is complete, the menu indicates the number of digital services found.

    When searching is complete, a list of stored channels is displayed.

5. Press **OK** to store the services.

6. Press ◄ to return to the previous menu or press **DIGITAL MENU** to exit.

✹ **Tip:** Press **ANA/DIGI** to switch between the digital and analog modes.

Install digital channels manually

Manually scan services by entering the frequency of your target channel.

1. Press **SOURCE** and ▲ or ▼ to select **Digital TV** from the source list.

2. Press **DIGITAL MENU** to display the on-screen menu.
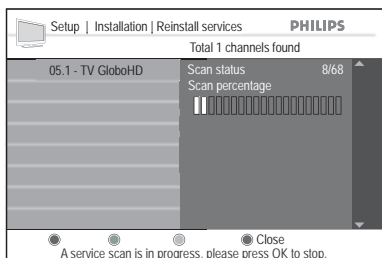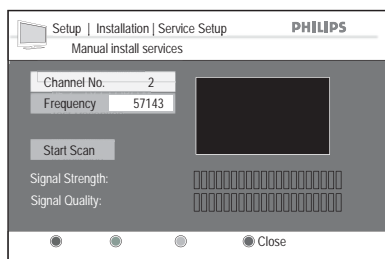
3. Select **Installation** > **Service Setup** > **Manual install services** and press ►.

4. Press ◄ and ► to select the channel number, and ▼ to select **Start Scan**.

5. Press **OK** to start the search.

6. When the search is complete, press **OK** to accept the new service.

7. Press ◄ to return to the previous menu or press **DIGITAL MENU** to exit.

✹ **Tip:** Press **ANA/DIGI** to switch between the digital and analog modes.

Change the order of stored channels

Change the order of the digital channels that you have stored.

1. Press **SOURCE** and ▲ or ▼ to select **Digital TV** from the source list.

2. Press **DIGITAL MENU** to display the on-screen menu.

3. Select **Installation** > **Service List** > **Rearrange Services** and press ►.

4. Press ► to select **Uninstall services** and press ▲ or ▼ to select the program to uninstall.

5. Press ► to return to the previous menu and ▼ to select **Move services**.

6. Press ▲ or ▼ to highlight the program, and press **OK** to select.

7. Press ▲ or ▼ move the program to the order you want, and press **OK** to confirm.
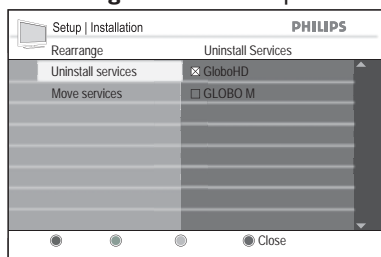
8. Repeat the above steps to move other channels.

9. Press ◄ to return to the previous menu or press **DIGITAL MENU** to exit.

✳ **Tip:** Press **ANA/DIGI** to switch between the digital and analog modes.

4.5 Set your preferences

Set your language

Select your preferred language, time zone, and digital audio output.

1. Press **SOURCE** and ▲ or ▼ to select **Digital TV** from the source list.

2. Press **DIGITAL MENU** to display the on-screen menu.

3. Select **Preferences** > **Language** and press ►.
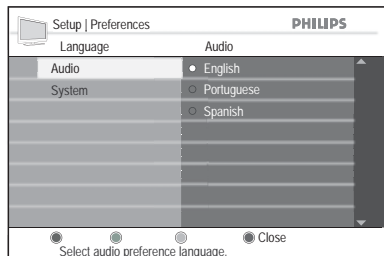
4. Press ▲ or ▼ to select **Audio** or **System** and press **OK**.

5. Press ▲ or ▼ to select the language and press **OK** to confirm.

6. Press ◄ to return to the previous menu or press **DIGITAL MENU** to exit.

Menu options for language

• **Audio**: To select the audio sound language.

• **System**: To select the menu language.

✳ **Tip:** Press **ANA/DIGI** to switch be-

tween the digital and analog modes.

Set your time zone

1. Press **SOURCE** and ▲ or ▼ to select **Digital TV** from the source list.

2. Press **DIGITAL MENU** to display the on-screen menu.

3. Select **Preferences** > **Time Zone** and press ►.

4. Press ▲ or ▼ to select the time zone and press **OK**.

5. Press ◄ to return to the previous menu or press **DIGITAL MENU** to exit.

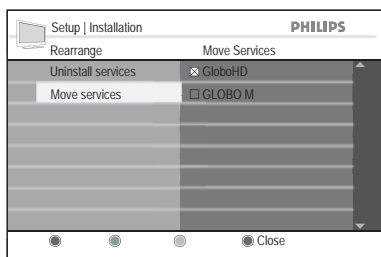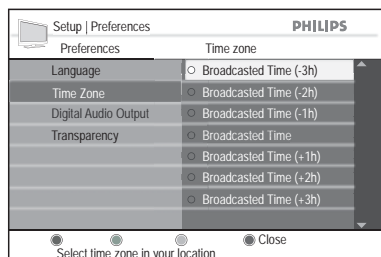✳ **Tip:** Press **ANA/DIGI** to switch between the digital and analog modes.

Set your digital audio output

1. Press **SOURCE** and ▲ or ▼ to select **Digital TV** from the source list.

2. Press **DIGITAL MENU** to display the on-screen menu.

3. Select **Preferences** > **Digital Audio Output** and press ►.

4. Press ▲ or ▼ to select **AAC** or **PCM** output.

Setup | Preferences	PHILIPS
Preferences	Digital Audio Output
Language	● AAC
Time Zone	○ PCM
Digital Audio Output	
Transparency	

●   ●   ●   ● Close
Select AAC for 5.1 system.

5. Press ◄ to return to the previous menu or press **DIGITAL MENU** to exit.

Digital Audio Output

- **AAC**: Advanced Audio Coding (AAC) is a very high quality audio encoding and noise reduction system. It is the audio system you hear in High Definition Television (HDTV) and digital broadcast TV (DTV).

- **PCM**: Pulse Code Modulation (PCM) is a way of transmitting uncompressed digital audio. PCM is used by Audio CDs.

❂ **Tip:** Press **ANA/DIGI** to switch between the digital and analog modes.

Set your menu transparency

Change your menu display from the default opaque to different levels of transparency.

1. Press **SOURCE** and ▲ or ▼ to select **Digital TV** from the source list.

2. Press **DIGITAL MENU** to display the on-screen menu.

3. Select **Preferences** > **Transparency** and press ►.

Setup | Preferences	PHILIPS
Preferences	Transparency
Language	● 0%
Time Zone	○ 20%
Digital Audio Output	○ 40%
Transparency	○ 60%
	○ 80%

●   ●   ●   ● Close

4. Press the ▲ or ▼ button to select the level of transparency.

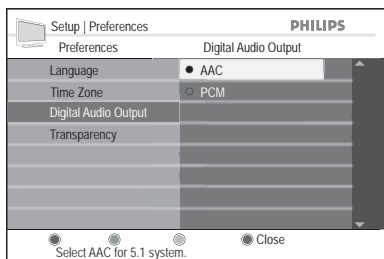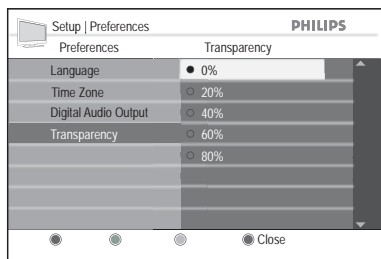5. Press ◄ to return to the previous menu or press **DIGITAL MENU** to exit.

4.6 Restoring to default settings

1. Press **SOURCE** and ▲ or ▼ to select **Digital TV** from the source list.

2. Press **DIGITAL MENU** to display the on-screen menu.

3. Select **Installation** > **Restore Default** and press ►.

Setup | Installation	PHILIPS
Installation	Restore Default
Service List	Restore Default
Service Setup	
Restore Default	

●   ●   ●   ● Close
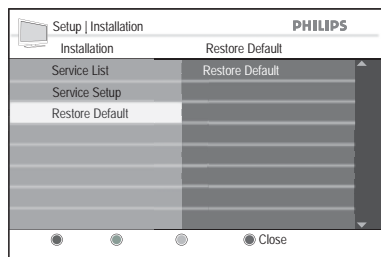
4. Highlight **Yes** to confirm restoring the settings to default.

Settings restored to default

- **Stored channels:** Cleared.

- **Program list:** Cleared.

- **Favorite list:** List names set back to default names.

- **Locked TV channels:** Cleared.

- **Maturity rating:** Blocking cleared.

- **Audio language:** Set to Brazilian Portuguese.

- **Menu language:** Set to Brazilian Portuguese.

- **Digital audio output:** Set to PCM.

- **Time zone:** Set to Broadcasted time.

- **Pin Code:** Reset to "**1234**".

4.7 Control access to digital channels

Restrict access to the digital channels by blocking them with an access PIN code.

Turn on Set PIN Protection
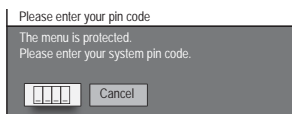
1. Press **SOURCE** and ▲ or ▼ to select **Digital TV** from the source list.

2. Press **DIGITAL MENU** to display the on-screen menu.

3. Select **Access Restrictions** and press ▶.
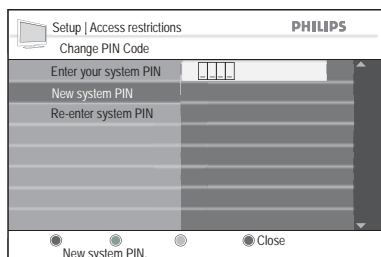
   You are prompted for the PIN code.

   ```
   Please enter your pin code
   The menu is protected.
   Please enter your system pin code.
   [ | | | | ]   Cancel
   ```

4. Enter the default PIN code "**1234**" with the numeric buttons (**0-9**).

   You can access the menu now using the default PIN code.

5. Press the ▲ or ▼ button to highlight **On**, and press **OK** to turn on PIN code protection.
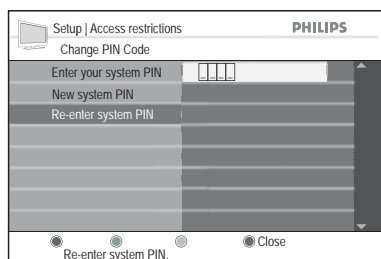
⊜ NOTE:
You cannot navigate the **Access Restrictions** menu items when **Set Pin Protection** is set to **Off**.
Set Pin Protection must be set to **On** for program, content or channel restrictions to be activated.

Change your PIN code

1. Enter the **Access Restrictions** menu as described in *Turn on Set PIN Protection* on this page.

2. Press the ▼ to select **Change Pin Code** and press **OK**.

3. Enter your PIN code using the numeric buttons (**0-9**) on the remote control.

4. Enter your new PIN code.

   ```
   Setup | Access restrictions           PHILIPS
      Change PIN Code
   Enter your system PIN    [ | | | ]
   New system PIN
   Re-enter system PIN

                                   ● Close
        New system PIN.
   ```

5. Enter the new code again to confirm.

   ```
   Setup | Access restrictions           PHILIPS
      Change PIN Code
   Enter your system PIN    [ | | | ]
   New system PIN
   Re-enter system PIN

                                   ● Close
        Re-enter system PIN.
   ```

6. Press ◄ to return to the previous menu or press **DIGITAL MENU** to exit.

✪ **Tip:** If you have forgotten your PIN code, reset the code by pressing "**0711**" followed by "**0711**" to enter a new code.

Reset your PIN code

If you have forgotten your system PIN code, you can reset it to the default PIN code.

7. Enter "**0711**" with the numeric buttons (**0-9**) when prompted for the PIN code.

The TV displays **Incorrect Pin** and prompts you to enter the PIN code again.

> Please enter your pin code
>
> Incorrect Pin
>
> [▯▯▯▯]   [Cancel]

8. Enter "**0711**".

9. The PIN code is reset to the default factory setting of "**1234**".

> Please enter your pin code
> The default pin code is set.
> Please change it to your own system pin code
> Please enter your system pin code to change setting.
>
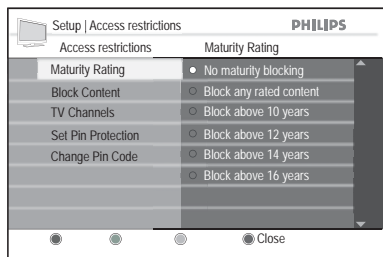> [▯▯▯▯]   [Cancel]

10. Enter "**1234**" with the numeric buttons (**0-9**).

    You can continue using this default PIN code or change the PIN code by selecting **Change Pin Code** in the **Access Restrictions** menu.

Restrict access to programs with Maturity rating

Restrict access to the digital programs (that are rated by the broadcaster) using the Maturity rating.

1. Enter the **Access restrictions** menu as described in *Turn on Set PIN Protection* on the previous page.

2. Press ▼ to select **Maturity Rating** and press **OK** to see the list of ratings.
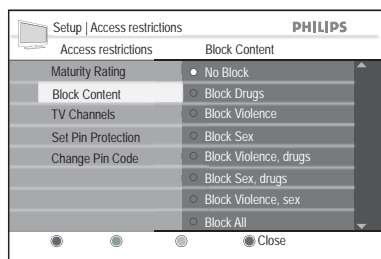
> Setup | Access restrictions   **PHILIPS**
> Access restrictions   Maturity Rating
>
> | Maturity Rating | ● No maturity blocking |
> | Block Content | ○ Block any rated content |
> | TV Channels | ○ Block above 10 years |
> | Set Pin Protection | ○ Block above 12 years |
> | Change Pin Code | ○ Block above 14 years |
> | | ○ Block above 16 years |
>
> ●   ●   ●   ● Close

3. Press ▲ or ▼ to select the rating and press **OK** to confirm.

> **Note:** You are prompted to enter the PIN code if the TV program is blocked by the **Maturity Rating** filter. Enter the PIN code to temporarily access the program.

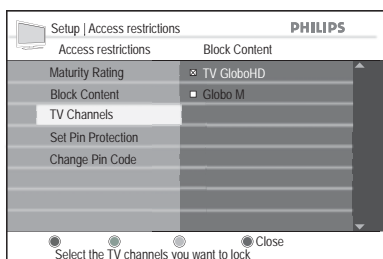**Restrict access to TV programs with Block Content**

1. Enter the **Access restrictions** menu as described in *Turn on Set PIN Protection* on the previous page.

2. Press ▼ to select **Block Content** and press **OK**.

3. Press the ▲ or ▼ buttons to select the type of content to be blocked from access. and press **OK**

> Setup | Access restrictions   **PHILIPS**
> Access restrictions   Block Content
>
> | Maturity Rating | ● No Block |
> | Block Content | ○ Block Drugs |
> | TV Channels | ○ Block Violence |
> | Set Pin Protection | ○ Block Sex |
> | Change Pin Code | ○ Block Violence, drugs |
> | | ○ Block Sex, drugs |
> | | ○ Block Violence, sex |
> | | ○ Block All |
>
> ●   ●   ●   ● Close

.

> **Note:** A pop-up window prompts you to enter the PIN code if the TV program is blocked by the **Block Content** filter. Enter the PIN code to temporarily access the program.

Restrict access to TV channels

1. Enter the **Access restrictions** menu as described in *Turn on Set PIN Protection* on the previous page.

2. Press ▲ to select **TV Channels** and press the ▶ button.

3. Press ▲ or ▼ buttons to highlight the TV channel to restrict.

4. Press **OK** to restrict the TV channel.

   An 'X' marks the check box to indicate the channel is locked.

Setup	Access restrictions	PHILIPS
Access restrictions	Block Content
Maturity Rating	⊙ TV GloboHD
Block Content	☐ Globo M
TV Channels	
Set Pin Protection	
Change Pin Code	

⦿   ⦿   ⦿   ⦾ Close
Select the TV channels you want to lock

⊜ Note:
To unlock the TV channel, highlight the TV channel and press OK to uncheck the box.
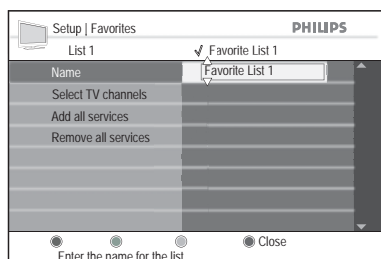
4.8   Setup your favorite channels

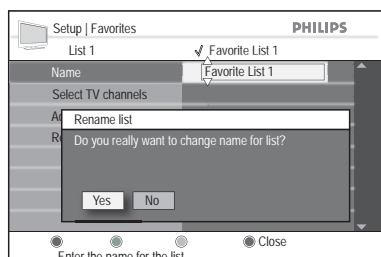Create a list of up to four of your favorite TV channels.

1. Press **SOURCE** and ▲ or ▼ to select **Digital TV** from the source list.

2. Press **DIGITAL MENU** to display the on-screen menu.

3. Select **Favorites** > list number (**List 1** to **List 4**) and press **OK**.

4. Press the ▶ button to enter the **Favorites** setting options.

Change the Favorite List name

1. Press ◀ or ▶ to move the cursor over the character of the name list, and press ▲ or ▼ buttons to scroll through the character list.
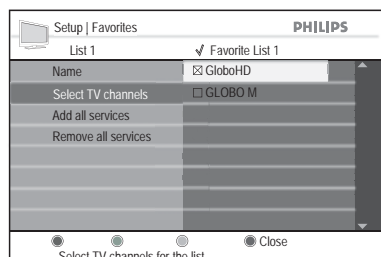
2. Press **OK** to confirm.

Setup	Favorites	PHILIPS
List 1	√ Favorite List 1
Name	Favorite List 1
Select TV channels	
Add all services	
Remove all services	

⦿   ⦿   ⦿   ⦾ Close
Enter the name for the list.

3. Select **Yes** and press **OK** to confirm changing the list name.

Setup	Favorites	PHILIPS
List 1	√ Favorite List 1
Name	Favorite List 1
Select TV channels	

Rename list
Do you really want to change name for list?

Yes   No

⦿   ⦿   ⦿   ⦾ Close
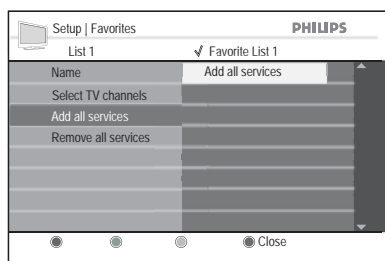Enter the name for the list

Select the TV channels

1. Press ◀ or ▶ to navigate the list of channels to select.

2. Press **OK** to select. An 'X' marks the check box to indicate the channel or station is selected.
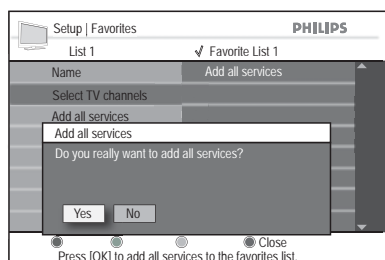

Setup	Favorites	PHILIPS
List 1	√ Favorite List 1
Name	☒ GloboHD
Select TV channels	☐ GLOBO M
Add all services	
Remove all services	

⦿   ⦿   ⦿   ⦾ Close
Select TV channels for the list.

Add all services to the favorite list

1. Press **OK** to add all the services to the favorite list.

```
Setup | Favorites                    PHILIPS
List 1                    ✓ Favorite List 1
Name                        Add all services
Select TV channels
Add all services
Remove all services



     ○        ○        ○        ● Close
```

2. Select **Yes** and press **OK** to confirm adding all the services.


```
Setup | Favorites                    PHILIPS
List 1                    ✓ Favorite List 1
Name                        Add all services
Select TV channels
Add all services
  Add all services
  Do you really want to add all services?


       Yes    No
     ○        ○        ○        ● Close
Press [OK] to add all services to the favorites list.
```

3. Press ◄ to return to the previous menu or press **DIGITAL MENU** to exit.

Remove all services to the favorite list

1. Press the **OK** button to remove all the services from the favorite list.

2. Select **Yes** and press **OK** to confirm removing all the services.

3. Press ◄ to return to the previous menu or press **DIGITAL MENU** to exit.

✪ **Tip:** Press **ANA/DIGI** to switch between the digital and analog modes.
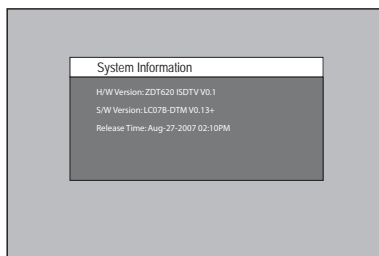
4.9 Update your TV

View the current version information of the TV software or install new versions when they are available.

Viewing the current software version

1. Press **SOURCE** and ▲ or ▼ to select **Digital TV** from the source list.

2. Press **DIGITAL MENU** to display the on-screen menu.

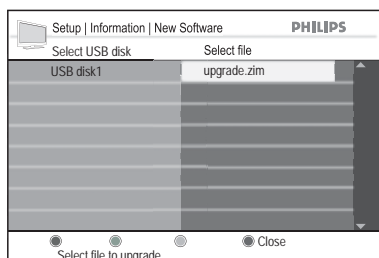3. Select **System** > **Current Software Version,** and press **OK**.

   The software version is displayed.


```
        System Information
   H/W Version: ZDT620 ISDTV V0.1
   S/W Version: LC07B-DTM V0.13+
   Release Time: Aug-27-2007 02:10PM
```
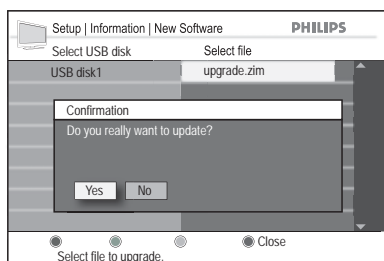
⊜ **Note:** Screen information may differ depending on your software version.
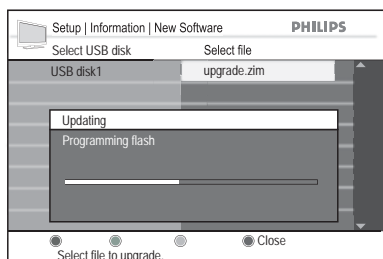
Installing new software

1. Switch off the TV set from the wall socket mains. Insert your USB device to the USB port at the rear panel of the TV set and switch on the set.

2. Press **SOURCE** and ▲ or ▼ to select **Digital TV** from the source list.

3. Press **DIGITAL MENU** to display the on-screen menu.

4. Select **System** > **New Software,** and press **OK**

5. Press **OK** to select the USB disk and press **OK** again to select the filename.


```
Setup | Information | New Software   PHILIPS
Select USB disk          Select file
USB disk1                upgrade.zim



     ○        ○        ○        ● Close
Select file to upgrade.
```

6. Select **Yes** and press **OK** to confirm.

A pop-up window displays an indicator bar while the update is in progress.

When the update completes, the screen goes blank momentarily.

7. Switch off the TV set from the wall socket mains for one to two seconds.

8. Switch on the TV set again. The new software is installed.

4.10 Get program listings

Access the Electronic Program Guide which provides detailed information about the digital programs.

1. Press **SOURCE** and ▲ or ▼ to select **Digital TV** from the source list.

2. Press **GUIDE** on the remote control. A list of digital programs in the selected favourites list is displayed.

3. Press ▶ to access the **Now** list, and press ▲ or ▼ to select a program.
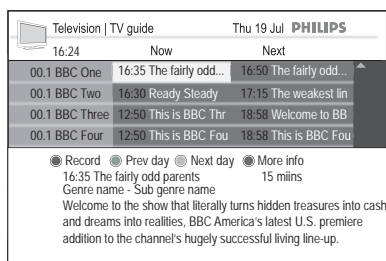
4. Press ◄ to return to the previous screen and press ▶ to access the **Next** list.

5. Press ▲ or ▼ select the date and press the **OK**.
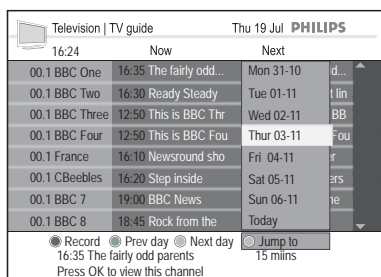
6. Press the colour buttons to activate the TV guide. The TV guide features are displayed at the bottom of the screen.

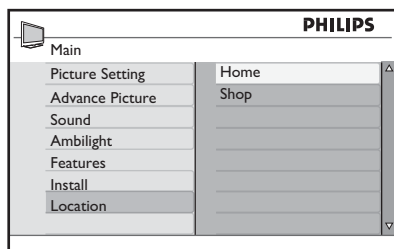7. When you have finished, press **GUIDE** to exit.

⊜ **Note:** Sample screens only. The Electronic Program Guide may differ from your TV set.

5. Use your TV in analog mode

5.1 Select your location

Set the location to suit a shop floor or home environment.

1. Press **SOURCE** and ▲ or ▼ to select **TV** from the source list.

2. Press **ANALOG MENU** to display the on-screen menu.

3. Select **Location** and press **OK**.

4. Press ▼ or ▲ to select the location and press **OK** to confirm.

		PHILIPS
Main		
Picture Setting	Home	△
Advance Picture	Shop	
Sound		
Ambilight		
Features		
Install		
Location		▽

⊜ **Note:** To select your menu language, refer to *Set your language* on page 17.

6. Install channels

6.1 Automatically install channels

1. Press **SOURCE** and ▲ or ▼ to select **TV** from the source list.

2. Press **ANALOG MENU** to display the on-screen menu.

3. Select **Install** > **Auto Program** and press **OK**.
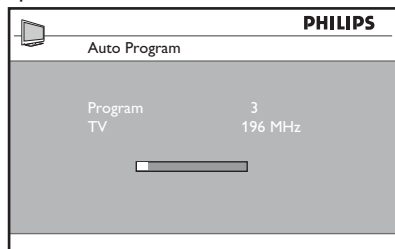
Auto Program starts scanning for channels automatically. When scanning is complete, the first installed channel is displayed.

4. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.

✪ **Tip**: To cancel or interrupt auto searching, press **ANALOG MENU**. Only channels found before interruption are stored.

6.2 Manually install channels

Manually set the TV tuner and system and fine tune the channels.

Change the Tuner Mode

Manually set the tuner system if you have problems using **Auto Program** to search for channels.

1. Press **SOURCE** and ▲ or ▼ to select **TV** from the source list.

2. Press **ANALOG MENU** to display the

on-screen menu.

3. Select **Install** > **Tuner Mode** and press **OK**.

4. Press ▼ or ▲ to select **Auto**, **Antenna** or **Cable,** and press **OK** to select.
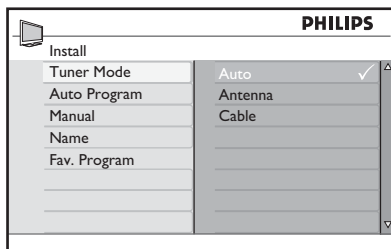
5. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.

Tuner Modes

- **Auto**: Automatically detects if the cable signal input is present.

- **Antenna**: Detects antenna signals and searches for all antenna TV channels available in your local area.

- **Cable**: Detects cable signals and searches for all cable TV channels available in your local area.

Change the TV System

1. Press **SOURCE** and ▲ or ▼ to select **TV** from the source list.

2. Press **ANALOG MENU** to display the on-screen menu.

3. Select **Install** > **Manual** > **System,** and press **OK**.

4. Press ▼ or ▲ to select **Auto**, **NTSC**, **PAL-M** or **PAL-N,** and press **OK** to select.
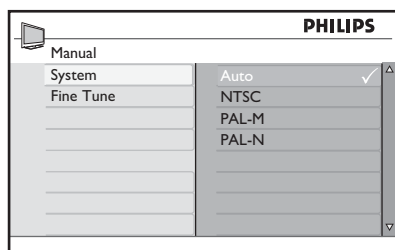
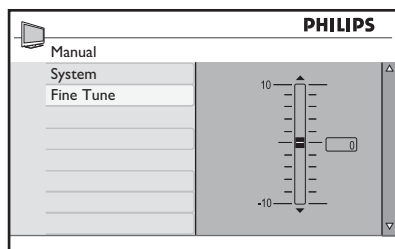5. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.

TV Systems

- **Auto**: Detects the tuner system automatically.

- **NTSC**: For North American and some South American countries.

- **PAL-M**: For Brazil.

- **PAL-N**: For Argentina, Uruguay and Paraguay.

Fine tune your channels

Fine tune the channels after searching them automatically by using **Fine Tune**.

1. Switch to the channel number to fine tune.

2. Press **SOURCE** and ▲ or ▼ to select **TV** from the source list.

3. Press **ANALOG MENU** to display the on-screen menu.

4. Select **Install** > **Manual** > **Fine Tune** and, press **OK**.

5. Press ▼ or ▲ to manually fine tune the
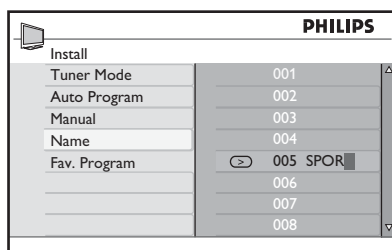
channel reception.

6. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.

6.3 Manage channels

Name your channels

Assign a short name for your channels with the **Name**. This is available in TV mode only.

1. Press **SOURCE** and ▲ or ▼ to select **TV** from the source list.

2. Press **ANALOG MENU** to display the on-screen menu.

3. Select **Install** > **Manual** > **Name,** and press **OK**.

4. Press **OK** to select the first channel number on the list.

5. Press **OK** to start naming the channel.

6. Press ► until a rectangular block cursor appears next to the channel number.

7. Press ▼ or ▲ to cycle through the list (**A-Z**, **0-9**) to select the characters or numbers to use for the channel name.

8. Press **OK** to move the cursor to the second space and assign the next character or number.

    You can use up to 5 characters or numbers to name your channels.

9. Press **OK** to store the name of the channel.

    The channel number and name are

displayed on the top left of the screen.

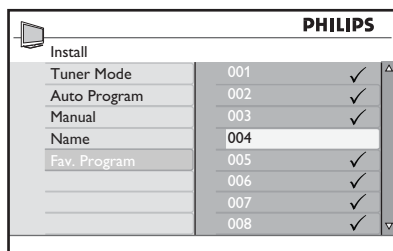10. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.

Store your favorite channels

Fav. **Program** lets you store only the channels you want on a favorite list.

1. Press **SOURCE** and ▲ or ▼ to select **TV** from the source list.

2. Press **ANALOG MENU** to display the on-screen menu.

3. Select **Install** > **Fav. Program** and press **OK**.

4. The list of channel numbers is displayed on the right panel. All channel numbers with a tick (√) are marked as favorite channels.
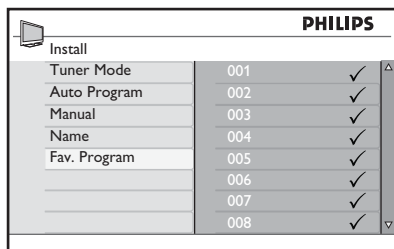
5. Press **OK** to select the first channel number on the list, or press ▼ to move down the list.

6. Press **OK** to remove the tick or add the tick to the corresponding number.

   Only channel numbers with the tick are added to your favorite list. When you use the **CH + / -** buttons on the remote control, only your favorite channels are accessible.

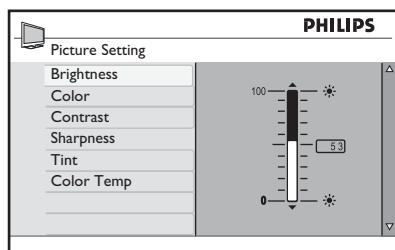7. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.

✳ **Tip**: Press the numeric (**0-9**) to access channels not on the favorite list.

7. Use your TV

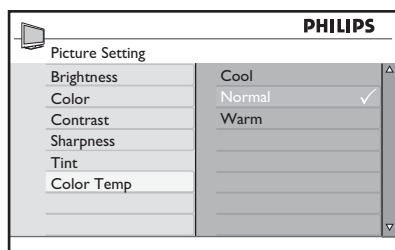## 7.1 Adjust TV settings

Adjust your picture settings

1. Press **SOURCE** and ▲ or ▼ to select **TV** from the source list.

2. Press **ANALOG MENU** to display the on-screen menu.

3. Select **Picture Setting** and press **OK**.

4. Press ▼ or ▲ to highlight the menu items and press **OK** to select.

5. Press ▼ or ▲ to adjust the settings of the menu items.

    Some items have the level indicator bar while some have discreet settings such as **Cool**, **Normal** and **Warm**.

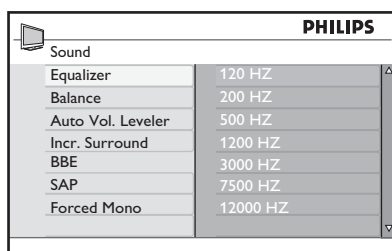6. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.

Picture settings:

- **Brightness**: Adjusts the brightness.

- **Color**: Adjusts color saturation.

- **Contrast**: Adjusts the contrast.

- **Sharpness**: Adjusts the detail level of the picture.

- **Tint:** Adjusts the detail of the skin tones of the picture (TV or AV modes only).

- **Color Temp**: Sets the color to **Cool** (more blue), **Normal** (balanced) or **Warm** (more red).
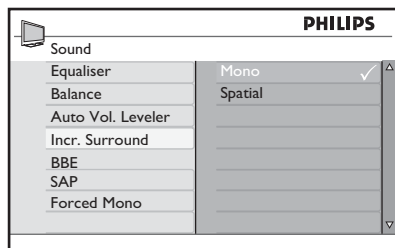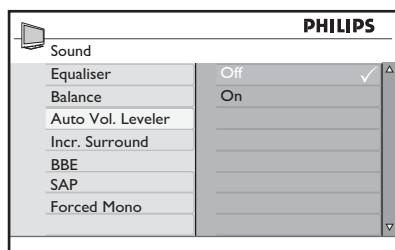
Adjust your sound settings

1. Press **SOURCE** and ▲ or ▼ to select **TV** from the source list.

2. Press **ANALOG MENU** to display the on-screen menu.

3. Select **Sound** and press **OK**.

4. Press ▼ or ▲ to highlight the menu items and press **OK** to select.

5. Press ▼ or ▲ to adjust the settings of the menu items.
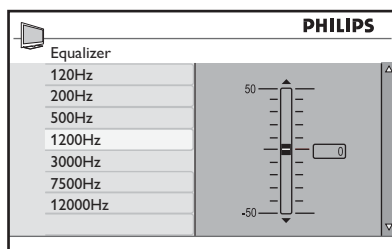
Some items have the level indicator bar, some have discreet settings such as **Mono**, **Spatial**, or **On** and **Off**.

6. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.

Sound settings:

• **Equalizer**: Adjusts each individual frequency (tone).

• **Balance**: Adjusts the left and right speaker sound level.

• **Auto Vol. Leveler**: Controls sudden sound level increase when changing channels or during advertisement slots.

• **Incr. Surround**: Enhances stereo effect. Select **Incr. Surround** or **Stereo** (when in stereo mode) or **Mono** or **Spatial** (when in mono mode).

• **BBE**: Restores clarity and presence for better speech intelligibility and musical realism.

• **SAP**: (Secondary Audio Programming): Activates alternative languages or commentary.

• **Forced Mono**: Select **Off** to leave broadcast signal as is. Select **On** to force the signal to mono.

Note: Select **Stereo** or **Incr. Surround** modes when the TV broadcast is in stereo. Press **INCR. SURR** to toggle with the sound modes.
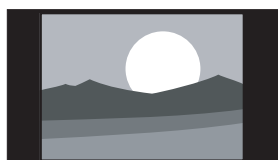
7.2 Change your picture format

Select various screen formats to suit the type of programs you watch.

1. Press ◄ or ► repeatedly to cycle through the available picture formats.

Picture Formats:

• **4:3**: The entire picture is reproduced on the screen with black bands on the left and right of the screen.

Movie Expand 14:9: The picture is enlarged to fit horizontally, with black bands visible at the sides of the screen.
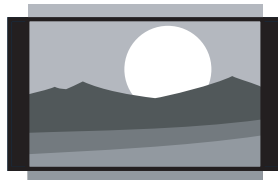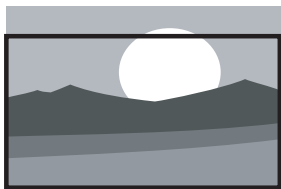

• **Movie Expand 16:9**: The picture is enlarged to fill up the screen. The top and bottom of the picture is cropped.
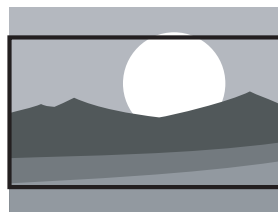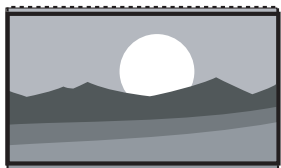

• **Subtitle Zoom**: The 4:3 format program is displayed on the entire screen
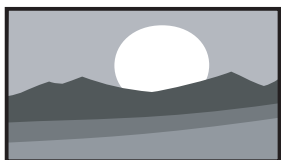
leaving the subtitles area visible. The top of the picture is cropped.

- **Superzoom**: Removes black bands on the sides of the screen of 4:3 format programs.

- **Widescreen**: The picture is displayed in its original proportions.

7.3   Use Smart Mode settings

Smart modes are preset settings to match the different viewing and listening environment.

1. Press **SMART MODE** repeatedly to cycle through the available settings.

    The settings are displayed at the bottom of the screen.
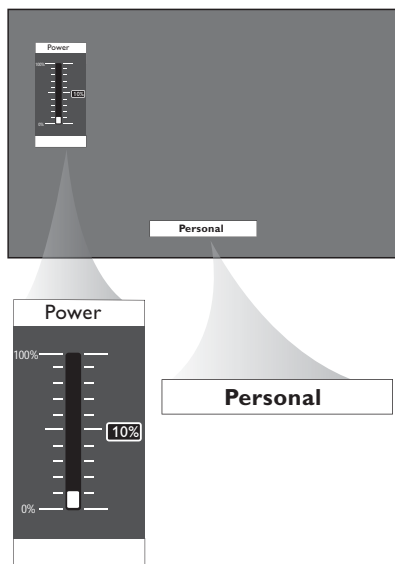
Smart Mode settings:

- **Personal**: Based on the settings you customized in the **Picture Setting** menu.

- **Sports**: Vivid picture settings and clear sound for high action.

- **Standard**: For normal TV viewing.

- **Movie**: Brilliant picture settings for a cinematic experience.

- **Game**: Optimized for PCs and game consoles.

- **Power Saver**: Eco-friendly settings to reduce power consumption.

⊜ **Note:** The Power meter indicates the power consumption for each mode. For example, 10% means this mode uses 10% of the TV's total power consumption.

7.4 Use the Surf feature

Store up to **8** of your favorite channels in the Surf list.

Add channels to your Surf list

1. Press the numeric (**0-9**) buttons or **CH + / -** to switch to your favorite channel.

2. Press **SURF** to display the **Surf** list.

   Only one channel number is displayed on the list. This is the same channel number currently selected.
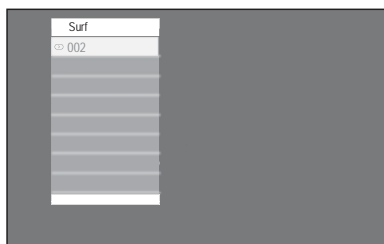
3. Press **OK** to add the channel to the **Surf** list.

   A tick (√) is displayed beside the channel number to indicate that it is stored in the **Surf** list.

4. Repeat the above steps to add more channels to the **Surf** list.

Remove channels from Surf list

1. Press **SURF** to display the **Surf** list.

2. Press ▼ or ▲ to highlight the channel number and press **OK** to remove the channel from the Surf list.

3. Repeat the above steps to remove more

channels while the **Surf** list is currently displayed.

8. Use more of your TV

8.1 Use the Advance Picture features

Use Contrast +

Contrast + optimizes the contrast for overall picture quality.

1. Press **SOURCE** and ▲ or ▼ to select **TV** from the source list.

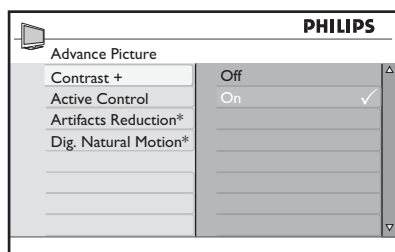2. Press **ANALOG MENU** to display the on-screen menu.

3. Select **Advance Picture** > **Contrast +** and press **OK**.

4. Press ▼ or ▲ to highlight **Off** or **On**, and press **OK** to select.

| PHILIPS |
| Advance Picture |
Contrast +	Off
Active Control	On ✓
Artifacts Reduction*	
Dig. Natural Motion*	

5. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.

Use Active Control

Active Control optimizes picture quality by measuring and analyzing the incoming signal to automatically adjust the picture quality settings.

1. Press **SOURCE** and ▲ or ▼ to select **TV** from the source list.

2. Press **ANALOG MENU** to display the on-screen menu.

3. Select **Advance Picture** > **Active Control** and press **OK**.

4. Press ▼ or ▲ to highlight **Off, On** or

On + Light Sensor, and press **OK** to select.

| PHILIPS |
| Advance Picture |
Contrast +	Off ✓
Active Control	On
Artifacts Reduction*	On + Light Sensor
Dig. Natural Motion*	
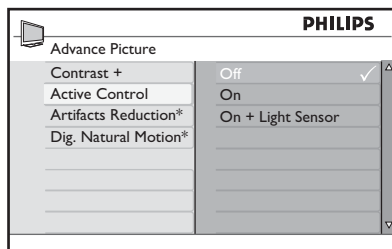
5. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.

Active Control settings

• **Off**: Turns off Active Control.

• **On**: Turns on Active Control.

• **On + Light Sensor**: Uses a sensor to adjust the picture brightness depending on the room light conditions.

Use Artifacts Reduction and Dig. Natural Motion

Artifacts Reduction smoothens the transitions on digital pictures.
Dig. Natural Motion reduces the field and line flicker and reproduces smooth movement especially in movies.

1. Press **SOURCE** and ▲ or ▼ to select **TV** from the source list.

2. Press **ANALOG MENU** to display the on-screen menu.

3. Select **Advance Picture** > **Artifacts Reduction** or **Dig. Natural Motion**, and press **OK**.

4. Press ▼ or ▲ to highlight **Off** or **On**, and press **OK** to select.

```
                                    PHILIPS
   Advance Picture
   Contrast +              Off
   Active Control          On                    ✓
   Artifacts Reduction*
   Dig. Natural Motion*
```
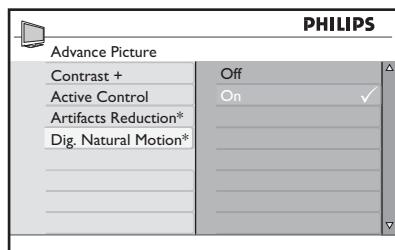
5. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.

8.2   Use the Timer

To switch the TV to standby mode or to a specified channel at a specified time from standby mode or while the TV is switched on.

Set the sleep timer

1. Press **SOURCE** and ▲ or ▼ to select **TV** from the source list.

2. Press **ANALOG MENU** to display the on-screen menu.

3. Sselect **Features** > **Timer** > **Sleep**, and press **OK**.


```
                                    PHILIPS
   Timer
   Sleep              Off
   Time               15
   Start Time         30
   Stop Time          45
   Channel No.        60                ✓
   Activate           90
                      120
                      180
```

4. Press ▼ or ▲ to select the number of minutes remaining before the TV automatically switches to standby mode and press **OK** to select.

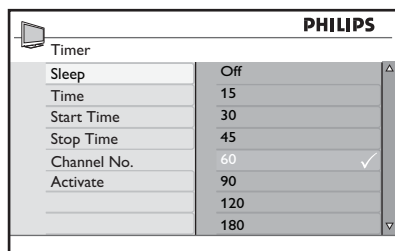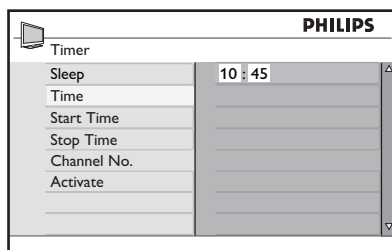5. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.

✳ **Tip**: Press **STATUS / EXIT** to check

if the sleep timer is enabled or time remaining for the TV to switch to standby mode.
To cancel the sleep timer, select **Off** in the **Sleep** menu.
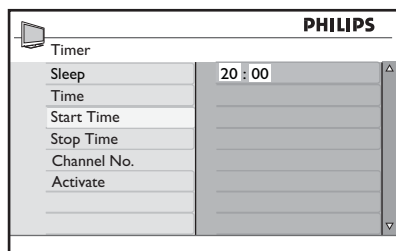
Set the TV time

1. Press **SOURCE** and ▲ or ▼ to select **TV** from the source list.

2. Press **ANALOG MENU** to display the on-screen menu.

3. Select **Features** > **Timer** > **Time**, and press **OK**.


```
                                    PHILIPS
   Timer
   Sleep              10 : 45
   Time
   Start Time
   Stop Time
   Channel No.
   Activate
```

4. Press the numeric (**0-9**) buttons of the remote control to enter the time in the 24-hour format. For example, 13:00 (for 1.00 p.m).

5. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.

Set the TV timer

1. Press **SOURCE** and ▲ or ▼ to select **TV** from the source list.

2. Press **ANALOG MENU** to display the on-screen menu.

3. Select **Features** > **Timer** > **Start Time**, and press **OK**.

```
                                    PHILIPS
  ⊡
  ┌─ Timer
    Sleep              20 : 00          △
    Time
    Start Time
    Stop Time
    Channel No.
    Activate
                                        ▽
```
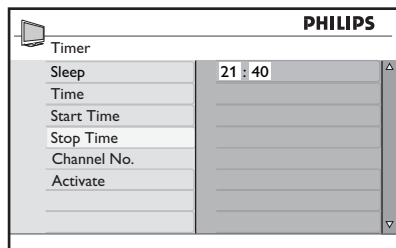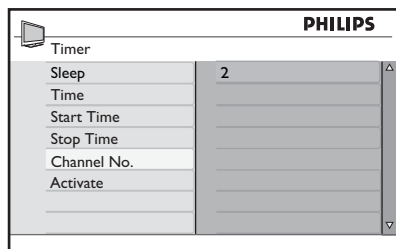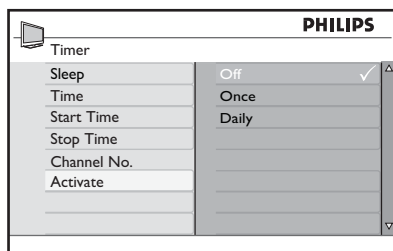
4. Press the numeric (**0-9**) buttons of the remote control to enter the time in the 24-hour format. For example, 13:00 (for 1.00 p.m).

5. Press ◄ to return to the previous menu and select **Stop Time**, and press **OK**.

```
                                    PHILIPS
  ⊡
  ┌─ Timer
    Sleep              21 : 40          △
    Time
    Start Time
    Stop Time
    Channel No.
    Activate
                                        ▽
```

6. Press the numeric (**0-9**) to enter the time.

7. Press ◄ to return to the previous menu and select **Channel No.**, and press **OK**.

```
                                    PHILIPS
  ⊡
  ┌─ Timer
    Sleep              2                △
    Time
    Start Time
    Stop Time
    Channel No.
    Activate
                                        ▽
```

8. Press ▼ or ▲ to select the channel number to be activated at the specified time.

9. Press ◄ to return to the previous menu and select **Activate**, and press **OK**.

```
                                    PHILIPS
  ⊡
  ┌─ Timer
    Sleep              Off          ✓   △
    Time               Once
    Start Time         Daily
    Stop Time
    Channel No.
    Activate
                                        ▽
```

10. Press ▼ or ▲ to select **Off**, **Once** or **Daily**, and press **OK** to select.

11. Press **ANALOG MENU** to exit.

12. Press ⏻ to switch the TV to standby mode.

Activate settings:

- **Off**: Cancels the TV timer.

- **Once**: Activates TV timer once only.

- **Daily**: Activates TV timer everyday at this time.

🖹 **Note:** If the TV is switched on when the timer activates, the TV switches to the channel specified in the TV timer. TV timer settings are lost once the TV is switched off via the **POWER** button on the TV.

8.3   Child-lock the TV

Prevent children from accessing the TV without adult supervision.

Enable Child Lock

1. Press **SOURCE** and ▲ or ▼ to select **TV** from the source list.

2. Press **ANALOG MENU** to display the on-screen menu.

3. Select **Features** > **Child Lock** > and press **OK**.
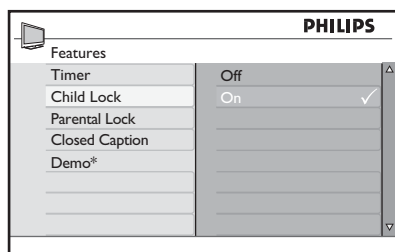
4. Press ▼ or ▲ to highlight **On** and press **OK**.

5. Switch off the TV or put it on standby mode.

⊜ **Note:** Once **Child Lock** is enabled, you cannot access any TV channels with the **CH + / -** buttons on the TV panel or operate any of its buttons except the **POWER** button.
The TV displays "**Locked**" on the bottom of the screen.
Keep the remote control away from children to prevent access to the **Child Lock** menu.

Disable Child Lock

1. Repeat the above as described in *Enable Child Lock* on the previous page.

2. Press ▼ or ▲ to highlight **Off** and press **OK**.
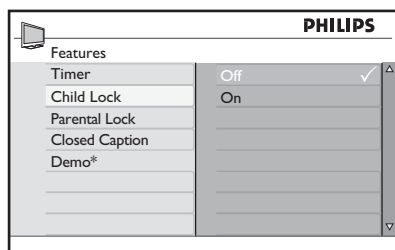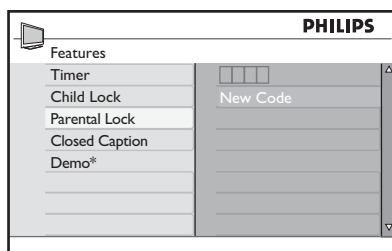

8.4 Control access to TV channels

Parental Lock lets you control the type of TV programs that can be accessed, according to program ratings based on age and content.

Access Parental Lock

1. Press **SOURCE** and ▲ or ▼ to select **TV** from the source list.

2. Press **ANALOG MENU** to display the on-screen menu.

3. Select **Features** > **Parental Lock** and press **OK**.

4. When using **Parental Lock** for the first time, enter the factory default code, **0711** with the numeric (**0-9**) buttons.

5. When **Incorrect** is displayed, enter **0711** again.
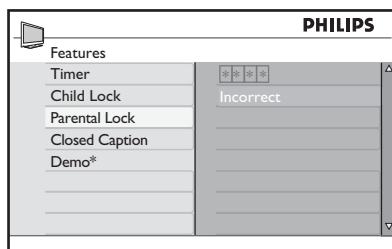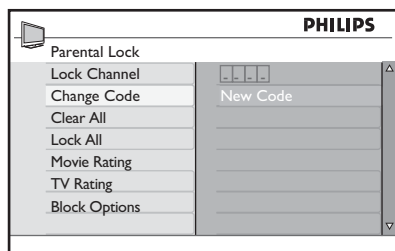

6. Enter your own four digit code.

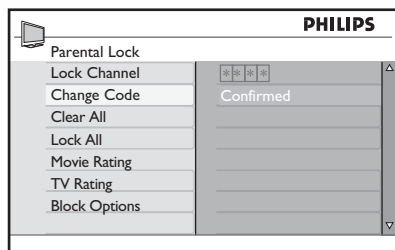7. Enter your new code again to confirm.

```
                              PHILIPS
 ⬒
 ⌐ Features
    Timer
    Child Lock          ✳ ✳ ✳ ✳        △
    Parental Lock       Confirmed
    Closed Caption
    Demo*
                                        ▽
```
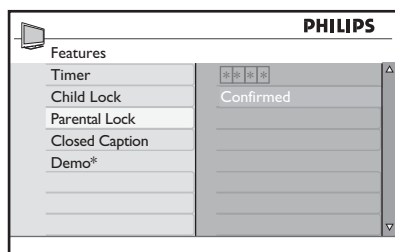
You can access the Parental Lock menu now.

Change Access Code

1. Access the **Parental Lock** menu as described in *Access Parental Lock* on the previous page.

2. Press ▼ to highlight **Change Code** and press **OK** to select.

3. Enter your new four-digit access code with the numeric (**0-9**) buttons.

```
                              PHILIPS
 ⬒
 ⌐ Parental Lock
    Lock Channel        _ . _ . _ . _    △
    Change Code         New Code
    Clear All
    Lock All
    Movie Rating
    TV Rating
    Block Options
                                        ▽
```

4. Re-enter your new access code.

   Confirmed is displayed.

```
                              PHILIPS
 ⬒
 ⌐ Parental Lock
    Lock Channel        ✳ ✳ ✳ ✳        △
    Change Code         Confirmed
    Clear All
    Lock All
    Movie Rating
    TV Rating
    Block Options
                                        ▽
```
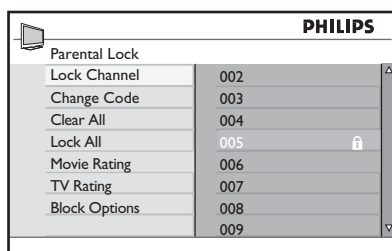
✷ **Tip**: If you forget your access code, repeat all the steps as described in *Access Parental Lock*.
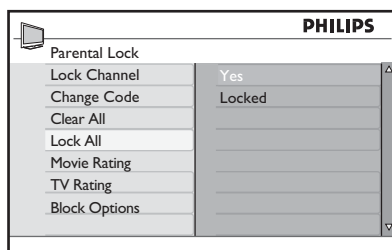
Lock channels

1. Access the **Parental Lock** menu as described in *Access Parental Lock* on the previous page.

2. Press **OK** to select **Lock Channel** and press ▼ or ▲ to highlight the channel number.

3. Press **OK** to lock the channel.

   A padlock symbol 🔒 is displayed beside the channel number.

```
                              PHILIPS
 ⬒
 ⌐ Parental Lock
    Lock Channel        002            △
    Change Code         003
    Clear All           004
    Lock All            005        🔒
    Movie Rating        006
    TV Rating           007
    Block Options       008
                        009            ▽
```

Lock all channels

1. Access **Parental Lock** menu as described in *Access Parental Lock* on the previous page.

2. Press ▼ to highlight **Lock All** and press **OK** to select.

```
                              PHILIPS
 ⬒
 ⌐ Parental Lock
    Lock Channel        Yes            △
    Change Code         Locked
    Clear All
    Lock All
    Movie Rating
    TV Rating
    Block Options
                                        ▽
```
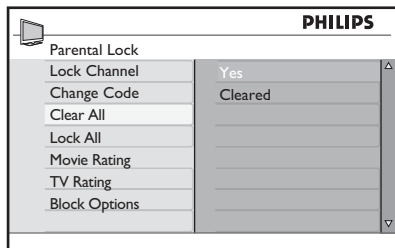
3. Press **OK** to select **Yes**.
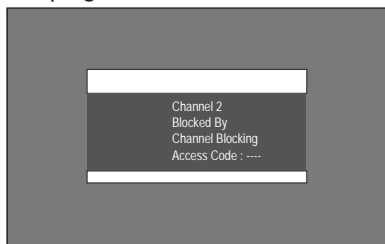
Unlock all channels

1. Access **Parental Lock** menu as described in *Access Parental Lock* on the previous page.

2. Press ▼ to highlight **Clear All** and press **OK** to select.

PHILIPS

Parental Lock

Lock Channel	Yes
Change Code	Cleared
Clear All	
Lock All	
Movie Rating	
TV Rating	
Block Options	

3. Press **OK** to select **Yes**.

🔔 **Note:** A message is displayed to inform you that the channel is blocked when you try to access it. You can choose to enter the Parental Lock access code to view the program.


```
Channel 2
Blocked By
Channel Blocking
Access Code : ----
```

8.5 Control access to TV programs

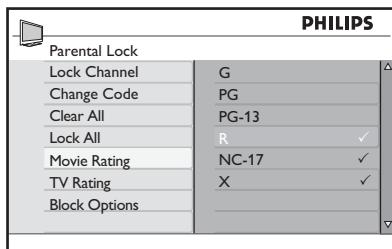**Use the movie rating lock (for certain regions only)**

Control access to movies based on their content as defined by the Motion Picture Association of America (MPAA).

Settings apply to the TV and AV inputs only.

1. Access **Parental Lock** menu as described in *Access Parental Lock* on page 35.

2. Press ▼ until **Movie Rating** is highlighted, and press **OK** to select.

3. Press ▲ or ▼ to highlight your choice of movie rating label, and press **OK**.
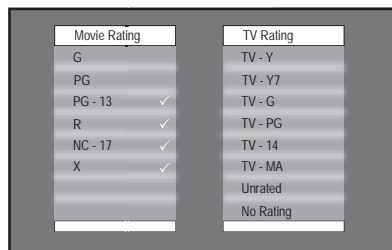
A tick (✓) appears beside the rating label to indicate the rating lock is enabled.

4. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.

PHILIPS

Parental Lock

Lock Channel	G	
Change Code	PG	
Clear All	PG-13	
Lock All	R	✓
Movie Rating	NC-17	✓
TV Rating	X	✓
Block Options		

🔔 **Note:** Movies are blocked if they fall under the movie rating category that you enabled. A message is displayed to inform you that the program is blocked by the movie rating. Programs remain locked even after the TV is switched off. Enter the Parental Lock access code to view the program. Subsequently, all other locked programs are viewable.

🔔 **Tip:** Press **STATUS / EXIT** twice to check which TV or movie ratings are enabled.

Movie Rating		TV Rating
G		TV - Y
PG		TV - Y7
PG - 13	✓	TV - G
R	✓	TV - PG
NC - 17	✓	TV - 14
X	✓	TV - MA
		Unrated
		No Rating

Movie Rating:

- **G**: Suitable for all ages.

- **PG**: Some material may not be suitable for children.

- **PG-13**: Some material may not be suitable for children under 13 years of age.

- **R**: Material not suitable for children under 17 years of age. Requires parental guidance.

- **NC-17**: Not suitable for children under 17 years of age. Has excessive violence, sex or offensive language.

- **X**: Not suitable for children under 17 years of age. Content is pornographic.

### Use the TV Rating lock (For certain regions only)

Block content based on TV ratings defined by your broadcaster. TV ratings are based on age and content.

Age-based rating	Content-based rating
TV-Y	None
TV-Y7	FV (Fantasy Violence)
TV-G	None
TV-PG	V (Violence)
	S (Sex)
	L (Strong Language)
	D (Sexual Dialog)
TV-14	V (Violence)
	S (Sex)
	L (Strong Language)
	D (Sexual Dialog)
TV-MA	V (Violence)
	S (Sex)
	L (Strong Language)

1. Access **Parental Lock** menu as described in *Access Parental Lock* on page 35.

2. Press ▼ until **TV Rating** is highlighted, and press **OK** to select.

3. Press ▼ or ▲ to highlight the TV rating label, and press **OK** to select.

4. Press ▼ or ▲ to highlight **Lock All** and press **OK** to select.

❈ **Tip**: To enable one or more content-

based ratings, highlight only those and press **OK**.
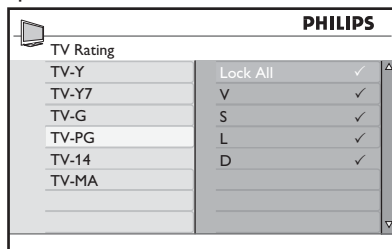
TV-Y: Suitable for all children. Programs are not expected to frighten children.

TV-Y7: For children 7 years or older who can tell make-believe from reality. Some mild fantasy violence or comedic violence. Programs may frighten younger children under 7 years of age.

**TV-Y7 FV**: Fantasy violence more intense or combative than those in TV-Y7 category.

TV-G: Suitable for all children but not designed specifically for children.

TV-PG: Parental guidance needed. Some violence, strong language, sexual situations or suggestive dialog. Parents should watch these programs with their children.

TV-14: Not suitable for children under 14 years of age. Content has violence, strong language, sexual situations or suggestive dialog.

TV-MA: For adult viewing. Not suitable for children under 17 years of age.

⊜ **Note:** The screen displays a message that the program is blocked when your programs fall under the TV rating category that you enabled. Programs remain locked even if you turn off and turn on the TV again. Enter your access code to view the program.
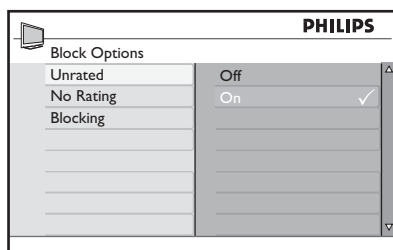
Unblock programs

1. Access **Parental Lock** menu as described in *Access Parental Lock* on page 35.

2. Press ▼ to select **Block Options** and press **OK** to select.

3. Press ▼ or ▲ to highlight **Off** and press **OK**.
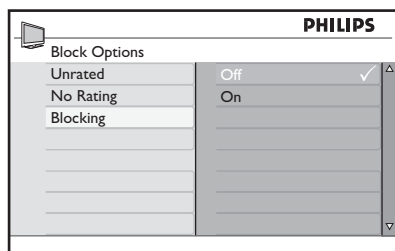
Block other programs

Block programs that are unrated, such as documentaries, "director's cut" edition or programs that have no advisory data (No Rating).

1. Access **Parental Lock** menu as described in *Access Parental Lock* on page 35.

2. Press ▼ to select **Block Options** and press **OK** to select.

3. Press ▼ or ▲ to highlight **Unrated** or **No Rating**, and press **OK** to select.
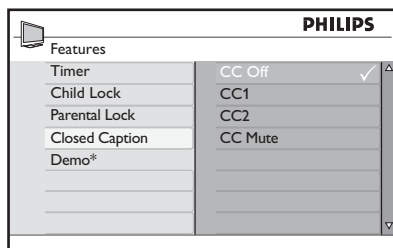
4. Press **OK** to select **On.**

⊖ **Note:** Programs with no rating or unrated are blocked.
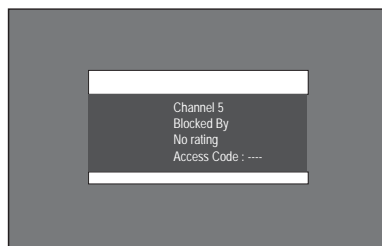
8.6   Turn on closed captions

Closed captions (CC) are subtitles hidden in the video signals which you can turn on or off unlike the normal subtitles in movies which cannot be turned off. Closed captions are subtitles for dialog and descriptions for the hearing-impaired.

1. Press **SOURCE** and ▲ or ▼ to select **TV** from the source list.

2. Press **ANALOG MENU** to display the on-screen menu.

3. Select **Features** > **Closed Caption** and press **OK**.

4. Press ▼ or ▲ to highlight **CC Off**, **CC1,**

CC2 or **CC Mute**, and press **OK** to select.

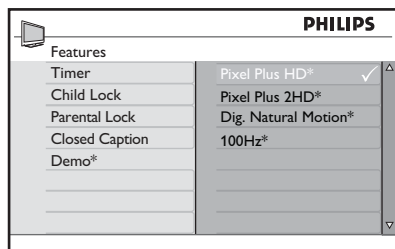5. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.

Closed Caption choices:

• **CC Off**: Turn off closed captioning.

• **CC1**: Most channels transmit closed captions in **CC1** mode. Closed captions can be in Spanish, Portuguese or English.

• **CC2**: Broadcasters may transmit closed captions in **CC2** mode. **CC2** is rarely used.

• **CC Mute**: Closed captions in **CC1** mode is displayed only when the sound is turned off via ⌘.

8.7 Use the Demo modes

The **Demo** mode lets you see the benefits of the new features of your TV.

1. Press **SOURCE** and ▲ or ▼ to select **TV** from the source list.

2. Press **ANALOG MENU** to display the on-screen menu.

3. Select **Features** > **Demo** and press **OK**.

4. Press ▼ or ▲ to highlight **Pixel Plus HD, Pixel Plus 2HD, Dig. Natural Motion,** or **100Hz**, and press **OK** to select.

5. Press ▼ or ▲ to highlight **On** and press **OK** to select.
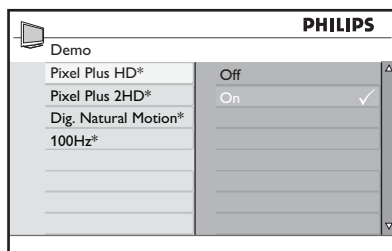
When **Demo** modes are used, the TV displays a vertical split screen showing the new features enabled on one half and the other half without the features.

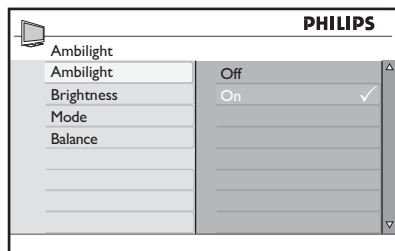6. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.

Demo modes

• **Pixel Plus 2HD**: Like Pixel Plus HD, but able to detect and reduce artifacts and noise in your HD content for cleaner and sharper pictures.

• **Pixel Plus HD**: Every pixel is improved to match surrounding pixels for a more natural picture. Sharpness, depth and vivid colors are achieved from multiple sources like HD and DVD content.

• **Dig. Natural Motion**: Reduces the field and line flicker and reproduces smooth movement especially in movies. Set the level to **Maximum**, **Minimum** or **Off**.

• **100 Hz**: Transmitted information is stored on a memory chip to produce flicker-free images.

8.8 Use Ambilight

Watch programs in a unique ambience by producing a soft, light glow from the sides of the TV. Ambient lighting from the TV provides a more relaxed viewing experience. The Ambilight colors changes automatically to match the TV images.

Turn on Ambilight

1. Press **SOURCE** and ▲ or ▼ to select **TV** from the source list.

2. Press **ANALOG MENU** to display the on-screen menu.

3. Select **Ambilight** > **On**.

4. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.

Turn off Ambilight

1. Press **SOURCE** and ▲ or ▼ to select **TV** from the source list.

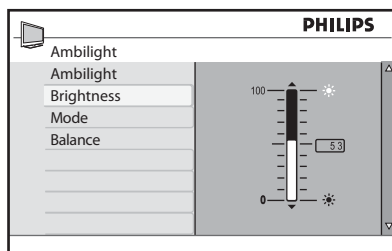2. Press **ANALOG MENU** to display the on-screen menu.

3. Select **Ambilight** > **Off**.

4. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.
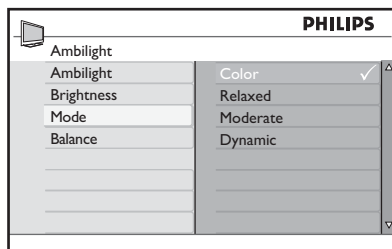
Adjust brightness

1. Turn on **Ambilight** as described in *Turn on Ambilight* on this page.

2. Press ▼ until **Brightness** is highlighted and press **OK** to select.

3. Press ▼ or ▲ to adjust the ambient brightness level.

4. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.

Select Ambilight modes

1. Turn on **Ambilight** as described in *Turn on Ambilight* on this page.

2. Press ▼ until **Mode** is highlighted and press **OK** to select.

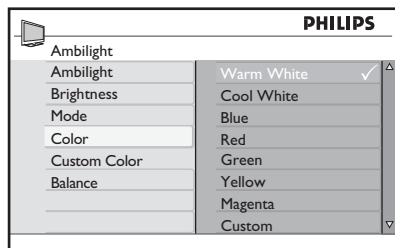3. Press ▼ or ▲ to highlight the mode and press **OK** to select.

4. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.

Ambilight modes

- **Color**: Produces constant lighting according to the settings in the Color menu.

- **Relaxed**: Reduces brightness and color to give a more relaxed viewing experience.

- **Moderate**: Uses the factory-defined brightness and color settings.

- **Dynamic**: The brightness and color changes according to the picture state.
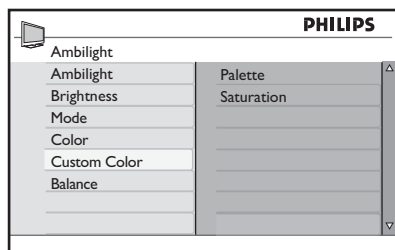
Select Ambilight color

1. Turn on **Ambilight** as described in *Turn on Ambilight* on the previous page.

2. Press ▼ until **Mode** is highlighted and press **OK** to select.

3. Press ▼ until **Color** is highlighted and press **OK** to select.

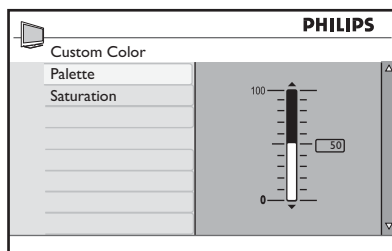4. Press ▼ or ▲ to highlight the color.

5. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.

Use Custom color

1. Turn on **Ambilight** as described in *Turn on Ambilight* on the previous page.

2. Press ▼ until **Custom** is highlighted and press **OK** to enable the **Custom Color** menu.

3. Press ◄ to highlight **Color** and press ▼ to highlight **Custom Color**.

4. Press ▼ or ▲ to highlight **Palette** or **Saturation**, and press **OK** to select.

5. Press ▼ or ▲ to adjust the settings.

6. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.
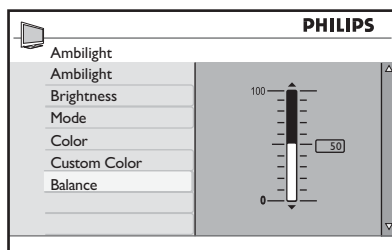
Ambilight Custom colors

- **Palette:** Adjusts the color mix.

- **Saturation:** Adjusts the color intensity of light output.

Set Ambilight balance

Adjust the **Ambilight** intensity on both sides of the TV.

1. Turn on **Ambilight** as described in *Turn on Ambilight* on the previous page.

2. Press ▼ until **Balance** is highlighted and press **OK** to select.
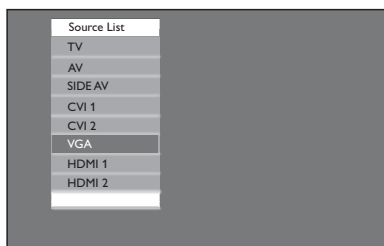
3. Press ▼ or ▲ to adjust the **Balance**.

4. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.

9. Use your TV as a computer monitor

Connect the TV to a computer via the VGA port to use your TV as a computer monitor.

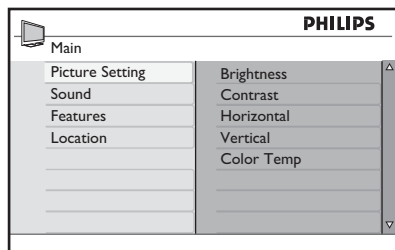**Note:** Refer to the *Quick Start Guide* for connecting the computer to your TV.

1. Connect your computer to the TV via the VGA cable (not supplied).

2. Press **SOURCE** to display the audio and video source list.

```
          Source List
          TV
          AV
          SIDE AV
          CVI 1
          CVI 2
          VGA
          HDMI 1
          HDMI 2
```

3. Press ▼ or ▲ until **VGA** is highlighted and press **OK** to select.
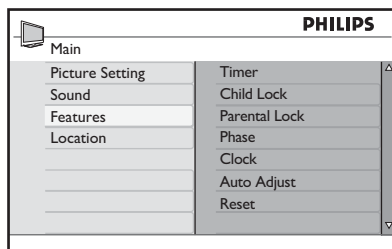   You should see your computer display on the TV screen.

9.1 Picture settings (VGA mode)

- **Horizontal**: Adjusts the picture to the left or right.

- **Vertical**: Adjusts the picture upwards or downwards.

```
                              PHILIPS
    Main
    Picture Setting     Brightness         △
    Sound               Contrast
    Features            Horizontal
    Location            Vertical
                        Color Temp


                                           ▽
```

9.2 Feature settings (VGA mode)

- **Phase / Clock**: Fine tunes your TV to match the computer's display settings.

- **Auto Adjust**: Synchronizes the TV and computer's Phase/Clock rate automatically.

- **Reset**: Overrides with the factory default settings.

```
                              PHILIPS
    Main
    Picture Setting     Timer              △
    Sound               Child Lock
    Features            Parental Lock
    Location            Phase
                        Clock
                        Auto Adjust
                        Reset
                                           ▽
```

Note: For supported resolutions, refer to *Specifications.*.

10. Use your TV in High Definition mode

High Definition (HD) mode lets you enjoy clearer and sharper pictures using HD equipment.

10.1 Connect the HD equipment

1. Connect the HDMI or DVI output from your HD equipment to the **HDMI 1, HDMI 2** or **Side HDMI** socket of the TV.

   Use a DVI-to-HDMI cable if DVI output is connected.

2. Connect the audio cable to the **L / R** audio jacks (AV) of the TV if you are using DVI output from your HD equipment to connect to the TV.

3. Press **AV** to display the Source List and the ▲ or ▼ to select **HDMI 1, HDMI 2** or **Side HDMI**.
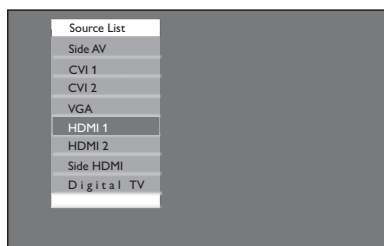
4. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.

10.2 Control the TV settings in HD mode

1. Press **SOURCE** and ▲ or ▼ to select **TV** from the source list.

2. Press ▲ or ▼ to select **Picture**, **Sound** or **Features**, and press **OK** to select.

3. Press ▲ or ▼ to highlight the settings

and ◄ or ► to adjust the settings.

4. Press ◄ to return to the previous menu.

5. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.

Picture menu

- The **Picture** menu options are: **Brightness**, **Color**, **Contrast**, **Sharpness**, **Horizontal, Vertical** and Color Temp.

- All the options work the same way as the ones in **Picture** menu except for **Horizontal** and **Vertical**.

  - **Horizontal** lets you adjust the horizontal position of the image.

  - **Vertical** lets you adjust the vertical position of the image.

Sound menu

- The **Sound** menu options are **Equalizer**, **Balance**, **AVL** and **Incr. Surround**. All the options work the same way as the ones in the TV **Sound** menu.

Features menu

- The **Features** menu options are **Timer**, **Child Lock**, **Parental Lock** and **Active Control**. All the options work the same way as the ones in the TV **Features** menu except for **Mode Selection**.
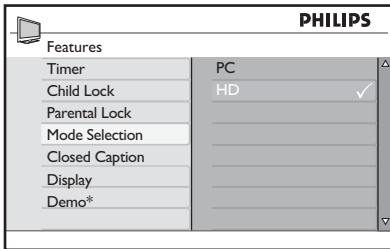
10.3 Use Mode Selection

Mode Selection options are available in the **Features** menu when you connect HD equipment via HDMI supporting resolutions of 480p, 720p or 1080p.
You can select **PC** or **HD** mode.

1. Press **SOURCE** and ▲ or ▼ to select **TV** from the source list.

2. Press **ANALOG MENU** to display the on-screen menu.

3. Select **Features** > **Mode Selection** > **PC** or **HD**, and press **OK**.

Timer	PC
Child Lock	HD ✓
Parental Lock	
Mode Selection	
Closed Caption	
Display	
Demo*	

PHILIPS
Features

4. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.

10.4 Use Native 1080 mode

The **Native 1080** option in the **Display** menu is available when you connect HD equipment via HDMI or Y Pb Pr supporting resolution of 1080i. Watch the original HD format in true resolution from the input signals.

1. Press **SOURCE** and ▲ or ▼ to select **TV** from the source list.

2. Press **ANALOG MENU** to display the on-screen menu.

3. Select **Features** > **Display** > **On** to watch your programs in the original HD format (1080p).

Timer	Native 1080
Child Lock	
Parental Lock	
Mode Selection	
Close Caption	
Display	
Demo*	

PHILIPS
Features

4. Press ◄ to return to the previous menu or press **ANALOG MENU** to exit.

1080p models				
HD format	480p	576p	720p	1080p	1080i
SD format	480i		576i		

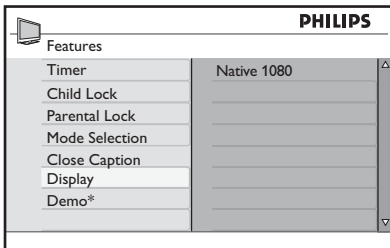Note: Your Philips TV is HDMI compliant. If you do not get a good picture, it is not a defect of your TV set.
Please change the video format on your device (DVD player, cable set top box, etc) to a standard format.
For example, you should select 480p, 576p, 720p, 1080i or 1080p for DVD players.

10.5 Use Philips EasyLink

Your TV is enabled for HDMI-CEC connections with other devices. The following features apply to devices that are CEC-compliant and connected to your TV through an HDMI cable.

One-touch play

You can control your TV and the devices with one remote control when you connect your TV to devices that support One-touch play. For example, when you press the play button on your DVD remote control, your Philips TV automatically switches to the correct channel to display the DVD content.

One-touch Standby

You can use your TV's remote control to put the devices into standby when you connect your TV to devices that support One-touch standby. Press and hold the ⏻ on the TV's remote control for 3-4 seconds.

11. Troubleshooting

⊜ **Note:** Before calling Customer Service,
refer to the troubleshooting topic below
which may help address and resolve your
problem.

Symptoms	Possible cause	What should you do
No power or indicator light.	The TV is not connected to the power.	1. Press ⏻ at the right side of the TV, or press ⏻ on the remote control.
		2. Ensure the power cord is connected tightly to the TV power connector and to the mains socket outlet.
		3. Connect the TV to a different mains socket outlet.
Error message on the screen with HDMI connection.	High-Bandwidth Digital Content Protection (HDCP) authentication fail.	1. Ensure that your HDMI cable is certified.
		2. Press **SOURCE** on the remote control to switch to another source and then switch back to the HDMI source.
		3. Reset the accessory device and the TV.
		Turn on the TV
		Select the HDMI channel
		Turn on the accessory device
No sound is detected from the PC.	Incorrect HDMI port is connected.	1. Connect a DVI-HDMI cable to the correct HDMI port on the TV.
	Audio cable is not connected.	2. Connect an audio cable to the DVI AUDIO IN port on the TV.
		3. Press **SOURCE** on the remote control, and select any one of the HDMI sources.
TV does not respond to the remote control.	Batteries are installed incorrectly, or low battery power.	1. Ensure the indicator light on the TV blinks when the remote control buttons are pressed.
		2. Ensure that you are using the remote control supplied with the TV.
		3. Ensure that the batteries of the remote control are inserted according to the illustration on the remote control and that the batteries are new.
The picture is distorted. It is stretched out, has short, fat, black bars on the side or top.	Broadcast video format.	1. Press ◄ or ► on the remote control to select the best picture format.
		2. For certain accessory devices, the picture format has to be set in the accessory device itself.

| The picture is mostly red and green, or the picture is missing red when the TV is connected to an accessory device via component cables.	Insecure/incorrect connection.	1. Ensure all the connections are made according to the color code. 2. Push the component cables all the way into the YPbPr sockets on the TV.
No sound on the TV loudspeaker.	Volume level is set to zero.	1. Increase the volume.
	Sound is muted.	2. Press ⊕ on the remote control.
	Headphones are connected.	3. Ensure the headphones are not plugged into the TV.
	Audio cable is not connected.	4. For AV connection, ensure that the Audio L/R cable is connected. If you are using a component cable, ensure that you have not crossed the red audio cable with the red video cable.
	Accessory device audio output setting is incorrect.	5. For HDMI connections, certain accessory devices have an HDMI audio output setting that must be turned on for HDMI to HDMI connections.
Bad picture quality with a coaxial connection.	Standard definition channels are not as clear as high definition channels.	1. Connect the devices via component or HDMI cables.
No picture or sound.	Incorrect channel	1. Ensure you have selected the correct channel.
	Incomplete channel installation.	1. If the TV receives channels via an AV connection, set the TV to the correct source input and perform auto installation again.
		2. If the TV is connected directly to the wall via a coaxial connection, perform auto-installation again.
Cannot control your TV and connected devices with one remote control.		1. Confirm that the connected devices are EasyLink compliant and are connected to your TV via an HDMI cable. Not all brands of devices such as DVD players use the same system as Philips EasyLink. Other brands might not work with Philips EasyLink.

12. Specifications

Model no.	42PFL7803D	52PFL7803D
PICTURE ENHANCEMENT		
Type	1080p 120 Hz	
Aspect Ratio	16:9	
Advance Picture	Contrast +, Active Control, Dig. Natural Motion, Artifacts Reduction	
Ambilight	Yes	
SOUND ENHANCEMENT		
Mono/Stereo/BBE	Mono, Stereo, Incredible Surround, BBE, wOOx	
Power output (RMS Watts)	2 x 15 W	
EASE OF USE		
Video modes	Automatic, 4:3, Movie Expand 14:9, Movie Expand 16:9, Subtitle Zoom, Super Zoom, Wide Screen	
PC input	via HDMI, VGA	
CONNECTIONS		
CVI In with Audio L/R	2, supporting 480i/p, 576i/p, 720p, 1080i, 1080p @24Hz-60Hz	
CVBS In with audio L/R, S-Video	2 X	
HDMI	3 ver1.3a HDMI supporting video: 480i/p, 576i/p, 720p, 1080i, 1080p @24Hz-60Hz, PC-input: up to WUXGA	
Digital audio out	Yes, supporting AC-3 & PCM	
Headphone	1 X (Side)	
MISCELLANEOUS		
Operating power consumption	100-240 V, 50/60 Hz	
Standby power [Watt]	~ typ 0.165W	
Accessories	Power cord, Quick Start Guide, User Manual, Remote control, AAA batteries x2	
DIMENSIONS		
Set weight (kg)	20.5	39
Set weight with stand (kg)	26	47
Set dimensions (W x H x D) mm	1046 x 645 x 108	1,301 x 798 x 141
Set dimensions with stand (W x H x D) mm	1046 x 716 x 262	1,301 x 875 x 325

Note: Specifications subject to change without notice.

# 13. Connect devices

13.1 Connection overview
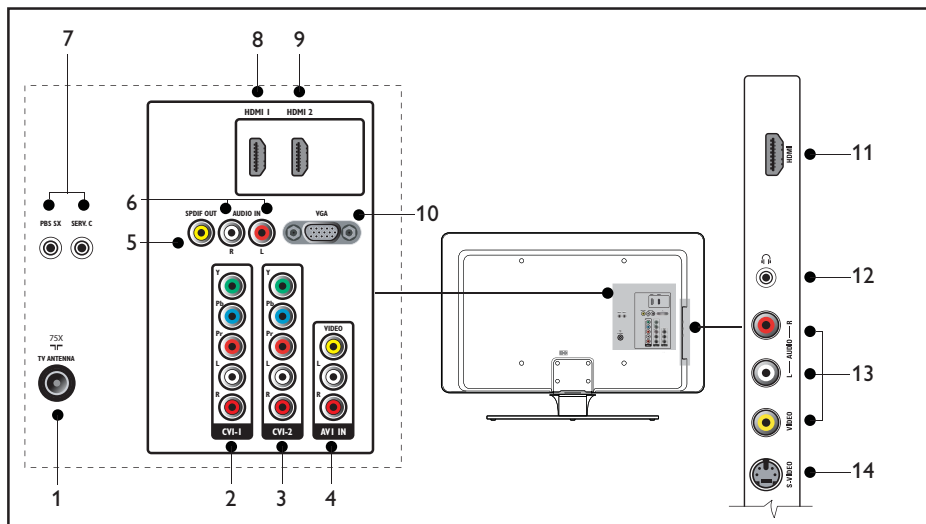
1. **Antenna input**

2. **CVI-1**: Component video input. Y Pb
   Pr and Audio L/R connectors for DVD,
   digital receiver or game console, etc.

3. **CVI-2**: Second component video input.

4. **AVI IN**: Composite video input to be
   used together with Audio L/R connectors
   for camcorder, game console, etc.

5. **SPDIF Out**: Digital audio out.

6. **Audio IN for VGA**.

7. **Service ports** (For service personnel)

8. **HDMI 1 In**: HDMI in connector for Blu-
   ray Disc player, HD digital receiver or
   game console, etc.

9. **HDMI 2 In**: Second HDMI in connector.

10. **VGA**: Video Graphics connector for
    personal computers.

11. **HDMI In (Side)**: See **HDMI 1** In
    description.

12. **Headphones (Side)**: Stereo Mini Jack.

13. **Video (Side)**: Video input connector
    to be used together with Audio L/R
    connectors for camcorder, game console,
    etc.

14. **S-Video (Side)**: S-Video input
    connector to be used together with
    Audio L/R connectors for camcorder,
    game console, etc.

13.2 Select connection quality

You can enhance your audio visual
experience by connecting your devices with
the best possible connectors.

After connecting your devices, be sure to
enable them as described in the *Quick Start
Guide*.

HDMI - Highest quality
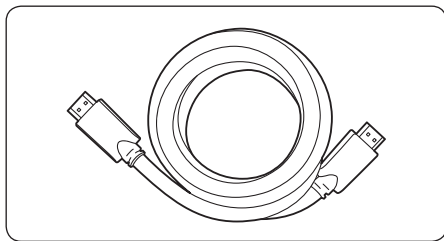
HDMI produces the best audio visual quality possible. Both audio and video signals are combined in one HDMI cable, providing an uncompressed, digital interface between your TV and HDMI devices. Use HDMI to experience full high-definition video.

✼ **Tip**: If your device only has a DVI connector, use a DVI-HDMI adaptor to connect your device to a **HDMI** connector on the TV. As such a connection does not support sound, you must connect a separate audio cable from the device to the Audio L/R input at the **AUDIO IN** connectors on the TV.

✼ **Not**e: Philips HDMI supports HDCP (High-bandwidth Digital Contents Protection). HDCP is a form of Digital Rights Management that protects high definition content in DVD or Blu-ray Discs.

Component (YPbPr) - Higher quality

Component (Y Pb Pr) video provides better picture quality than S-Video or composite video connections. Although component video supports high-definition signals, the picture quality is analog and lower than that of HDMI.

When connecting a component video cable, match the cable colours to the **CVI** connectors on the back of the TV. Also, connect a Audio L/R cable to the red and white **Audio L/R** input connectors at CVI.
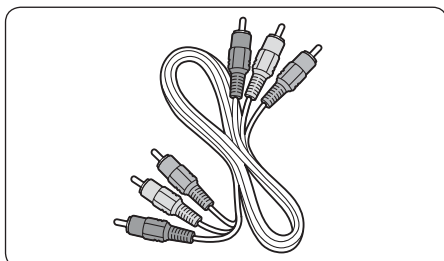

Component video cable - Red, Green, Blue
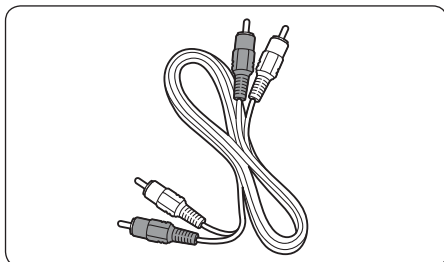
Audio L/R cable - Red, White

S-Video - Good quality

S-Video provides better picture quality than that of composite video. When connecting your device with S-Video, plug the S-Video cable to the **S-Video** connector on the side of the TV. You must connect a separate Audio L/R cable from the device to the red and white **Audio L/R** input connectors on the side of the TV.
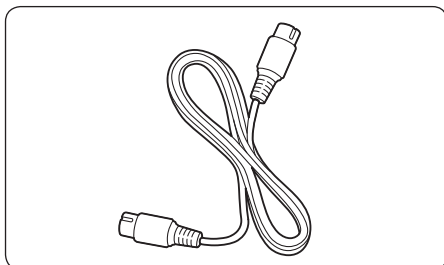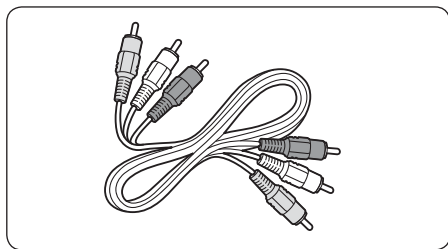

S-Video cable

Composite - Basic quality

Composite video provides basic analogue connectivity, usually combining a (yellow) video cinch cable with (red and white) Audio L/R cinch cable. Match the cable colors when connecting to the composite **Video** and **Audio L/R** input connectors on the side of the TV.
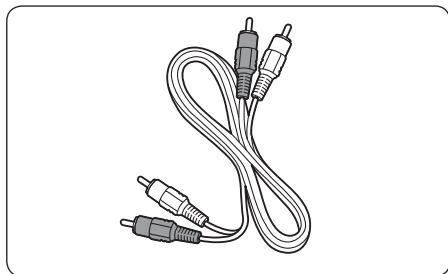
Audio L/R cable - Red, White

Composite audio/video cable- Yellow, red and white

⊜ **Note:** For various device connections to your TV, please refer to the *Quick Start Guide* for detailed instructions.

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