Your Television's Directions for Use

46PP9545
55PP9545
Thank you for purchasing this television set. You are now the proud owner of a Philips TV, which promises full value to you as a customer. Please read this manual carefully and thoroughly for help with installation and operation.

**Setup and Installation**

Product Highlights ........................................... 3  
Installing the TV ............................................. 4  
Using the TV keys ............................................ 5  
Using the Remote Control Keys ......................... 6–7

**Operation**

Using the Menus
  - Overview ................................................. 8  
  - Install .................................................. 9–10  
  - Picture .................................................. 11  
  - Sound .................................................... 12  
  - Features ............................................... 13  
  - General .................................................. 14  
  - Source and Converge ................................. 15

**Demo** ............................................................. 16  
Using Picture-in-Picture ................................. 17  
Using Teletext *(if provided)* ......................... 18-19

**Peripheral Equipment**
  - Connecting Peripheral Equipment .................. 20-27  
  - Selecting Connected Equipment for Viewing .... 28

**General Information**
  - Care, Cleaning, and Tips ............................. 29  
  - Before Calling Service ............................... 30  
  - Index ..................................................... 31  
  - Specifications ........................................ 32  
  - International Guarantee Conditions ............. 33-34  
  - Consumer Information Centres ................... 35-36

---

**SAFETY INFORMATION**

Disconnect mains plug when:
- the red light below the TV screen is flashing continuously  
- a bright white line is displayed across the screen  
- cleaning the TV screen (never use abrasive cleaning agents; use a slightly damp chamois leather or soft cloth)  
- a lightning storm is occurring  
- the set is left unattended for a prolonged period.

Never attempt to repair a defective TV yourself. Always consult a skilled service person.

**Battery Usage CAUTION:**
To prevent battery leakage which may result in bodily injury or damage to the remote:
- Install ALL batteries correctly, + and – as marked on the remote control.  
- Do not mix batteries: (OLD and NEW or CARBON and ALKALINE, etc.).  
- Remove batteries when the remote is not used for a long time.
PRODUCT HIGHLIGHTS

See it as an eyewitness
• Pixel Plus™ technology for more and better details
• Digital Natural Motion™ enables smooth and jitter-free movements from any source
• HDTV Monitor – HDTV is the latest and best television signal available
• Acclearium™ Digital Optics maximizes picture quality on all inputs
• Saphlon™ Screen – better picture and scratch resistance

Technology made simple
• BlueBlush Buttons – lighted proximity-activated user control panel
• Full 1080i HD connectivity for future-proof connections to High Definition Set-Top Boxes
• Active Control + Light Sensor adjusts to best possible picture settings
• Auto IntelliSense™ Focus – one-touch automatic convergence of the CRT tubes
• APAC – Automatic Phosphor Aging Compensation
• Dual Screen with two tuners splits your screen into two independent pictures

Rich sound experience
• Virtual Dolby® Surround – surround sound without additional rear speakers

Product highlights

Pixel Plus™
Through the unique improvement of luminance and color transients, the interpolated pixels are processed, the luminance amplitude is altered, and pre- and after-shoots for colors are created, resulting in an overall sharper, crisper picture and much more vivid colors. Additional color enhancements give an even greater saturation and lifelike realism. The digital enhancement of the difference between dark and light parts of the image also raises the contrast of the overall picture by up to 30%, making it even more brilliant. Finally, the Digital Noise Reduction and Digital Natural Motion correction result in perfectly smooth, jitter-free, noise-free and razor-sharp moving images.

Digital Natural Motion™
Enables smooth and jitter-free movements from any source. The advanced Philips chip used for DNM has the processing power of several Pentium processors. It has the ability to detect fast-moving sequences from film and video material and it can handle multi-directional movements at the same time.

BlueBlush Buttons
The product has an innovative technology that allows it to sense the user’s needs and meet them. Sensing the user is near, the product activates the lighting of the control panel to make it visible. When the controls are no longer being used and after a short pause, they will dim.

Full 1080i HD Connectivity
The video inputs use the highest quality connection type and within the TV combine the latest high output video processing technology to accept and display various 1080i HD formats.

Acclearium™ Digital Optics
Philips micro phosphor CRTs feature improved optics for sharper, more detailed images and enhanced green phosphor, which creates deeper, more natural colors. Hybrid projection lenses work in concert with each CRT to improve focus and correct optical errors, removing distortion and creating a crisp picture to the edge of the screen. The lenticular screen has nearly one-third finer pitch (.515mm) than traditional screens, improving picture detail and resolution. The Philips Wideband Video Amplifier reproduces the highest visible bandwidth in its class—resulting in significantly more picture detail in pure HD.

Saphlon™ Screen
Saphlon™ Screen technology is built with materials and processes that deliver more brightness and picture contrast. It guards against most scratches and fingerprints and eliminates the glare associated with a separate protective screen.

Auto IntelliSense™ Focus
Sensors in the TV scan a predefined test pattern and readjust the signal on the CRTs to assure that red, green and blue are well aligned.

1 The major benefit of this projection television is its large viewing screen. To see the large screen at its best, test various locations in the room to find the optimal spot for viewing.

Be sure to allow a minimum of 15 cm of space around the TV.

To avoid cabinet warping, cabinet color changes, and increased chance of set failure, do not place the TV where temperatures can become excessively hot—for example, in direct sunlight or near a heating appliance.

Magnetic fields, such as those of external speakers, may cause the picture to distort if the speakers are placed too close to the television. Move the magnetic field source away from the TV until there is no picture distortion.

2 Insert the aerial plug firmly into the ANTEENA IN 75Ω socket at the rear of the set.

3 Insert the mains plug in the wall socket. Refer to the back of the TV set for the correct operation voltage. Consult your local dealer if your main supply is different. To prevent damaging the mains (AC) cord, which could cause hazard, do not place the TV on the cord.

4 Remove the cover of the battery compartment on the remote control. Insert the two batteries supplied (Type R6-1.5V).

The batteries supplied do not contain the heavy metals mercury and cadmium. Nevertheless, in many countries exhausted batteries may not be disposed of with your household waste. Please check on how to dispose of exhausted batteries according to local regulations.

See the battery caution statement on page 2.

Note: This remote control functions with TVs that use the RCS signalling standard.

5 Switch the TV on: Press the mains power switch on the front of the TV. If Standby key is lighted, press the CH+/– keys, digit keys, or the Standby key on the remote control. Or press the CHANNEL or Standby keys on the front of the TV.
**BlueBlush Buttons**

This product has an innovative technology that allows it to sense the user’s needs and meet them. Sensing the user is near, the product activates the lighting of the control panel to make it visible. When the controls are no longer being used and after a short pause, they will dim.

**Enable/disable automatic sensor**

By default the TV’s BlueBlush buttons will automatically detect the user approaching and light the control buttons. This automatic sensing can be disabled to avoid frequent unwanted activation (for example: a pet or child).

**Disable automatic sensor:** Press the Volume \( \text{▽△} \) buttons together until the BlueBlush buttons blink once. Now they will light only when pressed.

**Enable automatic sensor:** If the sensor has been disabled, to enable press the Volume \( \text{▽△} \) buttons together until the BlueBlush buttons blink twice. Now the BlueBlush buttons will automatically light when the user approaches.
USING THE REMOTE CONTROL KEYS

SELECT ACCESSORY
Press to select the AV input for the device you want to use: AV1, AV2, AV3, AV4, or side.

ACCESSORY MODE
Press to control an accessory device with the remote control. You can control a video recorder, DVD, amplifier, or other auxiliary device (CD or SAT). A green indicator lights up. To return to TV mode press the button again, or wait for the light to go out.

PICTURE-IN-PICTURE (PIP)
Press to access the Picture-in-Picture and Dual-window features.

FREEZE
Press to freeze the main picture when PIP is off. In teletext mode, press to hold a page.

VCR BUTTONS
Use with a Video recorder. Press ®® to record, ‡‡ and †† to search, ▲ to stop and ▼ to play.

PIXEL PLUS™
Press to see a demonstration of Pixel Plus. The left half of the screen has Pixel Plus and Digital Natural Motion turned on and right half of the screen has Pixel Plus and Digital Natural Motion turned off. Press the button again to switch the demonstration off.

CURSOR LEFT
Press to navigate the menus and adjust the settings.

OK
Press to activate or select menu choices.

VOLUME +/-
Increases or decreases volume.

DIGITS 0-9
Press to select a channel. For Channels with two digits, you must press the second digit within 2 seconds.

i+ (STATUS/EXIT)
- Press to display information about the current channel and programme, or when navigating the On-Screen-Display menus, information about the selected item.

TIME DISPLAY
Press to display the time.

SURROUND MODE
Press to select the surround sound mode:

Dolby® Virtual
Dolby Virtual uses two speakers to simulate the surround effect produced by a multichannel system.

Incredible Surround™
- The Incredible Surround™ feature provides the feeling that the speakers are farther apart to enhance the home-cinema effect.

SMART SOUND
Press to select a preset sound setting.

ACTIVE CONTROL™
Press to select the Active Control level (Off, Minimum, medium, Maximum). Active Control monitors the incoming signal and the surrounding ambient light to provide the best picture by constantly adjusting the contrast, dynamic contrast, brightness, and colour picture settings.

*Manufactured under license from Dolby Laboratories. “Dolby” and the double-D symbol are trademarks of Dolby Laboratories.

Pixel Plus, Incredible Surround, and Active Control are trademarks of Philips Consumer Electronics. Copyright 2003 Philips Consumer Electronics. All rights reserved.
STANDBY
- Switches the set on and off from standby mode. (The red light indicator lights up when the set is in standby mode.)

PICTURE-IN-PICTURE (PIP)
Press to access the Picture-in-Picture and Dual-window features.

CURSOR UP
Press to navigate the menus and adjust the settings.

TELETEXT ON/OFF
Press to access Teletext information (if provided).

CURSOR RIGHT
Press to navigate the menus and adjust the settings.

CURSOR DOWN
Press to navigate the menus and adjust the settings.

MENU ON/OFF
Press to turn the on-screen menu on and off.

MUTE
Press to mute the sound. To restore the sound, press the key again.

CHANNEL +/-
Press to select channels in ascending and descending order.

SMART SURF
Press to use the Smart Surf feature. If you have Smart Surf set to 2-channels, it will return you to the previously viewed channel. If Smart Surf is set to 9-channel a menu appears with the 9 previously viewed channels.

TELETEXT ENLARGE
Press to enlarge the teletext page.

PICTURE FORMAT
Press to select a picture format. A menu appears with the following options: Automatic, Super Zoom, 4:3, Movie Expand 14:9, Movie Expand 16:9, 16:9 Subtitlee, and Wide Screen. Press the button to scroll through the choices.

No Function

ACTIVE CONTROL™
Press to switch the Active Control™ feature on or off. When Active Control™ is on, it measures and corrects all incoming signals to provide the best picture-quality settings, controlling Sharpness and Noise Reduction continuously and automatically. The onscreen Active Control™ display items cannot be selected. See page 22.

SMART PICTURE
Press to select from a list of preset picture options.
Press the MENU key on the remote control to summon the main menu.

Note: Should your remote control be lost or broken you can still use the keys on the front of the TV. See p. 5.

Press the cursor button up or down to select the TV, Settings, Install or Demo menu.

Note: Sometimes not all the menu items are visible on the screen. Press the cursor down to reveal all items.

Use the cursor button left or right to select the menu item.

Use the cursor button up or down again to select the control you want to select or to adjust. For instance, see Picture menu.

Press the MENU key to turn off the main menu.

The menu system

Pipes, balls and a puck
The hierarchy of menus and controls is represented by an animated visual mechanism of pipes, balls and a puck. The animated mechanism constantly shows the current whereabouts in the menu structure.

The puck surrounds the ball indicating the user’s current position in the menu hierarchy. The puck is always present when the menu system is displayed.

The puck is divided into 4 parts. They correspond to the directional controls (up/down, left/right) on the remote control. The arrows on the cursor indicate which directions to choose.

When menu items cannot fit on the TV display, only a portion is shown.
Those omitted are indicated by a cluster of balls.

Direct selection and control
Menu items are controlled as soon as they are selected. Only a few items require information with the OK key.

List controls
A list control is used to select one or more items from a list of options. Press the right key to move the puck into the list. At least one item is the current value and is highlighted.
Moving the puck up or down with the up/down key causes the list to move up or down.
Press the **MENU** key on the remote control.

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

**Use the cursor down to select Install.**

**Use the cursor right to select Language.**
Follow the instructions on screen.

**Use the cursor up/down to select your preferred language and press the **OK** key to confirm your selection.**

**Proceed with the Install menu.**

### Automatic Channel installation

1. Select **Automatic installation** in the Install menu.
   
   **Note:** All channels must be unlocked in order to autoprogram. If requested, enter your PIN to unlock all channels. *(See TV, Features menu, Child lock, p. 13.)*

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

3. Press the cursor right.

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

   When the Automatic installation is complete, the puck navigates to Install again.
   
   The programme list is automatically filled with all the programme numbers of the TV channels transmitted.

### Manual Channel installation

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

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

   **Note:** Search or direct selection of a TV channel. If you know the frequency, enter the 3 digits of the frequency directly with the digit keys 0 to 9 (e.g. 048). Press the cursor down to proceed.

3. Repeat to search for another TV channel.

   Searching for and storing TV channels is done channel by channel. You **must go through every step** of the Manual Installation menu.
**USING THE MENUS : INSTALL**

**Give name**

1. Select Give Name in the Install menu and press the cursor down.
2. Select the programme number.
   - Note: keep the cursor up/down pressed to scroll through the programme list quickly.
3. Press the cursor right. A keyboard appears on the screen. Only European characters are displayed.
   - Note:
     - Dependent on the language selected in the language menu, the key Special is available or not.
     - When you select Arabic, you can toggle the Special key to display Arabic or English characters. The Shift key is changed to More. Press the More key to toggle between part 1, 2 or 3 of the Arabic character sets.
     - Press the cursor right to enter the keyboard.
     - Press the cursor up/down, left/right to select the first character and press OK. Repeat for every character you want to enter.
   - Select Space to enter a space; Delete to erase the highlighted character in the name entered; Shift to display upper- or undercast characters on the keyboard; Special to display special characters on the keyboard. Press OK to confirm.
4. Press the cursor left repeatedly when you have finished naming the selected channel or peripheral.
5. Select another programme number and repeat steps 3 to 5.

**Reshuffle the programme list**

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

1. Select Reshuffle in the Install menu and press the OK key.
2. Follow the instructions on screen.

**Select Favourite TV channels**

1. Select Favourite programmes in the Install menu.
2. Select your programme number with the cursor up/down.
3. Select Yes or No with the cursor right.
4. Repeat 2 and 3 for every TV channel or external you want to make a favourite or a non-favourite TV channel or external.
Picture menu
Use the Picture menu to adjust picture settings. Use the on-screen Menu-Info for more information about the menu items.

1. Press the **MENU** key on the remote control to summon the main menu.
2. Press the cursor right to select **Picture**.
3. Select the menu items in the Picture menu with the cursor up/down.
4. Adjust the settings with the cursor left/right or enter the list of submenu items with the cursor right.
5. Select a submenu item with the cursor up/down.

The modified adjustments for Contrast, Brightness, Colour, Sharpness, Tint, Digital options and Dynamic Contrast are automatically stored.
Select **Factory settings** in the Setup menu, General, to restore the predefined factory settings, see p. 14.

Digital Options with PAL signals
Although Pixel Plus is the most ideal setting, it may be preferable, dependent on your own preference, to select Double lines, or 100 Hz Digital Scan.

- **100 Hz Dig. Scan** 100 Hz + Dig. Scan (Field and line flicker reduction) without motion compensation.
- **Movie Plus** provides motion compensation to increase clarity around moving images in the picture.
- **Pixel Plus** creates near High Definition performance inside the TV on the basis of a regular input signal. The number of lines are increased and the number of pixels on a line are doubled in combination with Digital Natural Motion. As such Pixel Plus enhances both regular broadcast signals and DVD or Digital TV input towards unparalleled sharpness and depth, near High Definition and natural detail.
- **Double Lines** provides for a doubling of vertical and horizontal resolution which adds astonishing sharpness and a total absence of visible picture lines. Motion compensation reduces jitter and offers smooth, yet sharp motion reproduction.

Digital Options with NTSC signals
- **Progressive Scan** line doubling eliminates line flicker.
- **Pixel Plus**

Note:
- Pixel Plus is not active when Multipip, Teletext (Except when Subtitling is activated) or Teletext Dual screen is selected.
- When having selected Pixel Plus, the size of the menus on screen is reduced. This is a normal behaviour.
- Interference, caused by fluorescent lights just above the TV, may occur when having selected Pixel Plus.
Sound menu
Use the Sound menu to adjust sound settings. Use the on-screen Menu-Info for more information about the menu items.

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

2. Press the cursor right to select Sound.

3. Select the menu items in the Sound menu with the cursor up/down and adjust the settings with the cursor left/right.

Remember, control settings are at normal mid-range levels when the bar scale is centred.

Note:
- Smart Sound allows you to select from a list a preset sound settings.
- Dual X is only available with dual sound transmission.
- Mono/Stereo is only selectable in case of analogue stereo transmission.
- Nicam/Analogue is only selectable in case of Nicam transmission.
- AVL (Automatic Volume Leveller) Automatically controls the volume level to avoid excessive level differences, especially when switching to another channel or during commercial breaks.
- Surround modes can not be modified when a headphone has been connected.

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

Incredible Surround™ enhances stereo programs by making the sound broader and fuller.

Dolby virtual creates a virtual surround sound experience from two speakers.
Dolby Virtual retains all the original multi-channel audio information and provides the listener with the sensation of being surrounded by additional speakers.
Features menu
Use the Features menu to adjust sound settings. Use the on-screen Menu-Info for more information about the menu items.

1. Press the MENU key on the remote control to summon the main menu.
2. Press the cursor right to select Features.
3. Select the menu items in the Features menu with the cursor up/down and adjust the settings with the cursor left/right.

Channel list
• Press the OK key to switch over to the selected TV channel or external.

Select subtitles
• Switch on teletext and select the proper subtitle page from the index.
• Switch off teletext. Now the subtitle page is stored for the selected TV channel.
• Once subtitles have been stored and Subtitle On has been selected they will automatically be displayed on the selected TV channels if subtitles are in the transmission.
• A symbol will indicate that the mode is on.
• Select On during mute when you want to have the subtitles automatically displayed when the sound has been muted with the key on the remote control.

Child lock
Note: Before using Child Lock, you must set a personal 4-digit code using Set Code in the General menu.
1. Select Child lock with the cursor down.
2. Press the cursor right to enter the Child lock menu.
   Enter the access code.
   Note: You have to re-enter your code each time you enter the child lock menu.

Important: If you have forgotten your code:
• Select Cancel with the cursor down.
• Select Set/Change code in the Setup menu. See General menu, Set/Change code, p. 14.
• Press OK.
• Press the cursor right and enter the overriding code 8-8-8-8.
• Press the cursor again and enter a new personal 4-digit code. The previous code is erased and the new code is stored.
   Note: The overriding code only works in the Set/Change code menu.
3. Select one of the menu items of the child lock menu.
   • Select Lock if you want to lock all channels and externals.
   • Select Custom lock and press the cursor right.
     Select Programme lock if you want to lock the programmes from a certain TV channel or external.
   • Select Unlock to unlock all locked channels and externals at once.
**General menu**

Use the General menu to adjust settings that are not changed often. Use the on-screen Menu-Info for more information about the menu items.

1. Press the **MENU** key on the remote control to summon the main menu.
2. Press the cursor down to select **Setup**.
3. Press the cursor right to select **General**.
4. Select the menu items in the General menu with the cursor up/down and adjust the settings with the cursor left/right.

Note:
- Use **Time** and **Day** to set the Clock.
- **Menu Background** places a background behind the menu to make it easier to read.
- **Smart Surf** sets the Smart surf button for either a 9-channel surf list or a previous channel toggle.
- **Dual Screen Format** sets the PIP button to display a dual screen, or a number of PIP windows.
- **Freeze format** sets which type of default Freeze option you want to appear when you press the Freeze button.
- **Factory Settings** resets the picture and sound settings to the factory defaults.
- **OSD** sets the size of the volume and channel display.
- **Programme title** sets the TV to display the programme title according to the teletext information.
- **Teletext level 2.5** sets the TV to use Teletext level 2.5 which supports more colors and backgrounds.
- **Change Code** is used to set a new 4-digit personal code. Note: Before using Child Lock, you must set a personal 4-digit code.
- **Colour** sets the correct colour system.
Source

Use this menu to select the peripheral you connected to one of the external inputs. Use the on-screen Menu-Info button for more information about the menu items.

1. Press the MENU key on the remote control to summon the main menu.
2. Press the cursor down to select Setup.
3. Press the cursor right to select Source.
4. Press the cursor down to select one of the external inputs.
5. Press the cursor right to enter the list of names of peripherals attached to the selected input.
6. Select the peripheral device with the cursor up/down.

Once you have selected the source, e.g., VCR, this AV-input will automatically be selected when your remote control is in VCR mode and when you press the VCR button on the remote control. See p. 23.

Converge

With a projection TV the picture is created by projecting light from multiple sources onto the screen. How well these light sources align is called Convergence. Convergence can get misaligned. You can tell by the appearance of “halos” around the objects in the picture. You can either set the convergence manually or have the TV do it automatically.

1. Press the MENU key on the remote control to summon the main menu.
2. Press the cursor down to select Setup.
3. Press the cursor right to select Converge.
4. Press the cursor down to select IntelliSense or Manual Convergence.
   • To use IntelliSense, press OK. The TV will do the rest.
   • To use Manual Convergence, select the setting you need to adjust and use the Cursor to line up the cross signs.
5. If you select Manual convergence, choose a type of convergence to set.

Remember: Use the on-screen Menu-Info button for more information about the menu items.

Activating IntelliSense® Using the TV Key

With the TV on, press the IntelliSense key on the front of the TV. Picture convergence will be adjusted automatically in 20 seconds.

Note: When using Arabic as the On Screen Display language the Converge screen may display in English. Press the cursor buttons to select a position on the screen to adjust, then press i+. Now press the cursor buttons to line up the crosses. Press i+ to exit.
The Demo menu allows to demonstrate the TV features separately or in a continuous loop.

1. Press the MENU key on the remote control to summon the main menu.
2. Select Demo in the Main menu with the cursor down.
3. Select Auto demo or one of the features with the cursor right and press the OK key on the remote control.
   • If Auto demo has been selected the demo will automatically present all the features sequentially in a loop.
   • Press one of the cursor keys to stop the Auto demo.
   • If one of the features has been selected, this particular feature demo will run one time only, until activated again, and the Demo menu will reappear.

Select Dealer Demo
Select Digital options, Light sensor and Comb filter On or Off to really see the difference in picture quality. In Dealer Demo mode it is possible to change channels with - CH + and to adjust the volume.

Note: the Dealer Demo is not part of the automatic sequence and can only be activated separately.
The Picture-in-Picture (PIP) feature allows you to call up a subscreen within your main screen to watch two or more channels or a channel and a peripheral at the same time.

The Dual-window feature allows you to divide the main screen into two subscreens so that two channels or a channel and an external source can be watched simultaneously.

1. Press the 12 key on the remote control to switch PIP on. You can set the default PIP size in the General Menu, under Dual Screen format, p. 14.

2. Press and hold the 12 key choose another PIP size or MultiPip.

**Switching Screens**

Use the Cursor to select the PIP window. The selected window will be outlined in yellow. Press OK and they will change places.

**Changing PIP Channels.**

Use the cursor to select the PIP window and change channels normally.
Many TV channels broadcast information via teletext. Each channel that broadcasts teletext transmits a page with information on how to use its teletext system. Look for the teletext page with the main index (usually p. 100).

Depending on the TV channel, teletext is transmitted in different systems. The colours used in the options line correspond with the colour keys of your remote control.

**About Teletext**

Easy Text considerably reduces the waiting time (on condition that the teletext broadcast of the particular TV channel is received for at least half a minute) by:

- a direct selection of previous and following pages that are in transmission and of the pages referred to in the options line at the bottom of the teletext screen;
- a habit watcher list: frequently used pages are put automatically in a list of preferred pages so that they are immediately available;
- the precapturing of the page numbers referred to in the displayed page; and
- the precapturing of all the subpages.

**Switching Teletext on and off**

1. Press the **key to switch the teletext on.**
   The main index page appears on the screen together with two information lines at the top and one option line at the bottom of the screen.

2. Press the **key again to overlay the teletext page on the TV programme.**

3. Press the **key once again to switch the teletext off.**

**Selecting a Teletext Page**

**With the digit keys**

Enter the desired page number with the digit keys.

The page counter seeks the page or the page appears immediately when the page number has been stored in the memory.

*A message appears when you have entered a nonexistent or incorrect page number. Page numbers beginning with 0 or 9 do not exist. Choose another number.*

**With the option line**

Use the colour keys—which correspond to the coloured options at the bottom of the screen—to select the desired subject.

If the option line is not on the screen, press the selected colour key TWICE.

*Continue to the next page.*
Quickly Running Through the Teletext Pages

Press the cursor up/down or the CH +/- keys to run through the previous or the following pages.

Selecting the Index Teletext Page

Press the [ ] key to return to the main index (usually p. 100).

Selecting Subpages

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

Arrows in front of the page number indicate that other subpages are available.

The other subpages can be selected in two ways:

With the cursor left/right

The other subpage numbers appear in white as soon as the transmission has found them. They are stored in the memory so that they are available while the teletext page is on screen.

Use the cursor left/right to select the previous or the following subpage.

Using Special Teletext Functions

Enlarge

Press [ ] repeatedly to display the upper part and the lower part, and then to return to the normal page size. When the upper part is displayed, you can scroll the text, line by line using the cursor up/down.
You can connect a wide range of video and audio equipment to your TV in various ways. This page and the next one provide an overview of signal compatibilities and the types of equipment you can connect to the sockets. Connection examples follow on subsequent pages. As necessary, also refer to the handbook for peripheral equipment.

### Overview: Standard Inputs/Outputs

1. **ANTENNA IN 75Ω socket**—compatible with the broadcast standard in your area. Use to connect radio-frequency (RF) signals from VHF/UHF antennas or a cable system.

2. **PbPrY (component video input [CVI] sockets)**—compatible with 480i and 576i signals. Use to connect equipment having component video outputs, such as DVD players, laser-disc players, video-game players, satellite receivers, or other equipment. Use the INPUT-AV 1 L(eft) and R(ight) AUDIO sockets for sound connections.

3. **S-VIDEO (super video) sockets**—compatible with 480i and 576i signals. Use to connect peripherals having Super VHS (S-VHS) outputs, such as VCRs, DVD players, laser-disc players, video-game players, satellite receivers, or other equipment.

4. **VIDEO (composite) sockets** *(INPUT-AV 1, INPUT-AV 2, and TV’s side socket panel)*—compatible with 480i and 576i signals. Use to connect peripherals having composite video outputs, such as VCRs, video-game players, or other equipment.

5. **AUDIO inputs** *(INPUT-AV 1, INPUT-AV 2, and TV’s side socket panel)*—use to connect from the audio output sockets on VCRs, DVDs, or other peripherals.

6. **MONITOR OUT (VIDEO/AUDIO)**—use to connect to a VCR to record programmes from the TV. Or use the AUDIO outputs to connect to an audio hi-fi system.

7. **Headphone socket (stereo, 3.5 mm)**—use to connect headphones for personal listening. The headphone impedance must be between 8 and 4000 Ohms.
The AV3 and AV4 sockets allow you to connect digital equipment with 1080i/480p (60Hz) or 576p (50Hz) signal output.

**Overview : High-definition Inputs**

1. **AV3**—use to connect digital equipment with a 1080i/480p (60Hz) or 1080i/576p (50Hz) signal output, such as digital set-top boxes or DVD players with progressive-scan capability. You can connect equipment with PbPrY component video or RGB outputs to the AV4 sockets. H and V Sync connections may or may not be required for RGB connections. Use the AV3 L(eft) and R(ight) AUDIO sockets for sound connections.

   See the handbook for the device you are connecting.

2. **AV4**—use to connect digital equipment with a 1080i/480p (60Hz) or 1080i/576p (50Hz) signal output, such as digital set-top boxes or DVD players. The AV4 socket accepts a DB15 connector. Note, however, that adapters can also be used to connect from component video output to this DB15 socket. Use the AV5 L(eft) and R(ight) sockets for sound connections.

   See the handbook for the device you are connecting.

<table>
<thead>
<tr>
<th>Input</th>
<th>Video Description</th>
<th>Accepts Video Sync according to :</th>
</tr>
</thead>
<tbody>
<tr>
<td>AV3 AV4</td>
<td>480p (60Hz)</td>
<td>EIA/CEA-770.2-C</td>
</tr>
<tr>
<td>1080i (60Hz)</td>
<td>EIA/CEA-770.3-C</td>
<td></td>
</tr>
<tr>
<td>576p (50Hz)</td>
<td>ITU-R BT.1358</td>
<td></td>
</tr>
<tr>
<td>1080i (50Hz)</td>
<td>EIA/CEA-861-B</td>
<td></td>
</tr>
</tbody>
</table>
Video Recorder : Playback

1. Connect the RF cable to the RF socket on your video recorder.

2. Connect another RF cable from the output of your video recorder to the ANTENNA IN 75Ω socket on your TV.

3. Better playback quality can be obtained if you also connect the Video, Audio Left and Right (only for stereo equipment) cables to the VIDEO and AUDIO L (mono) and R inputs of INPUT-AV 2.

   Note: In case of mono equipment, only the left loudspeaker reproduces sound. Use a mono-to-stereo adapter (not supplied) for sound reproduction via the internal loudspeakers.

   The MONITOR OUT connectors can be used for daisy chaining or recording programmes from your TV. See page 23.

   S-VHS-Video quality with an S-VHS video recorder is obtained by connecting the S-VHS-Video cable with the S-VIDEO input instead of connecting the video recorder to the VIDEO input. See the handbook for the video recorder.

If You Do Not Make the Video and Audio Connections in Step 3 Above:

Search for and store the test signal of the video recorder.

1. Unplug the RF cable from the RF socket of your video recorder.

2. Switch on your TV and put the video recorder on the test signal or play a prerecorded tape. See the handbook for your video recorder.

3. Search for the test signal of your video recorder in the same way you searched for and stored the TV signals. See pages 9 and 10.

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

5. Replace the RF cable in the RF socket of your video recorder after you have stored the test signal.
**CONNECTING PERIPHERAL EQUIPMENT**

**Video Recorder : Recording**

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

**Recording a TV Programme**

1. Select the channel number on your video recorder.

2. Set your video recorder to record.
   
   See the handbook for your video recorder.
   
   *Switching channel numbers on your TV does not disturb recording.*

**Recording a Programme on Your Video Recorder Connected to MONITOR OUT from Audio/Video Equipment Connected to AV1, AV2, or to the Sockets on the Side of the TV (AV3)**

1. Switch on the equipment.

2. Select the correct external source on your TV and on your video recorder.

3. Set your video recorder to record.
   
   You record what you are watching on the screen.
   
   *Do not switch channel numbers and do not switch off your TV when you are recording.*
Connecting Peripheral Equipment

Video Recorder and Other A/V Peripherals

1. Connect the RF cable to the RF socket on your A/V peripheral equipment.

2. To obtain better picture quality, also connect the Video and Audio left and Audio right (only for stereo equipment) cables to the VIDEO and AUDIO L (mono) and AUDIO R input of the INPUT-AV 2 sockets.
   Note : In case of mono equipment, only the left loudspeaker reproduces sound. Use a mono-to-stereo adapter (not supplied) for sound reproduction via the internal loudspeakers.

3. Connect the RF output of the A/V peripheral equipment to the RF input on the video recorder.

4. When a video recorder is not connected to MONITOR OUT on your TV, you can record a programme only from the aerial or from the cable system.
   Only when a video recorder is connected to MONITOR OUT is it possible to record a programme from other equipment connected to the TV.
   Connect Video and Audio left (mono) and Audio right cables from the video recorder A/V inputs to the VIDEO and AUDIO L (mono) and AUDIO R sockets of the MONITOR OUT on your TV.

5. Connect from the RF output on the video recorder to the ANTENNA IN 75Ω socket on your TV.

DVD Player

Note : Progressive-scan DVD players can be connected to the AV4 or AV5 inputs only.

1. Connect the cables of your DVD player with component video output to the Y-Pb-Pr INPUT-AV 1 sockets on your TV.

2. Connect the cables from the Video and Audio (L and R) outputs on the DVD player to the INPUT-AV 1 VIDEO and AUDIO L (mono) and R inputs on your TV.
   See the handbook for your DVD player.
   Note : The names of the component video sockets may differ depending on the DVD player or digital source equipment used. For example, besides PbPrY, you may see R-Y/B-Y/Y or CrCbY. Although abbreviations and terms may vary, the letters B and R stand for the blue and red color component signal connectors, respectively. The Y indicates the luminance signal. If necessary, see the handbook for the digital equipment for more information.
**S-Video Equipment**

Note: Progressive-scan DVD players can be connected to the AV3 or AV4 inputs only.

1. Connect an S-VIDEO cable to the INPUT-AV 2 S-VIDEO input.

2. Connect the audio cables to the equipment’s AUDIO L (mono) and AUDIO R sockets and to the INPUT-AV 2 AUDIO L (mono) and AUDIO R sockets on your TV.

**AV3 and AV4 Digital High-definition Inputs**

When you have digital equipment with 1080i or 480p signal output (60Hz) or 576p signal output (50Hz), connect it to the AV3 or AV4 inputs on your TV. Examples of such equipment are digital set-top boxes and progressive-scan DVD players.

**Connecting to AV3**

Connect digital equipment with component video output (usually labeled Y-Pb-Pr) or with RGB output (phono-type connectors) to the AV3 inputs for video and audio left and right. Also connect to the H and V SYNC inputs on the TV if required for your digital equipment.

Note: The AV3 sockets are compatible with some digital equipment having RGB outputs with “sync on green” or RGB with “separate H and V sync.” Output standards for digital equipment, however, may vary by manufacturer. No industry standards have been established for HD television RGB signal systems, timing, synchronization, and signal strengths. If the digital equipment you want to connect to your TV offers both component video and RGB outputs, component video is the suggested connection to use. See the handbook for the digital equipment.

**Connecting to AV4**

Connect digital equipment with RGB or Y-Pb-Pr output to the AV4 inputs for video and audio left and right. A DB15 cable or adapter cable with a DB15 connector is required.

Note: The AV4 input cannot be used to connect a computer or any other VGA device.

**Notes regarding connecting to either AV3 or AV4**:
- See the handbook for the high-definition equipment.
- If you notice scrolling images, wrong colors or no color, no picture or even combinations of these on your screen, check to see if the connections have been done properly.
**Connecting Peripheral Equipment**

**Camera and Camcorder**

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

1. Connect the equipment to the VIDEO or S-VIDEO socket.
   Note: S-VHS quality with an S-VHS camcorder is obtained by connecting an S-VIDEO cable with the S-VIDEO socket instead of making a connection to the VIDEO socket.

2. Connect the equipment to the AUDIO L socket for mono or both the AUDIO L and R for stereo.

**Headphone**

1. Insert the plug into the headphone socket; at the right side of the TV.

2. Press \( \mathbf{\text{M}} \) on the remote control to switch off the internal loudspeakers of the TV.

**Notes:**
- The headphone impedance must be between 8 and 4000 Ohms.
- The headphone socket has a 3.5 mm socket.
- In the SOUND menu, select HEADPHONE to adjust the headphone volume and balance.

**Additional Audio Connections : External Hi-fi**

If you would like to hear TV programmes through your audio hi-fi system, your TV offers this capability.

1. Connect the audio cables to the AUDIO L and R input sockets of your amplifier and to the AUDIO L (mono) and R MONITOR OUT sockets of the TV.

2. Turn the TV and audio system on.

3. Control the volume of the hi-fi system at the hi-system’s amplifier. Volume adjustments made to the TV do not affect the volume of the hi-fi system.
Additional Audio Connections: Surround Sound

Your TV has extra sockets that allow you to connect to an external audio amplifier system and powered subwoofer. This connection will provide a surround-sound experience similar to a movie theatre or concert hall.

1. Connect audio cables from the AUDIO L and R MONITOR OUT sockets of the TV to the AUDIO L and R inputs sockets on the surround-sound amplifier.

2. Connect speaker wires from the surround-sound amplifier's front and surround-sound speaker sockets to the front and surround-sound speakers.

3. Connect an audio cable from the SUBWOOFER output of the TV to the Low Level Input sockets on the powered subwoofer.

4. Adjust volume for the surround-sound amplifier and powered subwoofer at those pieces of equipment.

Note: The gray circle indicates the primary viewing area.
SELECTING CONNECTED EQUIPMENT FOR VIEWING

Equipment Connected with an Aerial Cable Only

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

Equipment Connected to the back or to the side of the TV

1. Press \(\text{AV}^+\) to select the AV input for the device you want to use: AV1, AV2, AV3, AV4, or side

2. Press the Accessory buttons to control an accessory device with the remote control. You can control a video recorder, DVD, amplifier, or other auxiliary device (CD or SAT). A green indicator lights up. To return to TV mode press the button again, or wait for the light to go out.

TV Channels

Enter the channel number of the TV channel you want to watch with the digit keys.
WARNING Concerning Stationary Images on the TV Screen:

Do not leave stationary or “letterbox” images on screen for extended periods of time. This can cause uneven picture-tube aging.

Normal use of the TV should involve the showing of pictures that contain constantly moving and changing images that fill the screen. Be careful not to leave nonmoving images on screen for extended periods of time or to display the same images on screen too frequently, because subtle ghost images can be left on the picture tubes. Avoid showing the same stationary images more than 15 percent of your total viewing in any one week. Sources of stationary images may be DVD discs, laser discs, video games, CD-i discs, videotapes, digital television boxes, broadcast channels, cable channels, satellite channels, and others. Here are some examples of stationary images (this is not an all-inclusive list; you may encounter others in your viewing):

- **DVD menus**—listings of DVD disc content
- **“Letterbox” black borders**—black bars shown along the edges of the picture when a widescreen (16:9) movie is played on TV
- **Video-game images and scoreboards**
- **Television station logos**—present a problem if they are bright and stationary; moving or low-contrast graphics are less likely to cause uneven aging of the picture tube
- **Stock-market tickers**—presented at the bottom of the TV screen
- **Shopping channel logos and pricing displays**—bright and shown constantly or repeatedly in the same location on the TV screen.

All picture tubes age with use, with their light output diminishing over time. But by maintaining normal use—mixing television picture types—you will create conditions for the tubes to age at an even rate. The result will be a TV picture that is evenly bright over the entire screen.

Placement of the TV

- See page 4.

Cleaning

- To avoid possible shock hazard, be sure the TV is unplugged from the electrical outlet before cleaning.
- Regularly dust the TV with a dry, nonscratching duster to keep the TV clean.
- When cleaning the TV, take care not to scratch or damage the screen surface. Avoid wearing jewelry or using anything abrasive. Do not use household cleaners. Wipe the front screen with a clean cloth dampened with water. Use even, easy, vertical strokes when cleaning.
- Gently wipe the cabinet surfaces with a clean cloth or sponge dampened in a solution of cool, clear water and a mild soap or detergent. Use a clean, dry cloth to dry the wiped surfaces.
- Occasionally vacuum the ventilation holes or slots in the back cover of the set.
- Never use thinners, insecticide sprays, or other chemicals on or near the cabinet, as they might cause permanent marring of the cabinet finish.

Tips

- Do not shift or move the set around when it is switched on. Unevenness in colour in some parts of the screen may occur.

End-of-Life Disposal of the TV

Philips is making its products environmentally friendly. Your new TV contains materials that can be recycled and reused. Specialised companies can dismantle your discarded TV at the end of its life, concentrating on the reusable materials and minimising the amount of materials to be disposed. Please be sure to dispose of your old TV according to local regulations.

Disposal of Exhausted Batteries

The batteries supplied do not contain the heavy metals mercury and cadmium. Nevertheless, in many countries exhausted batteries may not be disposed of with your household waste. Please ensure you dispose of exhausted batteries according to local regulations.
<table>
<thead>
<tr>
<th>Symptom</th>
<th>What to do</th>
</tr>
</thead>
</table>
| TV remote control does not work        | • Check that the batteries are installed correctly.  
• Replace the batteries, if necessary.  
• Clean the remote control and the remote-sensor window on the TV.  
• Be no farther than 6 meters from the TV when using the remote control and aim the remote toward the TV’s remote-sensor window.  
• If the remote still will not work, use the keys on the TV. |
| No power                               | • Check that the TV’s power cord is plugged into the mains socket. If there is still no power, disconnect the plug. Wait for 60 seconds and reinsert the plug and then switch on the TV again.  
• See if the outlet is controlled by a wall switch.  
• If you are using an AC power strip, be sure the fuse on the power strip is not blown. |
| No picture                             | • Check the antenna connection at the rear of the TV to see if it is properly connected to the TV input terminal.  
• The broadcast station may be experiencing difficulty. Try another channel.  
• Adjust the contrast and brightness settings or select another picture setting with the Smart Picture key on the remote control.  
• If using peripheral equipment through the A/V inputs, be sure it is properly connected.  
• Be sure you have selected the correct signal source for viewing.  
• If you are attempting to view a picture from a progressive-scan-capable DVD player connected to the AV3 or AV4 sockets, be sure you have switched the DVD player to progressive-scan mode.  
• If you are using an HD receiver, be sure its output is set correctly (to HD or SD), based on the connection to the TV you have made. |
| Good picture but no sound              | • Increase the volume.  
• Check that the TV is not muted; press the ** volume key on the remote control.  
• When no signal is detected, the TV automatically switches off the sound. This is proper operation and does not indicate a malfunction.  
• Check the transmission system’s sound settings on the set. |
| Good sound but poor colour or no picture | • Adjust the contrast and brightness setting or select another picture setting with the Smart Picture key on the remote control.  
• Check the transmission system’s colour settings on this set. |
| Poor picture                           | • Poor picture quality sometimes occurs when an S-VHS camera or camcorder has been connected to the side panel (AV3) of the TV when another peripheral is connected to AV1 or AV2 simultaneously. In this case, switch off one of the other peripherals. |
| Snowy picture and noise                | • Check the antenna connection.                                                                                                                                                                          |
| Colour patch (unevenness)             | • Switch off the TV by the mains power key. Wait for 20 minutes before switching on again.  
• Be sure you have made connections correctly.  
• If you have connected digital equipment to the AV3 or AV4 sockets, check the colour-space setting on the equipment or TV and change the setting on either if necessary.  
• Check to be sure the TV is not placed too near speakers or magnetic objects.  
• Adjust the TV’s convergence. |
| Horizontal dotted lines                | • This may be caused by electrical interference from appliances such as hair dryers or vacuum cleaners or other sources such as neon lights. Turn off the appliance or move the TV. |
| Double images or “ghost” images        | • High-rise building or hills may be obstructing reception. Try using a highly directional antenna to improve the picture.  
• Converge the picture using IntelliSense or Manual Converge. |
| One white line across the screen       | • Switch the TV off immediately and consult a qualified service person.                                                                                                                                 |
| NICAM sound distortion (crackling noise) | • This could be due to antenna siting or reflected signal.  
• Switch over to “MONO” by pressing the ** key on the remote control. |
| BlueBlush buttons don’t light          | • The feature may be disabled. See page 5 to enable it.  
• Some colors of clothing may not reflect the signal to activate the lighting. Try wearing lighter colors. |
| BlueBlush buttons light too often or unexpectedly | • The sensors sense any movement with their range. If this is problematic you can disable the feature. See page 5. |

**If your problem is not solved,** switch the TV off and then back on again once. **Never attempt to repair a defective TV yourself.** Check with your dealer or call a TV technician.
INDEX

a audio inputs, 20
   AV3, 21, 25
   AV4, 21, 25
automatic tuning of channels, 9

b BlueBlush buttons, 5

c camcorder, 26
   cleaning, 29
   child lock, 13
   converge, 15

d demo, 16
   Dolby® virtual, 6
   dual screen, see PIP
   DVD, 24

f favorite channel list, 10
   features menu, 13
   freeze, 6

g general menu, 14
   give name, 10

h headphone, 26
   HD inputs, 21

i information on screen (i+ key), 6
   intellisense, 5, 15

m manual installation, 9
   menu use, 8

p picture menu, 11
   pip, 18

r remote control, 6-7

s s-video, 20, 25
   sound menu, 12
   source menu, 15

t teletext, 18-19
   troubleshooting (before calling service), 30

v video recorder, 22
   volume, 5

y PbPrY, 20
The technical specifications are subject to change without notice.

### SPECIFICATIONS

#### Picture/Display
- **Aspect Ratio:** 16:9
- **Display Technology:** Projection TV, CRT, 7" liquid cooled
- **Picture Enhancement:** Acclearium Digital Optics, Active Control + Light Sensor, APAC, Auto Intellisense, Black Stretch, Blue Stretch, Color Enhancement, Color Transient Improvement, Digital Comb Filter, Color Temperature, Digital Natural Motion, Digital Noise Reduction, Dynamic Contrast, LTI, Movie Plus, Pixel Plus
- **Screen Enhancements:** Saphlon Screen, Anti-Aging Circuit, Anti-Reflection, High Brightness, High Contrast
- **Size:** 46" or 55"

#### Supported Display Resolution
- **Computer Formats:** 640 x 480, 60Hz
- **Video Formats:** 480i 60Hz, 480p 60Hz, 576i 50Hz, 576p 50Hz, 1080i (1250) 50Hz, 1080i 60Hz, 1080i 50Hz

#### Sound
- **Bass Enhancement:** Loudness
- **Output Power (RMS):** 30 watt RMS (50Hz-10kHz at 5% THD)
- **Sound Enhancement:** Automatic Volume Leveler, Equalizer
- **Speaker Size:** 2", 5"
- **Speaker Number:** 4
- **Speaker Type:** tweeter, woofer

#### Tuner/Reception
- **Aerial Input:** 75 Ohm IEC-Type, 2 Tuner with splitter
- **Auto Store:** Yes
- **Standards:** NTSC M (3.58-4.5), NTSC (4.43-5.5), PAL B/G, PAL D/K, PAL I, SECAM B/G, SECAM D/K, SECAM K1

#### Connectivity
- **AV1:** 480i 60Hz, 576i 50Hz, CVBS in, PbPrY, Audio L/R in
- **AV2:** 480i 60Hz, 576i 50Hz, CVBS in, S-Video Y/C, Audio L/R in
- **AV3:** 1080i 50Hz, 1080i (1250) 50Hz, 1080i 60Hz, 480p 60Hz, 576p 50Hz, PbPrY, RGB+H/V, Audio L/R in
- **AV4:** 1080i 50Hz, 1080i (1250) 50Hz, 1080i 60Hz, 480p 60Hz, 576p 50Hz, DB15, RGB+H/V, Audio L/R in
- **Side:** 480i 60Hz, 576i 50Hz, CVBS in, S-Video Y/C, Audio L/R in, Headphone out
- **Output rear:** Subwoofer out, CVBS out, Audio L/R out

#### Convenience
- **Child Protection:** Child Lock, Parental Control
- **Clock Functions:** Clock, Sleep Timer
- **Convenience Enhancements:** Proximity Activated Lighted Controls (BlueBlush Buttons), Auto Program, Auto Picture Modes, Auto Sound Modes, Program Information
- **Menu Languages:** 69/: Arabic, Chinese-Simplified, English, Malay 93/: Chinese-Simplified, English
- **Picture Functions:** Freeze, Replay, Photo Finish
- **Picture-in-Picture:** Double Window, Mozaic, 2-Tuner
- **Remote Control:** Universal Remote Control, RC2049, Batteries

#### Dimensions
- **46PP9545:**
  - **Product Dimensions (WxHxD):** 113 cm x 134 cm x 60 cm
  - **Product Weight:** 80 kg
  - **Carton Dimensions:** 125 cm x 140 cm x 71 cm
  - **Weight incl. Packaging:** 91 kg
- **55PP9545:**
  - **Product Dimensions (WxHxD):** 134 cm x 145 cm x 65 cm
  - **Product Weight:** 85 kg
  - **Carton Dimensions:** 146 cm x 151 cm x 82 cm
  - **Weight incl. Packaging:** 100 kg

#### Power
- **Complies with Energy Star, less than 1 watt standby**
- **Mains Power:** 69/: 90-276V, 50-60Hz 93/: 160-276V, 50-60Hz
- **Power Consumption:** 180 watts average
INTERNATIONAL GUARANTEE CONDITIONS

中文 / Chinese

感谢您购买飞利浦产品。关于适用于本产品的飞利浦质量保证，我们建议您向飞利浦 www.philips.com/guarantee 网站查询。飞利浦质量保证将不会影响到您的其他权利。在您无法与互联网联接的情况下，请与当地的飞利浦服务中心联系。联系方式请见以下用户服务中心清单。

Hrvatski / Croatian

Drugi kupce,
Hvala na kupnji ovog Philips proizvoda.

Dansk / Danish

Kære kunde,

Suomi / Finnish

Hyvät asiakastemän,

Français / French

Cher client,
Nous vous remercions d’avoir acquis ce produit Philips. Pour de plus amples informations sur la garantie Philips applicable, veuillez consulter le site Web Philips www.philips.com/guarantee. La garantie Philips ne remet pas en cause vos droits prévus par la loi. Si vous n’avez pas accès à Internet, veuillez prendre contact avec le Service Consommateurs Philips, dont les coordonnées sont données dans la liste des centres de service aux consommateurs ci-après.

Deutsch / German

Sehr geehrter Kunde,

ΕΛΛΗΝΙΚΑ / GREEK

Αγαπητή πελάτη,
Σας ευχαριστούμε που αγοράσατε αυτό το προϊόν της Philips. Για την εγγύηση της Philips που καλύπτει αυτό το προϊόν, επισκεφθείτε τη διοικητική τοποθεσία της Philips www.philips.com/guarantee στη χώρα σας. Θα βρείτε τη διεύθυνση αυτή στον κατάλογο με τις διοικητικές τοποθεσίες των τοπικών αντιπροσώπων της Philips παράκατα. Η εγγύηση της Philips δεν επηρεάζεται τα νόμιμα δικαιώματά σας. Σε περίπτωση που δεν έχετε σύνδεση στο Διαδίκτυο, επικοινωνήστε με το Κέντρο Εξυπηρέτησης Πελατών της Philips στην περιοχή σας. Τα στοιχεία επικοινωνίας υπάρχουν στον κατάλογο με τα Κέντρα Εξυπηρέτησης Πελατών, που ακολουθεί.

Italiano / Italian

Gentile Cliente,

Nederlands / Dutch

Beste klant,

Norsk / Norwegian

Kære Kunde,

Português / Portuguese

Estimado Cliente,
Agradecemos o facto de ter adquirido este produto da Philips. Relativamente à garantia da Philips que se aplica a este produto, recomendamos que consulte o Web Site da Philips www.philips.com/guarantee. A garantia da Philips não afecta os seus direitos legais. Na eventualidade de não dispor de uma ligação à Internet, contacte com o Centro de Apoio ao Cliente da Philips local. As informações sobre os contactos encontram-se na lista de Centros de Apoio ao Consumidor apresentada a seguir.
Dear Customer,
Thank you for purchasing this Philips product. For the Philips warranty applicable to this product, we refer you to the Philips website www.philips.com/guarantee. In the event you do not have an Internet connection, please contact your local Philips Consumer Care Centre. Contact details are given in the Consumer Care Centres list hereafter.
CONSUMER INFORMATION CENTRES

SHQIPERIA / ALBANIA
Electroservice, Rr. Qamil Guranjaku
Tirana
Phone: +355 4 365 314

NEED, ANTILLEN / ANTILLES
Philips Antillana N.V.
Kamanda A.J.E. Kusters 4
Zeelandia
P.O. Box 3523 3061
Willemstad, Curacao
Phone: (99) 4612799

ARGENTINA
Philips Argentina S.A.
Centro de Informacion al Usuario
Vedia 3892
1430 - BUENOS AIRES
Phone: (01) – 45542047

HAYATAN / ARMENIA
Samigir
Amirbandi 125A
45-77777 - 7
Kevorkn 50/12 (em 02081 12)
Phone: +374 1 332 372

ÖSTERREICH / AUSTRIA
Tel: 01801 00 0123
(Mo-Fr 08-18 Uhr).

AUSTRALIA
Philips Consumer Electronics Technology Care Centre
Level 2, 65 Epping Rd, North Ryde
SYDNEY NSW 2113
Phone: 1300 363 391

AL BAHRAIN / BAHRAIN
Mohammed Fakraddin & Brothers
P.O. Box 439
Manama
Phone: 973 7000424

BANGLADESH
Philips Service Centre
100 Kazi Nazimuddin
Avenue Kawran Bazar C/A
Dhaka-1215
Phone: (02) 812909

BULGARIA
Philips Consumer Electronics Technology Care Centre
Villa St.Lucret, Quebec, H4R1N4
Phone: 1-800-365-7278 (French)
1-800-661-6162 (English)

CENTRAL AMERICA & CARIBBEAN
Philips Caribbean, Panamá, Inc.
Calle 54 y Av. de la Guaria
Edif. American International 2nd floor
POBOX 873914, Panama 7
REP. DE PANAMA
Phone: (507) 223 9544

CHILE
Philips Chile S.A.
Av. Arturo Prat 11160
P.O. Box 2687
SANTIAGO DE CHILE
Phone: (02) 730 2220

CHINA
Philips China
148 Jiu Jin Road
Shanghai 200001
Phone: (021) 612909

Philips Authorized Service Centre
Service & Repair Center
80 Dong Fong Road East
Guangzhou, 510006
Phone: (020) 7766990

Philips Authorized Service Centre
80 Dong Fong Road East
Guangzhou, 510006
Phone: (020) 7766990

Philips Service Logistic Centre
P.O. Box 022076, Neptun Depot
Store
Puding New District
Shanghai 200011
Phone: (021) 63511263

Philips Authorized Service Centre
1667-1677 Kennedy Road
WANCHAI
Phone: 2821 5345

COLOMBIA
Industrias Philips de Colombia S.A.
Division de Servicio
Calle 13 No 51-39
Apartado 4282
Bogota
Phone: (01) – 6235511
9800 - 18971 (Toll free)

HRVATSKA / CROATIA
Philips Representative Office Croatia
Kalnikova 3
10000 Zagreb
Telephone: 01 3033 754/75 755/75 731

ČESKÁ REPUBLIKA / CZECH REPUBLIC
Infoklína Philips
Sofářská 1
155 00 PRAGA 5
Phone: 230999530
Fax: 23088953

DENMARK / DENMARK
Philips Kristendrup
Fredriksberg 6
1780 København V
Denmark
Phone: 8080 28 14

SUOMI / FINLAND
Oy Philips Ab
Linnonkatu 11, 02600 Espoo,
Helsinki, Finland
Puh.: 358 09 6158 0250

LA FRANCE / FRANCE
Service Client/Consommateurs
Philips BP 0101
75622 Paris Cedex 13
Telephone: 08 25 88 97 89
(0.15 TTC la minute)

SACARTVELO / GEORGIA
Chimer Ltd.
8 Baratashvili street
Philips Center
380005 Tbilisi
Phone: 4995 32 99 70 25

DEUTSCHLAND / GERMANY
Tel: 01805 35 55 57
(Mo-Fr 08-18 Uhr.
www.philips.de

ΕΛΛΑΣ / GREECE
Επίσημη Ελληνική Αρμόδια Εταιρεία
2η ΜΑΡΤΙΟΥ 18
ΤΧ 17778 ΤΑΥΡΟΣ
Τηλέφωνο: 00800 312 212 80
(Μετοχική εταιρεία)

ΗΚΙΝΟΝ / HONG KONG
Philips Hong Kong Ltd.
16F/Hopewell Ctr.
17 Kennedy Road
WANCHAI
Phone: 2821 5345

MAGYARORSZÁG / HUNGARY
Philips Hungar Ltd
H-1119
Budapest, Feheri u. 14A
Phone: +36 1 382 1700

हिंदी / INDIA
Philips India
Bandbox House
254-D Dr. A.R. Banker Road, Worli
Bombay 400 025
Phone: (022) 4976611

Customer Relation Centre
7, Jeevan Chandra Mathab Road
Calcutta 700 020
Phone: (033)-747733

Customer Relation Centre
3, Hardlow Road
Madras 600 006
Phone: (044)-562221

Customer Relation Centre
69, Shiva Puri
New Delhi 110 015
Phone: (011)-5469622

INDONESIA
Philips Group of Companies in Indonesia
Jl. Jatirajasa Raya, Kav. 99-100
12010 Jakarta
Phone: (021)-7490404

IRELAND
Philips Electronics Ireland Limited
Consumer Information Centre
Newwestford, Forthford Industrial Park
Dublin 22
Phone: 353-1-7640292

IRAN
ElectroZoom
No. Market Street
15336 Tehran
Phone: 98 21 655645

YISRAEL / ISRAEL
Elleta Ltd.
P.O. Box 4155
Rishon Le Zion
Phone: 972 3 9330695

ITALIA / ITALY
Philips Consumer Electronics Servizio Consumatori
Via G. Casati, 23
20052 Monza – Milano
Telephone: 199 118899

QAZAQSTAN REPUBLIKASI
KAZAKHSTAN
Classic Service l.o.a.
90 Satpayev Street
40006 Almaty
Phone: +7 3 272 464 483

한국 / KOREA
Philips Korea Ltd.
Philips House
C.P.O. Box 3680
260-199, Itaewon-Dong
Seoul 114-102
Phone: (02) 5961195/1196
(02) 5967632/7325

AL KUWAIT / KUWAIT
Yulaf Alghanim & Sons
P.C. Box 223
13003 Safat
Phone: 965 484 29883465

BOSNIA & HERCEGOVINA / BOSNIA & HERZEGOVINA
TV Laboratorij
Halico br. 16
Sarajevo Bih 71000
Phone: +387 33 3365 33
CONSUMER INFORMATION CENTRES

LUBNAN / LEBANON
Philips Electrical Ind. of Pakistan
F-54, S.I.T.E, PO Box 7101
75/50 Karachi
Phone: (021) 2560071-82

PAKISTAN
Philips Service Consumer Centre
168 F, Aminabad road
Rawalpindi, Cantt
Phone: (051)-580992-3

PARAGUAY
Philips del Paraguay S.A.
Avda. Artigas 1519
Casilla de Correos 620
Asuncion
Phone: (021)-21-1666

PERU
Philips Peru S.A.
Customer Desk
Comandante Espinar 719
Casilla 1841
Lima, 18
Phone: 51-1-2136243

PHILIPPINES / PHILIPPINES
Philips Electronics and Lighting Inc.
106 Valero St., Salcedo Village
Makati, Metro Manila
Phone: (82) 8103-61

POLAND
Philips Polska Sp. z o.o.
Al. Jerozolimskie 195 B
02-222 WARSAW
Phone: 022 571 05 77
Fax: 022 571 00 12

PORTUGAL
Philips Portugal, S.A.
Rua Dr. António Loureiro Bde, nr 5
Arquiparque, Miraflores
P-2795 L. ISLA-
Teléfono: 351-21-4130363

QATAR
Almarai & Partners
PO Box 49
Doha
Phone: 974 4422221

RUSSIA
Информационный Центр Филипс.
Tel/факс: (095) 961-11-11
(бесплатный междугородный звонок)

SAUDI ARABIA
United Yasuf M. Naghi Est. Ltd.
PO. Box 704
Jeddah
Phone: 966 2 629 2929

SINGAPORE
Philips Singapore Private Ltd.
Consumer Service Dept.
Lorong 1 Toa Payoh, PO. Box 340
Singapore 1231
Phone: 3502000

SLOVENSKÁ REPUBLIKA / SLOVAK REPUBLIC
Philips Slovakia, a.s.
Sklidbelyho 1
382 27 Bratislava
Phone: +421 2 502 65 101

SLOVENIJA / SLOVENIA
Philips Slovenija, d.o.o.
Kneza strijada 94
1000 Ljubljana
Teléfono: 01 280 95 22

SOUTH AFRICA
South African Philips
S/V Div. 195 Main Rd.
Martindale, Johannesburg
P.O. Box 5828
Newville 2114
Phone: 27 11 471 6212

SPAIN
Philips Ibérica, S.A.
C/ Martinez Villena, 49
28027 MADRID
Teléfono: 902-11 33 84

SRI LANKA
Rayburn's Consumer Products Ltd.
53A, Ward Place
Colombo 7
Phone: 011 475 736657

SWEEDEN
Philips AB
Kundtjänst, Sound and Vision
164 85 Stockholm
Tel: 08-598 522 50

SWITZERLAND
Philips Info Center
Foggenstrasse 5
8957 Prentrich
Tel: 0844 800 344

TAJIKISTAN
Philips Ilomoni.
Vezhik, 600, 741000
Tajikistan
Phone: (+999) 372 214 994

TUNISIA / TUNISIE
Philips Tunisia
196 Route 1, Choum el Bou.jpg
Phone: (71) 710 77 88

TURKEY / TURQUIE
Philips Turkey AS.
Yukarı Darulut Organize Sanayi Bölgesi
2. Cadde No:22
81260 Ummanlıvf/ıstanbul
Phone: 0850 261 33 02

UKRAINE
Philips Ukraine
2A, Klovne St.
252103 Kyiv
Phone: +380 44 242 392

UNITED KINGDOM
Philips CE, The Philips Centre.
420 - 430 London Road, Croydon.
Surrey
CR9 5QR
Phone: 0800 900 9070

UNITED STATES/UNITED STATES
Philips US
PO Box 95098
Dallas, TX
Phone: 1 800 938 9070

URUGUAY
Uniphilos del Uruguay S.A.
Avenida Uruguay 1287
Customer Help Desk
1100 Montevideo
Phone: (02) 913392

VENEZUELA
Philips Electronics of Venezuela S.A.
Apartado Postal 1167
Caracas 1010-A
Phone: 02-3737575