EN **User manual**

PHILIPS

Contents

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 or 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 cabinets 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 mats 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. **Objects 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 - alignment 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.

EXAMPLE OF ANTENNA GROUNDING AS PER NATIONAL ELECTRICAL CODE (NEC)

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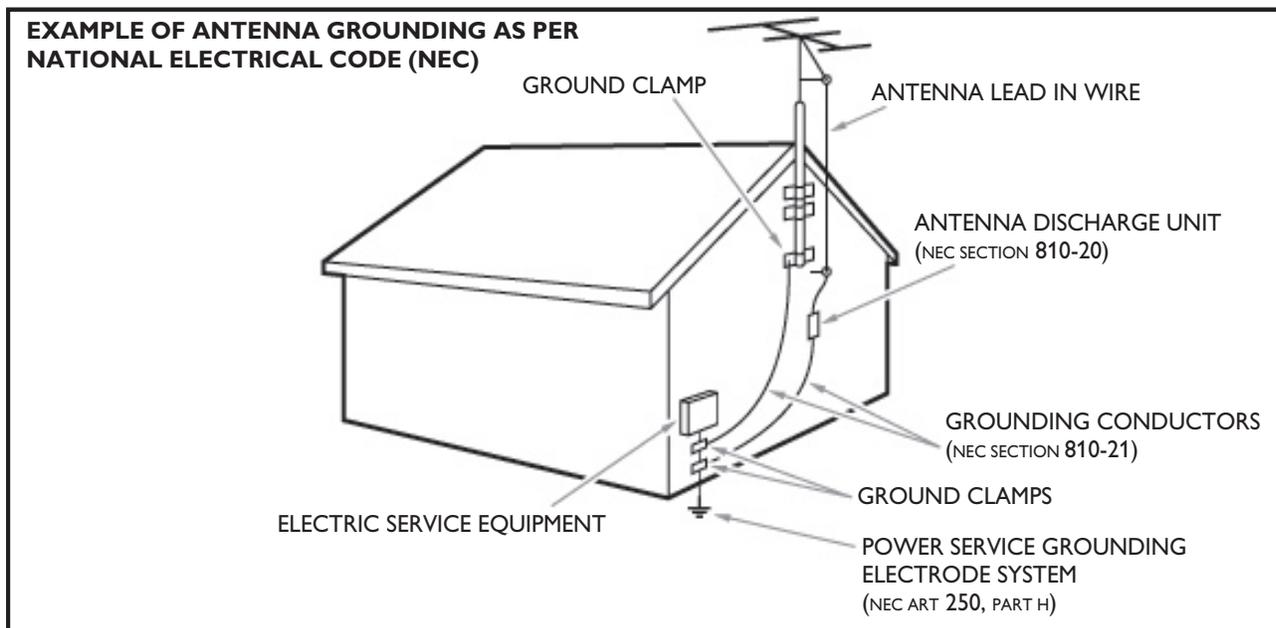
Note to the CATV system installer: this reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close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

1 Notice

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners. Philips reserves the right to change products at any time without being obliged to adjust earlier supplies accordingly.

The material in this manual is believed adequate for the intended use of the system. If the product, or its individual modules or procedures, are used for purposes other than those specified herein, confirmation of their validity and suitability must be obtained. Philips warrants that the material itself does not infringe any United States patents. No further warranty is expressed or implied.

Philips cannot be held responsible neither for any errors in the content of this document nor for any problems as a result of the content in this document. Errors reported to Philips will be adapted and published on the Philips support website as soon as possible.

Pixel characteristics

LCD products contain a high number of pixels and it is normal and customary to have a limited number of bright or dark pixels. This is a structural property of the display (within common industry standards and specifications) and is not a malfunction.

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 Centres 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 authorised in this manual shall void the warranty.

Federal Communications Commission Notice

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or television technician for help.

Modifications

The FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by <CompanyName_Long> may void the user's authority to operate the equipment.

Cables

Connections to this device must be made with shielded cables with metallic RFI/EMI connector hoods to maintain compliance with FCC Rules and Regulations.

Canadian notice

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Copyright

All other registered and unregistered trademarks are the property of their respective owners.

CLASS 1 WARNING

WARNING

THIS TELEVISION IS CONSIDERED TO BE A DEVICE WITH CLASS 1 CONSTRUCTION, AND IT MUST BE CONNECTED TO A MAINS SOCKET WITH A PROTECTIVE EARTHING CONNECTION.

Manufactured under license from Dolby Laboratories. 'Dolby' and the double D symbol ▯▯ are trademarks of Dolby Laboratories.

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Pro: Idiom® is a registered trademark of Zenith Electronics LLC.

® Kensington and Micro Saver are registered US trademarks of ACCO World corporation with issued registrations and pending applications in other countries throughout the world.

Portions of this software are copyright © The FreeType Project (www.freetype.org).

OSS declaration

Open source software

This television contains open source software. Philips BU Hospitality hereby offers to deliver or make available, upon request, for a charge no more than the cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code on a medium customarily used for software interchange.

To obtain the source code, write to:

Philips Singapore Pte Ltd.
Philips BU Hospitality
Software Development Manager
620A Lorong 1, Toa Payoh
Singapore 319762

This offer is valid for three years after the date of purchase of this product.

2 Important

Registering your model with Philips makes you eligible for all of the valuable benefits listed below, so don't miss out.

Complete and return your Product Registration Card at once, or register online at www.philips.com/welcome to ensure:

- Proof of Purchase

  Returning the enclosed card guarantees that your date of purchase is on file, so no additional paperwork is required from you to obtain warranty service.

- Product Safety Notification

  By registering your product you receive notification - directly from the manufacturer - in the rare case of a product recall or safety defect.

- Additional Benefits of Product Ownership

Product information

This TV consumes minimal energy in standby mode to minimize environmental impact. The active power consumption is given on the type plate at the back of the TV. The model and serial number of your TV can be found on the TV as well as on the packaging.

Safety

- Risk of electric shock or fire!
- Never expose the TV to rain or water. Never place liquid containers, such as vases, near the TV. If liquids are spilt on or into the TV, disconnect the TV from the power outlet immediately. Contact Philips Consumer Care to have the TV checked before use.
- Never place the TV, remote control or batteries near naked flames or other heat sources, including direct sunlight.

  To prevent the spread of fire, keep candles or other flames away from the TV, remote control and batteries at all times.

- Never insert objects into the ventilation slots or other openings on the TV.
- When the TV is swiveled ensure that no strain is exerted on the power cord. Strain on the power cord can loosen connections and cause arcing.
- Risk of short circuit or fire!
- Never expose the remote control or batteries to rain, water or excessive heat.
- Avoid force coming onto power plugs. Loose power plugs can cause arcing or fire.
- Risk of injury or damage to the TV!
- Two people are required to lift and carry a TV that weighs more than 55 lbs.
- When stand mounting the TV, use only the supplied stand. Secure the stand to the TV tightly. Place the TV on a flat, level surface that can support the combined weight of the TV and the stand.
- When wall mounting the TV, use only a wall mount that can support the weight of the TV. Secure the wall mount to a wall that can support the combined weight of the TV and wall mount. Koninklijke Philips Electronics N.V. bears no responsibility for improper wall mounting that results in accident, injury or damage.

- Risk of injury to children! Follow these precautions to prevent the TV from toppling over and causing injury to children:
- Never place the TV on a surface covered by a cloth or other material that can be pulled away.
- Ensure that no part of the TV hangs over the edge of the surface.
- Never place the TV on tall furniture (such as a bookcase) without anchoring both the furniture and TV to the wall or a suitable support.
- Educate children about the dangers of climbing on furniture to reach the TV.
- Risk of overheating! Never install the TV in a confined space. Always leave a space of at least 4 inches or 10 cm around the TV for ventilation. Ensure curtains or other objects never cover the ventilation slots on the TV.
- Risk of damage to the TV! Before you connect the TV to the power outlet, ensure that the power voltage matches the value printed on the back of the TV. Never connect the TV to the power outlet if the voltage is different.
- Risk of injury, fire or power cord damage! Never place the TV or any objects on the power cord.
- To easily disconnect the TV power cord from the power outlet, ensure that you have full access to the power cord at all times.
- When you disconnect the power cord, always pull the plug, never the cable.
- Disconnect the TV from the power outlet and antenna before lightning storms. During lightning storms, never touch any part of the TV, power cord or antenna cable.
- Risk of hearing damage! Avoid using earphones or headphones at high volumes or for prolonged periods of time.
- If the TV is transported in temperatures below 5°C, unpack the TV and wait until the TV temperature matches room temperature before connecting the TV to the power outlet.

Screen care and sterilization

Avoid stationary images as much as possible. Stationary images are images that remain on-screen for extended periods of time. Examples include: on-screen menus, black bars and time displays. If you must use stationary images, reduce screen contrast and brightness to avoid screen damage. Unplug the TV before cleaning.

- Use a damp (not wet) cloth with only non-aggressive cleaners to wipe the TV. Use another damp (not wet) cloth to clean off the cleaning agent residue from the surface of the TV. Recommended cleaning agents include:
- Bleach solution (10:90 concentration of bleach to water).
- Denatured alcohol (comprising of 80%-90% ethanol, 10%-20% methanol)

Risk of damage to the TV screen! Never touch, push, rub or strike the screen with any object.

To avoid deformations and color fading, wipe off water drops as soon as possible.

Environmental care

The packaging of this product is intended to be recycled. Contact your local authorities for information about how to recycle the packaging.

End of life directives

This set contains a lamp with mercury; please dispose of according to all local, state and federal laws.

Philips pays a lot of attention to produce environment-friendly products in green focal areas. Your new TV contains materials which can be recycled and reused. At the end of its life, specialized companies can dismantle the discarded TV to concentrate the reusable materials and to minimize the amount of materials to be disposed of. Please ensure you dispose of your old TV according to local regulations.

Disposal of used batteries

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

3   Your TV

Congratulations on your purchase, and welcome to Philips!

Side controls and indicators
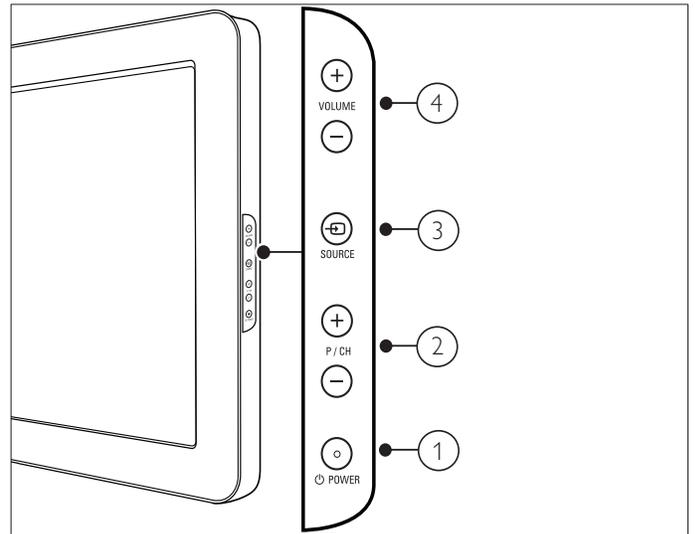
(1) ⏻ **POWER**: Switches the product on or off. The product is not powered off completely unless it is physically unplugged.

(2) **P/CH +/-** : Switches to the next or previous channel.

(3) ⊡ **SOURCE**: Selects connected devices.

(4) **VOLUME +/-** : Increases or decreases volume.

These televisions are shipped in accordance with Energy Star settings and as such the side buttons will not function in the default settings. To enable these buttons refer to section on LOW POWER STANDBY (see 'Configure the SmartFeatures' on page 17).

The guest remote control (optional)
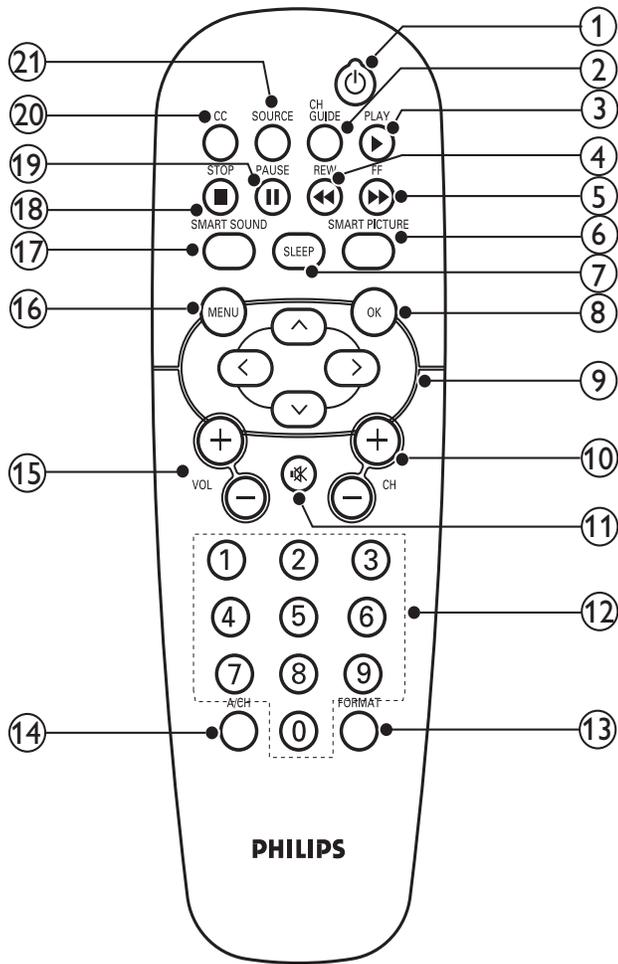
Selects a channel or setting.

m **FORMAT**
Selects a picture format.

n **A/CH**
Toggles between the current channel and the last viewed channel.

o **VOL +/-**
Increases or decreases volume.

p **MENU**
Toggles the main menu on or off.

q **SMART SOUND**
Launches the sound menu.

r **■(STOP)***
Stops playback.

s **‖(PAUSE)***
Pauses play.

t **CC**
Displays closed captions settings.

u **SOURCE**
Selects connected devices.

* This remote control is a unified DVD remote control, not a universal remote control, and as such these buttons are for use with Philips DVD players only,

a ⏻ **(Standby-On)**
Switches the product on or off. The product is not powered off completely unless it is physically unplugged.

b **CH GUIDE**
Accesses SmartGuide (see 'Configure the control options' on page 16), and/or list of channels.

c ▶ **PLAY***
Starts or resumes play.

d ◀◀**REW***
Searches backward.

e ▶▶**FF***
Searches forward.

f **SMART PICTURE**
Launches the picture menu.

g **SLEEP**
Sets a delay after which the TV switches to standby.

h **OK**
Confirms an entry or selection.

i **Navigation buttons**
Navigates menus.

j **CH +/-**
Switches to the next or previous channel.

k ⊠
Mutes or restores volume.

l **0-9 (Numeric buttons)**

The Philips Hospitality setup remote control (not included in box)

PHILIPS
TV
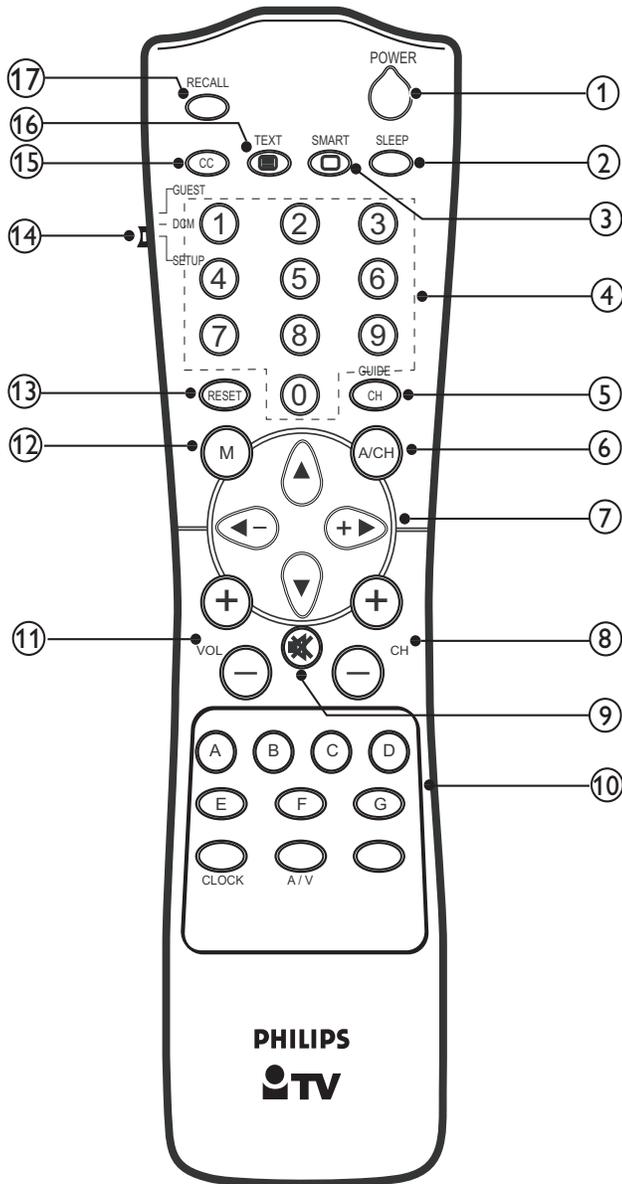
(8) **CH +/-**
Switches to the next or previous channel.

(9) ◁×
Mutes or restores volume.

(10) **Miscellaneous buttons (Only E and A/V buttons are used.)**
E confirms an entry or selection.
A/V displays the source list.

(11) **VOL +/-**
Increases or decreases volume.

(12) **M**
Accesses the Philips Hospitality setup menu.

(13) **RESET**
Not used.

(14) **GUEST/ DCM/ SETUP**
GUEST - Functions as a guest remote control.
DCM - Not used.
SETUP - Allows access to the Philips Hospitality setup menu.

(15) **CC**
Selects tasks or options.

(16) ▤ **TEXT**
Toggles teletext on or off.

(17) **RECALL**
Accesses the Customer Service Menu (CSM).

(1) ⏻ **(Standby-On)**
Switches the product on or off. The product is not powered off completely unless it is physically unplugged.

(2) **SLEEP**
Sets a delay after which the TV switches to standby.

(3) ▭ **SMART**
Launches the picture menu.

(4) **0-9 (Numeric buttons)**
Selects a channel or setting.

(5) **CH GUIDE**
Displays the list of channels.

(6) **A/CH**
Toggles between the current channel and the last viewed channel.

(7) **Navigation buttons**
Navigates menus.

4 SmartInstall Software

Philips TV can be completely configure quickly and easily using Philips SmartInstall software, available free of charge from your sales representative or from our website www.philips.com/hospitality. We recommend recommend this method for the quickest setup.

5 TV setup: access setup menu
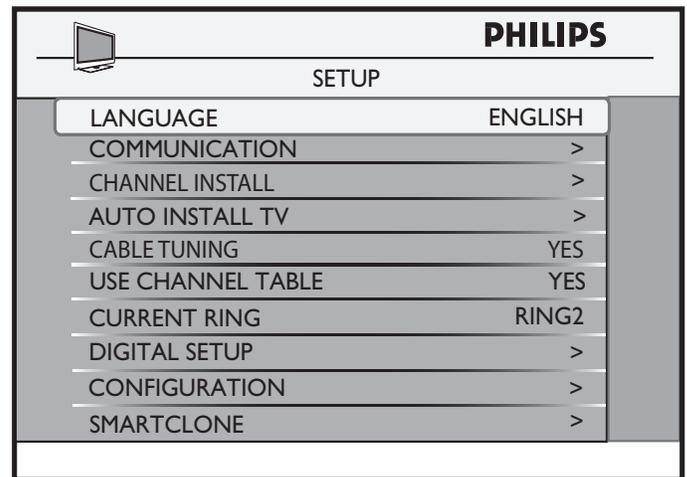
Press **M** on a Philips setup remote control with the slider set to **SETUP** or enter 3-1-9-7-5-3 followed by ✘ **MUTE** (all within 10 seconds) on the guest remote control.

When the security level is **HIGH**, you must use the Philips setup remote control to access the Philips Hospitality setup menu (see 'Select the security level' on page 16).

To navigate through the Philips Hospitality setup menu,

1 Press ▲▼ on the remote control to select a menu.
2 Press ▶ to configure or modify the settings of the selected function.
3 Press **M** on the Philips setup remote control or **MENU** on the guest remote control to return to the previous menu.

Access the Philips Hospitality setup menu with guest remote control
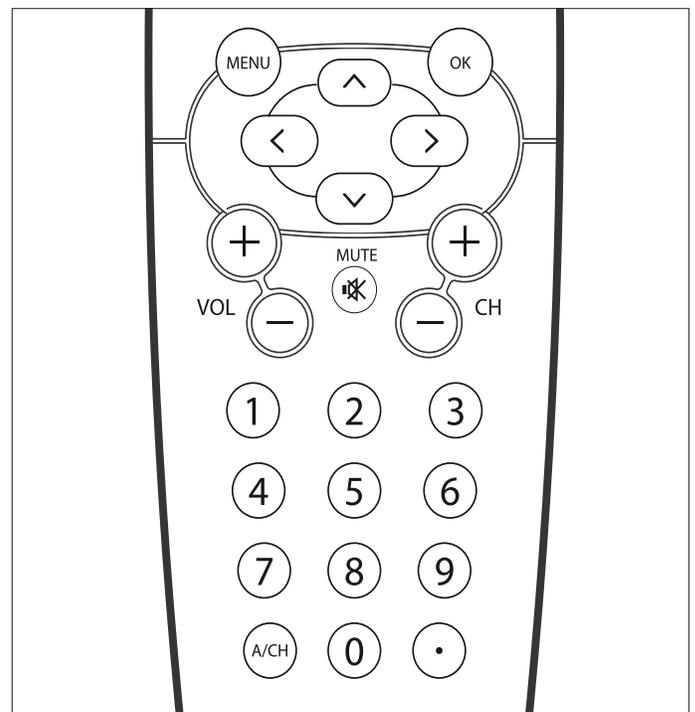
1 Switch on the TV and select a TV channel.
2 Press 3-1-9-7-5-3 followed by ✘**Mute** within 10 seconds.
   » The Philips Hospitality setup menu is displayed.

Access the Philips Hospitality setup menu with Philips setup remote control
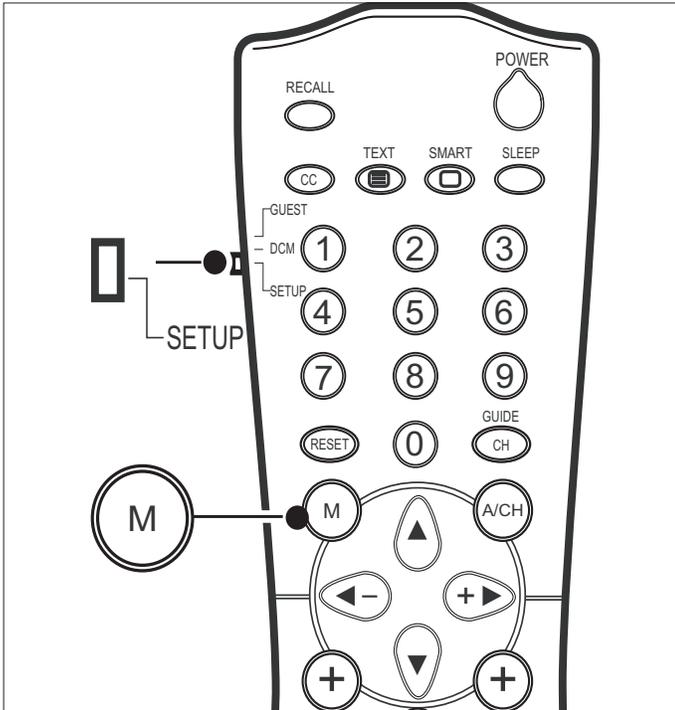
1 Switch on the TV and select a TV channel.
2 Set the switch at the side of the remote control to **SETUP**.
3 Press **M** to display the Philips Hospitality setup menu.
  ↳ The Philips Hospitality setup menu is displayed.

6 Select a language

1 Enter the Philips Hospitality setup menu.
2 Press ◄► to select a language.
  ↳ The setup and guest menus will now be displayed in the selected language.

📰 Note

- You can choose English, Español or Français as your preferred language.

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7 Select mode of communication

1 Enter the Philips Hospitality setup menu.

2 Press ▼ to select **COMMUNICATION**.

3 Press ▲▼◄► to select one of the following options :
- **COMMUNICATION**: To select the communication protocol between the TV and the external device connected to the TV.
- **STORE**: To store the settings that are modified using the **COMMUNICATION** menu.
- **PENDANT**: To enable or disable the healthcare pendant control. This is available only when you select **COMMUNICATION > OFF**.

Select the communication protocol

1 Enter the Philips Hospitality setup menu.
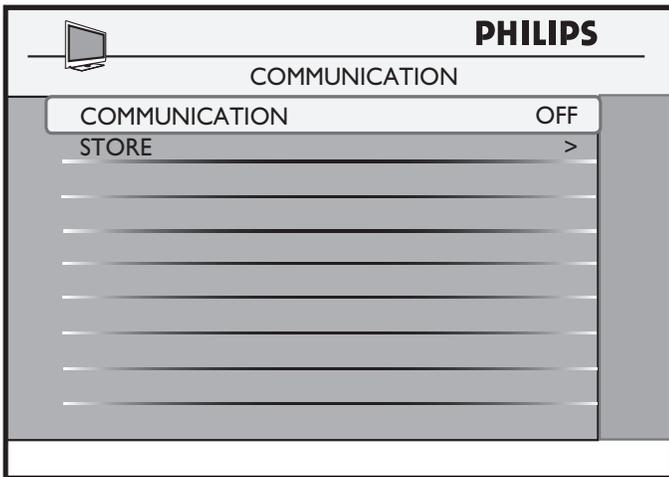
2 Press ▼ to select **COMMUNICATION > COMMUNICATION**.

PHILIPS	
COMMUNICATION	
COMMUNICATION	OFF
STORE	>

3 Press ▲▼◄► to select the communication protocol between the TV and the set-top box :
- **SP-SPI**: Most commonly used connection.
- **SP-I2C**: When the set-top box supports this protocol. When **SP-SPI** or **SP-I2C** are selected, there are sub menu items for **DCM TYPE** and **CP**.
- **SERIAL XPRESS**: When the set-top box supports this protocol. When **SERIAL XPRESS** is selected, the speed must be set.
- **MULTI RC**: To use Multi RC. See next section.
- **SMART RC**: To access PayTV channels using Smoovie remote control.
- **OFF**: To turn off the communication between the TV and the set-top box.

4 Press ▲▼◄► to select **Store.**

▤ Note

- For **SP-SPI** and **SP-I2C** connections, if the set-top box requires a source switch, select **DCM TYPE > GENERIC**.

Use Multi RC

Multi RC enables control of multiple TVs in a room without any interference from each other's remote control.

To enable Multi RC, each remote control is set to one of the four colors - blue, green, yellow or red. Each TV in the room is separately programmed to a remote control of one of those colors.

In this way, each TV responds to only one RC that is set to the same color as the TV itself. This prevents interference from each other's remote control when you watch multiple TVs in a room.

▤ Note

- Multi RC supports a maximum of four TVs in one room and requires the use of special remote controls. For more details, contact your local Philips hospitality representative.

Set the TV to a particular RC

1 Press ▲▼◄► to select **COMMUNICATION > MULTI RC**.

2 Press ▼ to select **REMOTE COLOR**.

3 Press ► to toggle through the four colors and select one.

4 Press ▲▼◄► to select **STORE.**
- ↪ The TV is configured to respond to the RC that is set to the same color.

5 Press **MENU** and the color button (same color as above) on the guest RC simultaneously.
- ↪ The guest RC is set to the selected color.

6 Press **OK** for five seconds while pointing to the TV.
- ↪ The TV displays the RC color and the TV color on the screen. If they do not match, program the TV and the RC again.

8   Automatically install channels

1 Enter the Philips Hospitality setup menu.
2 Press ▲▼ to select **CABLE TUNING**.
3 Press ► to select one of the following:
   •   **YES**: To receive TV signals from a cable.
   •   **NO**: To receive TV signals from an antenna.
4 Press ▲▼◄► to select **AUTO INSTALL TV** > **START**.
5 Press ► to start the automatic installation of channels.
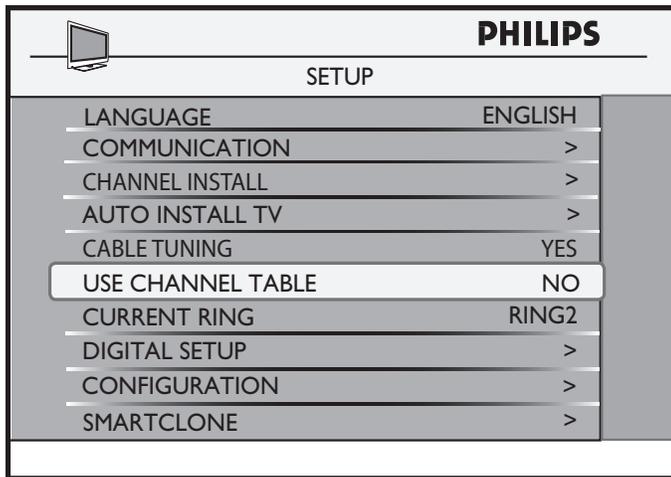**6** Press any key on the remote control to stop the automatic installation of channels.

> **Note**
>
> • This option is available only when you select **CHANNEL INSTALL** > **CHANNEL** > **INPUT** > **TUNER**.

Select a virtual or physical channel

It is always recommended physical channels by setting **USE CHANNEL TABLE** to **NO**.
1 Enter the Philips Hospitality setup menu.
2 Press ▲▼ to select **USE CHANNEL TABLE**.

PHILIPS	
SETUP	
LANGUAGE	ENGLISH
COMMUNICATION	>
CHANNEL INSTALL	>
AUTO INSTALL TV	>
CABLE TUNING	YES
USE CHANNEL TABLE	NO
CURRENT RING	RING2
DIGITAL SETUP	>
CONFIGURATION	>
SMARTCLONE	>

> **Note**
>
> • This option is available only when you select **CHANNEL INSTALL** > **CHANNEL** > **INPUT** > **TUNER**.

Select a channel ring

Channels are organized in rings in Philips commercial televisions. To make the channels visible to the guest, they must be assigned to the same ring that the television is set to display as the current ring.
1 Enter the Philips Hospitality setup menu.
2 Press ▲▼ to select **CURRENT RING**.
3 Press ► to select a list of channels to watch.

> **Note**
>
> • If you select **COMMUNICATION** > **SMART RC**, **RING4** is not available (see 'Select the communication protocol' on page 10).

9   Configure the channels

What the guest or the user actually access are program numbers. The TV has program numbers 1 - 250 available. Any channel, or external input, analog or digital can be mapped to any program number, giving the hotel complete flexibility of channel mapping. For example, local channels could be mapped to programs 1 - 9; News channels could be mapped to the teens, Sports channels to the 20s etc.

Select the mode for signal reception

1 Enter the Philips Hospitality setup menu.
2 Press ▲▼ to select **CABLE TUNING**.
3 Press ► to select one of the following:
   •   **YES**: To receive TV signals from a cable.
   •   **NO**: To receive TV signals from an antenna.

> **Note**
>
> • This option is available only when you select **CHANNEL INSTALL** > **CHANNEL** > **INPUT** > **TUNER**.

This section explains how to assign program numbers to be the same as the program numbers that the guest can assess on the remote control.
1 Enter the Philips Hospitality setup menu.
2 Press ▼ to select **CHANNEL INSTALL**.
3 Press ► to configure the channel settings.

PHILIPS	
CHANNEL INSTALL	
CHANNEL	TV 2
INPUT	TUNER
CHANNEL LOGO	>
DIGITAL	NO
RF CHANNEL NUMBER	2
RINGS	>
LABEL	( ) >
MUTE	NONE
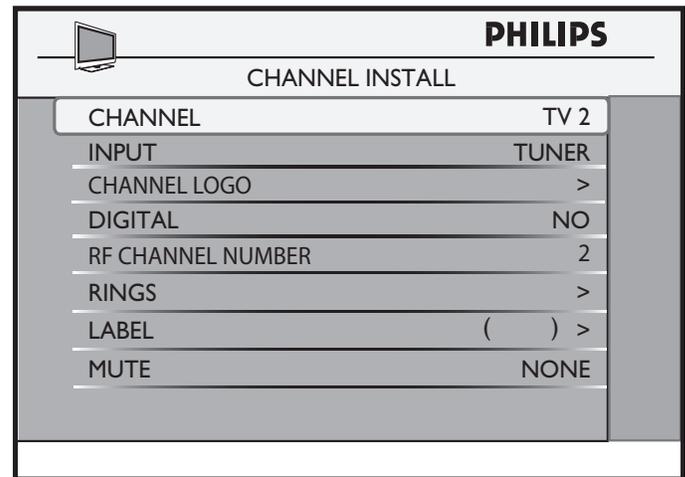
4 Press **M** on the Philips setup remote control or **MENU** on the guest remote control to return to the main menu.

Select a program

1 Enter the Philips Hospitality setup menu.
2 Press ▲▼◄► to select **CHANNEL INSTALL** > **CHANNEL**.
3 Press **0-9** (**Numeric buttons**) to enter a program number.
   •   For cable mode, select a number between 01 - 250.
   •   For antenna mode, select a number between 02 - 250.

> **Note**
>
> • To select a three digit program number, configure the TV using the control options.

Select a source of input

1 Enter the Philips Hospitality setup menu.
2 Press ▲▼◄► to select **CHANNEL INSTALL** > **INPUT**.
3 Press ► to select a source of input.

> **Note**
>
> • External inputs can also be assigned to a program number.

Select a logo for a channel

1 Enter the Philips Hospitality setup menu.
2 Press ▲▼◄► to select **CHANNEL INSTALL** > **CHANNEL LOGO**.
3 Press ► to enter a page containing logos.
4 Press ▲▼ to select a logo for the channel.
5 Press "0" to save the logo and exit the menu.

Map to a digital channel

1 Enter the Philips Hospitality setup menu.
2 Press ▲▼◄► to select **CHANNEL INSTALL** > **DIGITAL**.
3 Press ► to select **YES**.

PHILIPS	
CHANNEL INSTALL	
CHANNEL	TV 2
INPUT	TUNER
CHANNEL LOGO	>
DIGITAL	YES
DIGITAL CH SCROLL	>
RF CHANNEL NUMBER	80
MPEG PROGRAM NUMBER	2
RINGS	>
LABEL	( ) >
MUTE	NONE

4 Press ▼ to select **DIGITAL CH SCROLL**.
   ↳ Digital channel scroll works only for digital channels that have already been installed ie by Automatic channel install - see section 8.
5 Press ◄► to toggle between the available digital channels.

> **Note**
>
> • Select **CHANNEL INSTALL** > **DIGITAL > NO**, if the channel is an analog channel.
> • **DIGITAL CH SCROLL, DIGITAL MAJOR CH**, and **DIGITAL MINOR CH** do not apply to analog channels.
> • When you select **USE CHANNEL TABLE > NO** to use physical channel numbers instead of virtual channel numbers, **DIGITAL MAJOR CH** is replaced by **RF CHANNEL NUMBER** and **DIGITAL MINOR CH** is replaced by **MPEG PROGRAM NUMBER** on your TV screen.

PHILIPS	
CHANNEL INSTALL	
CHANNEL	TV 2
INPUT	TUNER
CHANNEL LOGO	>
DIGITAL	YES
DIGITAL CH SCROLL	>
RF CHANNEL NUMBER	2
MPEG PROGRAM NUMBER	8
RINGS	>
LABEL	( ) >
MUTE	NONE

Assign digital major and minor channels

1 Enter the Philips Hospitality setup menu.
2 Press ▲▼◄► to select **CHANNEL INSTALL** > **DIGITAL** > **YES**.
3 Press ▼ to select **DIGITAL MAJOR CHANNEL/ RF CHANNEL NUMBER**.
4 Press **0-9** (**Numeric buttons**) to enter a channel number between 1 and 999.
5 Press ▼ to select **DIGITAL MINOR CHANNEL/ MPEG PROGRAM NUMBER**.
6 Press **0-9** (**Numeric buttons**) to enter a channel number between 0 and 32768.

Select a preferred list of channels

1 Enter the Philips Hospitality setup menu.
2 Press ▲▼◄► to select **CHANNEL INSTALL** > **RINGS**.
3 Press ◄► to select a ring number.
   ↳ A flashing red dash appears next to the selected ring.

PHILIPS	
CHANNEL INSTALL	
CHANNEL	TV 2
INPUT	TUNER
CHANNEL LOGO	>
DIGITAL	YES
DIGITAL CH SCROLL	>
RF CHANNEL NUMBER	2
MPEG PROGRAM NUMBER	8
RINGS	>
LABEL	( ) >
MUTE	NONE

4 Press ▲▼ to select or deselect a list.
   ↳ The selected list is marked by an "X".

PHILIPS

RINGS

CHANNEL RINGS	(1X)(2)(3)(4)
HIGH DEFINITION	YES
SPORTS	NO
NEWS	YES
KIDS	YES
MOVIES	YES
NETWORK	YES
EDUCATION	YES
LIFESTYLE	YES
HOSPITAL	NO

5 Press ▲▼ to save or remove a channel from the ring.
  ↳ The ring is marked by an 'X' when the channel is saved in it.

6 Press ▲▼ to select a category option (**HIGH DEFINITION**, **SPORTS**, **NEWS**, etc) to save the channel.

7 Press ◀▶ to select **YES** to save the channel to this category or **NO** to remove the channel.

Name a channel

1 Enter the Philips Hospitality setup menu.
2 Press ▲▼◀▶ to select **CHANNEL INSTALL** > **LABEL**.
3 Press ◀▶ to select a slot to enter a character.
  ↳ A flashing red mark underlines the selected slot.
4 Press ▲▼ to select a character.

PHILIPS

CHANNEL INSTALL

CHANNEL	TV 2
INPUT	TUNER
CHANNEL LOGO	>
DIGITAL	YES
DIGITAL CH SCROLL	>
DIGITAL MAJOR CH	2
DIGITAL MINOR CH	8
RINGS	>
LABEL	(CNN_ _ _ _ _) >
MUTE	NONE

5 Repeat steps 3 and 4 until you finish naming the channel.

Mute a channel

1 Enter the Philips Hospitality setup menu.
2 Press ▲▼◀▶ to select **CHANNEL INSTALL** > **MUTE**.
3 Press ◀▶ to select one of the following:
  • **AUDIO**: To mute the audio in the channel.
  • **VIDEO:** To mute the video in the channel.
  • **NONE:** To enable audio and video in the channel.

10 View signal strength or configure content ratings, closed caption and emergency alerts

1 Enter the Philips Hospitality setup menu.
2 Press ▲▼ to select **DIGITAL SETUP**.
  ↳ Digital setup menu is displayed on your screen. You can configure the content ratings, closed caption and emergency alert settings. **SIGNAL STRENGTH** displays the signal strength of the selected channel in percentage.

PHILIPS

DIGITAL SETUP

CHANNEL SETUP	>
DIGITAL CC SETUP	>
EMERGENCY ALERT	ALWAYS
SIGNAL STRENGTH	63%

Note

• Philips recommends a signal strength of 80% or higher. If you see a value below this level you may experience signal dropout issues, pixelization, picture freeze etc. To address low signal strength, you should contact your installer.
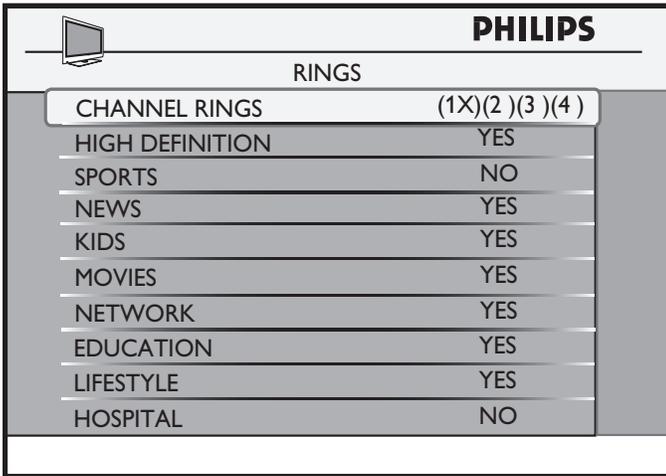
Setup digital channels

1 Enter the Philips Hospitality setup menu.
2 Press ▲▼◀▶ to select **DIGITAL SETUP** > **CHANNEL SETUP**. Select one of the following options:
  • **V-CHIP DIGITAL RATING**: To enable or disable the content ratings for movies, TV programs and data as per the VCHIP standard. For more information, visit www.fcc.gov/vchip.
  • **CLEAR ALL RATINGS**: To clear all the ratings.
  • **US MOVIE RATING**: To enable or disable the movie ratings.
  • **US TV RATING**: To enable or disable the TV ratings.
  • **D. RATING**: To configure the downloadable (RRT-5) rating.
  • **FACTORY CH RESET**: To clear the digital channel map.

Note

• If you select **FACTORY CH RESET,** you need to re-install the channels.
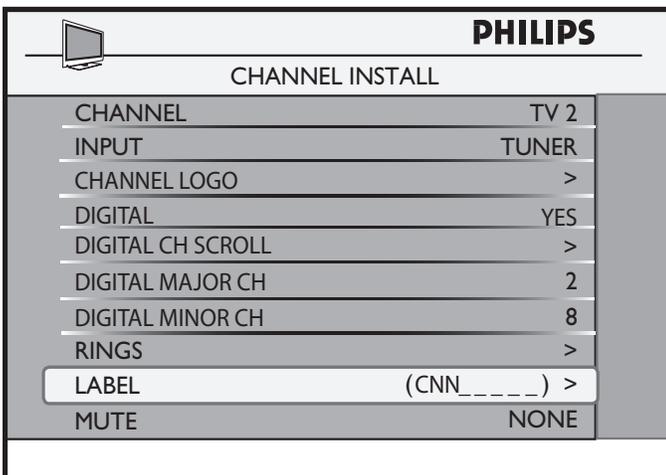
Configure closed caption text

1 Enter the Philips Hospitality setup menu.
2 Press ▲▼◀▶ to select **DIGITAL SETUP** > **DIGITAL CC SETUP** > **CAPTION TEXT**.
3 Press ▲▼◀▶ to select and configure options such as **CAPTION SIZE**, **CAPTION STYLE**, **TEXT COLOR**, **BG COLOR**, etc.
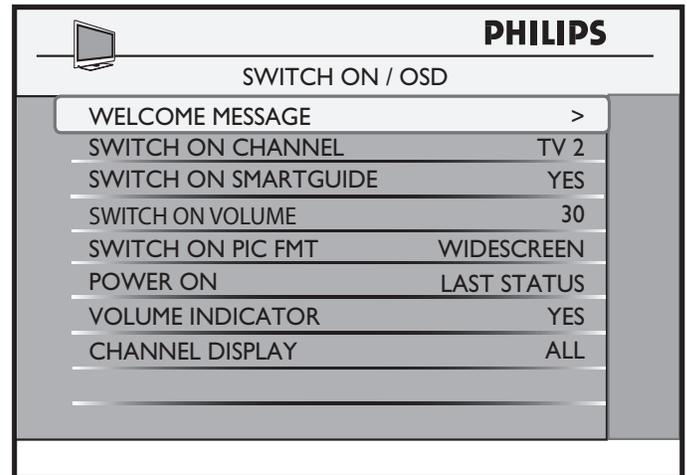
Enable or disable emergency alert

1 Enter the Philips Hospitality setup menu.
2 Press ▲▼◄► to select **DIGITAL SETUP** > **EMERGENCY ALERT**.
3 Press ► to select one of the following options:
- **ALWAYS**: To enable emergency alerts at all times.
- **SKIP LOW PRIORITY**: To skip the emergency alerts of low priority.
- **SKIP MEDIUM LOW PRIORITY**: To skip the emergency alerts of medium and low priorities.

Note

- Emergency alerts of high priority cannot be disabled for safety reasons.

11 Configure the switch-on settings

1 Enter the Philips Hospitality setup menu.
2 Press ▲▼ to select **CONFIGURATION** > **SWITCH ON / OSD**.

PHILIPS	
SWITCH ON / OSD	
WELCOME MESSAGE	>
SWITCH ON CHANNEL	TV 2
SWITCH ON SMARTGUIDE	YES
SWITCH ON VOLUME	30
SWITCH ON PIC FMT	WIDESCREEN
POWER ON	LAST STATUS
VOLUME INDICATOR	YES
CHANNEL DISPLAY	ALL

3 Press ► to select one of the available options:
- **WELCOME MESSAGE**: To set or clear a welcome message.
- **SWITCH ON CHANNEL**: To select a channel that is displayed when the TV is turned on. **SWITCH ON CHANNEL** must be installed and in the active channel ring. Otherwise **Locked** will be displayed.
- **SWITCH ON SMARTGUIDE**: When set to **Yes** the Smart guide will be displayed whenever the TV is powered on.
- **SWITCH ON VOLUME**: To set the volume that is used each time the TV is turned on.
- **SWITCH ON PIC FMT**: To configure the picture format that is used for display when the TV is turned on.
- **POWER ON**: To configure the power condition that will be restored after an AC power interruption.
- **VOLUME INDICATOR**: To enable or disable the display of volume indicator.
- **CHANNEL DISPLAY**: To enable or disable the display of channel number and channel name on the screen.

Set the welcome message

1 Enter the Philips Hospitality setup menu.
2 Press ▲▼ to select **CONFIGURATION** > **SWITCH ON / OSD** > **WELCOME MESSAGE**.
3 Press ▲▼◄► to select one of the following options:
- **DISPLAY**: Select **YES** to display the welcome message. Select **NO** to prevent the display of the welcome message.
- **LINE 1**: To enter the first line of welcome message. Press ◄► to select a character slot and ▲▼ to select an alphanumeric character.
- **LINE 2**: To enter the second line of welcome message. Press ◄► to select a character slot and ▲▼ to select an alphanumeric character.
- **CLEAR**: To clear the welcome message.

Note

- You can have a maximum of 20 alphanumeric characters in each line of your welcome message.

Preset the picture format

1 Enter the Philips Hospitality setup menu.

2 Press ▲▼ to select **CONFIGURATION > SWITCH ON / OSD > SWITCH ON PIC FMT**.

3 Press ► to select one of the available picture formats:
  » The selected picture format is used to display pictures when the TV is turned on.

Select the switch-on channel

1 Enter the Philips Hospitality setup menu.

2 Press ▲▼ to select **CONFIGURATION > SWITCH ON / OSD > SWITCH ON CHANNEL**.

3 Press ► to display the selected channel when the TV is turned on.

Select the switch-on volume

1 Enter the Philips Hospitality setup menu.

2 Press ▲▼ to select **CONFIGURATION > SWITCH ON / OSD > SWITCH ON VOLUME**.

3 Press ► to set a volume that is used each time the TV is turned on.

Enable or disable the volume indicator

1 Enter the Philips Hospitality setup menu.

2 Press ▲▼ to select **CONFIGURATION > SWITCH ON / OSD > VOLUME INDICATOR**.

3 Press ► to select one of the following:
  • **YES**: To display the volume indicator.
  • **NO**: To hide the volume indicator.

Select channel display

1 Enter the Philips Hospitality setup menu.

2 Press ▲▼ to select **CONFIGURATION > SWITCH ON / OSD > CHANNEL DISPLAY**.

3 Press ► to select one of the following:
  • **NUMBER**: To display the channel number on the screen.
  • **LABEL**: To display the channel name on the screen.
  • **ALL**: To display channel number, name and logo on the screen.
  • **NONE**: To prevent the display of channel information.

Select the switch-on power mode

1 Enter the Philips Hospitality setup menu.

2 Press ▲▼ to select **CONFIGURATION > SWITCH ON / OSD > POWER ON**.

3 Press ► to select the power mode that will be restored after an AC power interruption.
  • **LAST STATUS**: When AC power is restored, this will return the TV to the same power status that it was in when AC power was removed.
  • **ON**: When AC power is restored, the TV will always come up in the "on" state. The ⏻ button on the TV and the guest remote control are enabled.
  • **STANDBY**: When AC power is restored, the TV will always come up in the "Standby" state.
  • **FORCED ON**: When AC power is restored, the TV will always come up in the "on" state. The ⏻ button on the TV and the guest remote control are disabled (The TV cannot be turned off.)
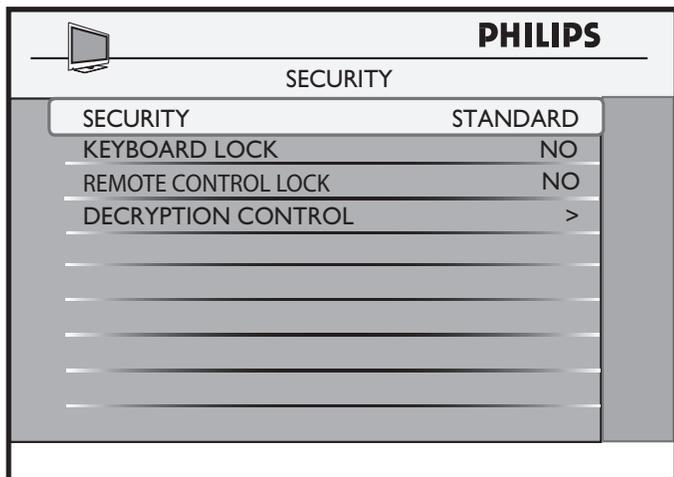
Configure the picture and sound settings

1 Enter the Philips Hospitality setup menu.

2 Press ▲▼ to select **CONFIGURATION > PICTURE / SOUND**.

PHILIPS	
PICTURE / SOUND	
BRIGHTNESS	45
COLOR	38
CONTRAST	70
SHARPNESS	50
TINT	36
ACTIVE CONTROL	YES
TREBLE	52
BASS	55
BALANCE	0
AVL	ON

3 Press ▲▼◄► to select one of the following options:
  • **BRIGHTNESS**: To adjust the black level of the image.
  • **COLOR**: To adjust the color.
  • **CONTRAST**: To adjust the peak bright areas of the image.
  • **SHARPNESS**: To adjust the image sharpness.
  • **TINT**: To adjust the color balance in an image.
  • **ACTIVE CONTROL**: Select **ON** to fine-tune the received signals according to the lighting conditions of the room.
  • **TREBLE**: To adjust the treble level.
  • **BASS**: To adjust the bass level.
  • **BALANCE**: To adjust the balance of the speakers.
  • **AVL**: Select **ON** to reduce the fluctuations in volume when the commercials are aired or when you switch channels. Otherwise, select **OFF**.

12 Configure the security settings

1 Enter the Philips Hospitality setup menu.
2 Press ▲▼ to select **CONFIGURATION > SECURITY**.

		PHILIPS
	SECURITY	
SECURITY		STANDARD
KEYBOARD LOCK		NO
REMOTE CONTROL LOCK		NO
DECRYPTION CONTROL		>

3 Press ▲▼◄► to select one of the following:
- **SECURITY**: To specify the security level.
- **KEYBOARD LOCK**: To enable or disable local TV controls.
- **REMOTE CONTROL LOCK**: To enable or disable the guest remote control keys.
- **DECRYPTION CONTROL**: To convert the TV from Pay-Per-View mode to standalone protected mode.

Select the security level

1 Enter the Philips Hospitality setup menu.
2 Press ▲▼ to select **CONFIGURATION > SECURITY > SECURITY**.
3 Press ► to select one of the following settings:
- **STANDARD**: To access the Philips Hospitality setup menu using the guest remote control or the Philips Hospitality setup remote control.
- **HIGH**: To access the Philips Hospitality setup menu using the Philips Hospitality remote control only.

Enable or disable the TV controls

1 Enter the Philips Hospitality setup menu.
2 Press ▲▼ to select **CONFIGURATION > SECURITY > KEYBOARD LOCK**.
3 Press ► to select one of the following settings:
- **ALL**:To lock all control keys on the TV including the ⏻ key.
- **YES**: To lock all control keys on the TV excluding the ⏻ key.
- **NO**: To unlock all control keys on the TV.
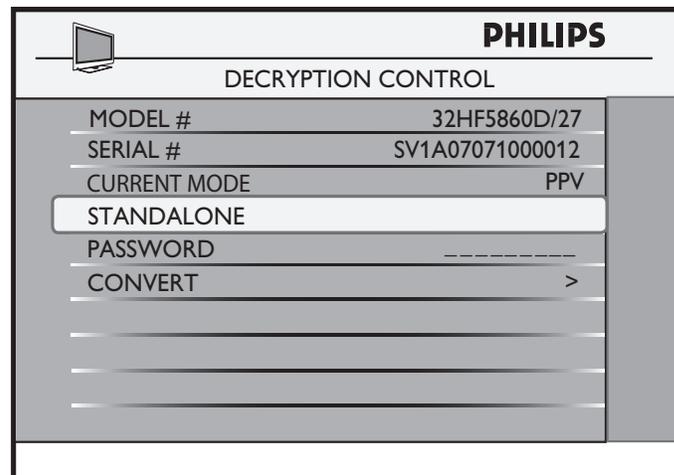
Enable or disable the remote control

1 Enter the Philips Hospitality setup menu.
2 Press ▲▼ to select **CONFIGURATION > SECURITY > REMOTE CONTROL LOCK**.
3 Press ► to select one of the following settings:
- **NO**: To enable all standard remote control functions.
- **YES**: To disable all standard remote control functions.

Enable standalone mode (Decryption control)

The premium HD content received by a satellite or cable is encrypted, using a digital rights management system (DRM) called Pro:Idiom®, to avoid piracy. The technology is embedded in the TV and prevents guests from pirating the content.
To decrypt the content, follow the following steps:
1 Enter the Philips Hospitality setup menu.
2 Press ▲▼ to select **CONFIGURATION > SECURITY > DECRYPTION CONTROL**.

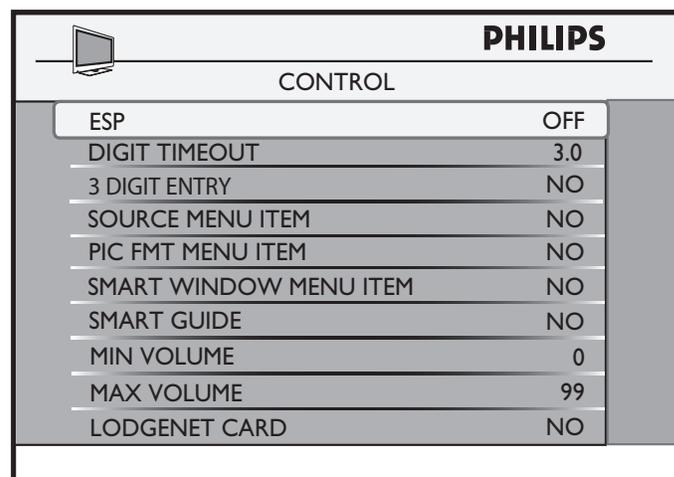|		
		PHILIPS
	DECRYPTION CONTROL	
MODEL #		32HF5860D/27
SERIAL #		SV1A07071000012
CURRENT MODE		PPV
STANDALONE		
PASSWORD		_ _ _ _ _ _ _ _ _
CONVERT		>

3 Press ▲▼◄► to select one of the following settings:
- **PASSWORD**: To enter the password.
- **CONVERT**: To decrypt the encrypted digital signal received from a satellite or Pay-Per-View service.

> **Note**
>
> - If the password is entered incorrectly n times, the convert line will show "LOCKED". This can be cleared by unplugging and replugging the AC power to the TV.
> - The other options in **DECRYPTION CONTROL** menu are displayed only for your information and cannot be modified.
> - For detailed instructions on decryption control, refer to the Pro:Idiom® certificate.

Configure the control options

1 Enter the Philips Hospitality setup menu.
2 Press ▲▼ to select **CONFIGURATION > CONTROL**.

	PHILIPS
CONTROL	
ESP	OFF
DIGIT TIMEOUT	3.0
3 DIGIT ENTRY	NO
SOURCE MENU ITEM	NO
PIC FMT MENU ITEM	NO
SMART WINDOW MENU ITEM	NO
SMART GUIDE	NO
MIN VOLUME	0
MAX VOLUME	99
LODGENET CARD	NO

3 Press ▲▼◀▶ to select one of the following options:

- **ESP (Energy saving programmability)**: Set a time from 1 - 99 hours to enable ESP. If the TV does not receive any command for this time period, it enters the standby mode to save energy. Select **OFF** to disable ESP.

- **DIGIT TIMEOUT**: Set a time between 1 - 9.9 seconds. When you press a key on your RC, the TV will wait for the specified time before assuming that you are finished entering digits, and switching to the entered channel. The default time is three seconds. If you want to key in two-digit or three-digit channel numbers, do not select the time to be too short.

- **3 DIGIT ENTRY**: Select **YES** to enable the selection of three digit channel number (channel numbers 1 - 250 for cable mode and 2-250 for antenna mode). Select **NO** to enable the selection of only two-digit channel numbers (channel numbers 1 - 99 for cable mode and 2-99 for antenna mode).

- **SOURCE MENU ITEM**: Select **YES** to allow the guest to select a source from the guest menu using the guest RC. Otherwise, select **NO**.

- **PIC FMT MENU ITEM**: Select **YES** to allow the guest to select a picture format from the guest menu using using the guest RC. Otherwise, select **NO**.

- **SMART WINDOW MENU ITEM**: Select **YES** to allow the guests to watch inputs from a PC and an RF channel simultaneously, on a split screen. Otherwise, select **NO**.

- **SMART GUIDE**: Select **YES** to display the on-screen channel guide. The channel guide is not used with Pay-Per-View systems and should be set to **NO**.

- **MIN VOLUME**: Set the minimum volume.

- **MAX VOLUME**: Set the maximum volume.

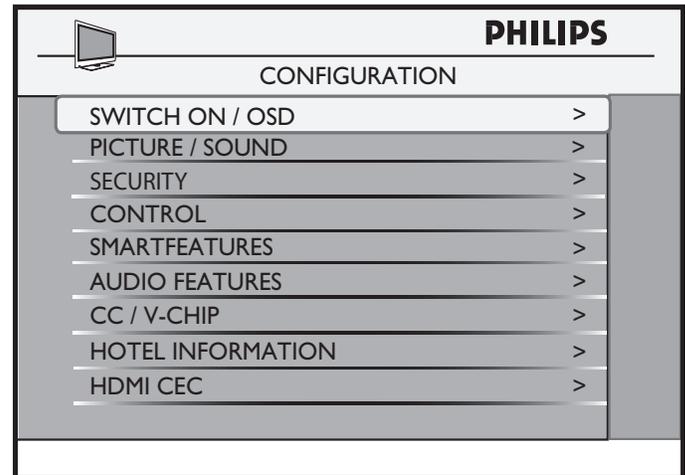- **LODGENET CARD**: Select **YES** to allow the use of Lodgenet.

📄 **Note**

- The **SMART GUIDE** will show only those programs that have been assigned to one (or more) categories.
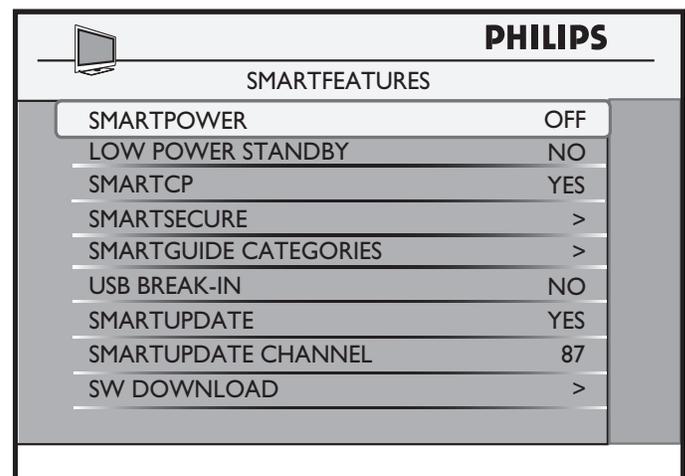
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13 Configure different settings

1 Enter the Philips Hospitality setup menu.

2 Press ▲▼ to select **CONFIGURATION**.

PHILIPS	
CONFIGURATION	
SWITCH ON / OSD	>
PICTURE / SOUND	>
SECURITY	>
CONTROL	>
SMARTFEATURES	>
AUDIO FEATURES	>
CC / V-CHIP	>
HOTEL INFORMATION	>
HDMI CEC	>

3 Press ▲▼◀▶ to select one of the available options to configure the settings:

- **SWITCH ON / OSD**: To configure settings such as volume, channel, picture format, power mode, etc that are used as default when the TV is switched on.

- **PICTURE / SOUND**: To configure picture and sound settings such as brightness, color, sharpness, tint, bass, balance, AVL, etc.

- **SECURITY**: To set the level of security. To enable keyboard and RC lock, Pro: Idiom decryption and SmartSecure.

- **CONTROL**: To configure settings for channels, minimum and maximum volume, ESP, etc.

- **SMARTFEATURES**: To configure the SmartPower, USB break-in, SmartGuide Category, SmartUpdate, and software download settings.

- **AUDIO FEATURES**: To configure the correct audio source.

- **CC/ V-CHIP**: To configure closed caption and V-Chip settings.

- **HOTEL INFORMATION**: To configure the hotel information including hotel name and room number (required information when SmartSecure is enabled).

Configure the SmartFeatures

1 Enter the Philips Hospitality setup menu.

2 Press ▲▼ to select **CONFIGURATION > SMARTFEATURES**.

| PHILIPS	
SMARTFEATURES	
SMARTPOWER	OFF
LOW POWER STANDBY	NO
SMARTCP	YES
SMARTSECURE	>
SMARTGUIDE CATEGORIES	>
USB BREAK-IN	NO
SMARTUPDATE	YES
SMARTUPDATE CHANNEL	87
SW DOWNLOAD	>

3 Press ▲▼◄► to select one of the following options:
- **SMARTPOWER**: To enable or disable the power saving mode. Select **HIGH** for maximum power savings.
- **LOW POWER STANDBY**: To use minimum power when the TV is in standby mode.
- **SMARTCP**: Select **YES** to enable the autosensing feature to switch to source where a video signal is plugged to a side I/O. Select **NO** to disable the autosensing feature and to you have to select the video source manually.
- **SMARTSECURE**: See details in the note below.
- **SMARTGUIDE CATEGORIES**: To determine which function is called on the first press of the **CH guide** button and which categories will be available.
- **USB BREAK-IN**: Select **YES** to enable the automatic switchover to the USB root menu when a USB device is plugged in. USB Break-in allows guests to view .jpg images or listen to .mp3 music files. Select **NO** to disable automatic switchover.
- **SMARTUPDATE**: Select **YES** to update information on a channel. An option **SMARTUPDATE CHANNEL** will appear below on the screen to enable you to select a channel to update.
- **SW DOWNLOAD**: To enable software download and cloning through a USB device or an RF channel. Available only in certain models. Select **USB** or **RF** as the source of software download. Philips US-PSG-1000 device supports streaming of software downloads and SmartClone update files.

≡ Note

- If **LOW POWER STANDBY** is set to **YES**,
- the TV can only be switched on with a remote control. Please ensure the remote control is always available. The control buttons at the side of the TV will not be able to switch on the TV.
- If **LOW POWER STANDBY** is set to **YES**, the TV will be configured to the optimal energy saving mode whenever the TV is switched to standby mode. As a result, the TV will take a little longer to switch on again. If you need a fast switch on time, select **NO**.
- **SMARTSECURE** is a feature in the new range of commercial TVs from Philips. This feature requires a Philips Smart Gateway (PSG) as part of the installed system. The PSG must be configured to broadcast a security key. Then, when **SMARTSECURE** is enabled in the TV, the TV will not operate from a "cold start" unless it first "sees" this security key being broadcast.

Download software from an RF channel

1 Enter the Philips Hospitality setup menu.
2 Press ▲▼◄► to select **CONFIGURATION > SMARTFEATURES > SW DOWNLOAD**.

PHILIPS

SW DOWNLOAD

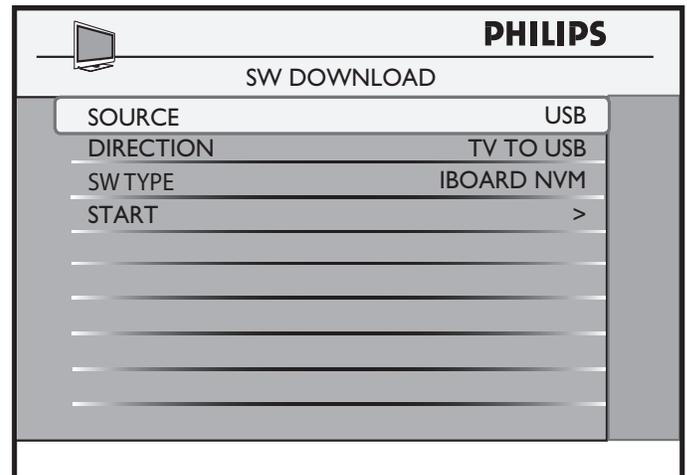|	
SOURCE	RF
DIRECTION	RF TO TV
CABLE TUNING	YES
RF CHANNEL	87
RF TO TV	>
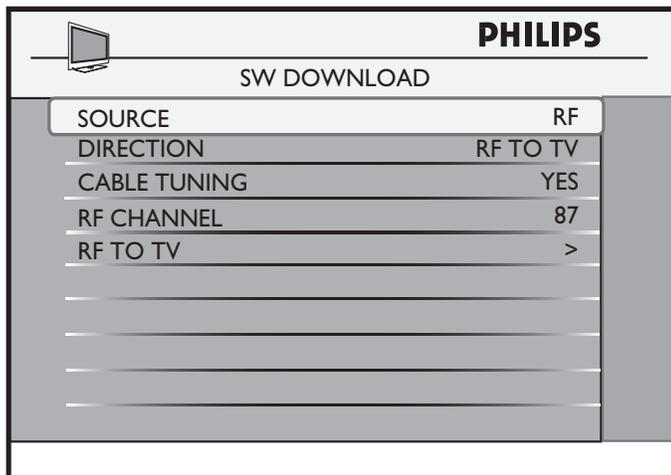
3 Press ▲▼◄► to select one of the following options:
- **SOURCE**: Select **RF** as the source for software download.
- **DIRECTION**: Select **DOWNLOAD** to download the software from the RF channel.
- **CABLE TUNING**: Select **YES** to use channels 1 - 135 for software update. Select **NO** to use channels 2 - 69 for software update. You must select cable tuning as **YES** for use with PSG.
- **RF CHANNEL NUMBER**: Select the RF channel number for software update.
- **SW TYPE**: Select one of the following types of software for download:
  - **SSB NVM**: To download SSB NVM software.
  - **SSB FIRMWARE**: To download the main TV software. **STANDBY FIRMWARE**: To download the main TV startup data.
  - **IBOARD NVM**: To download the TV settings.
  - **IBOARD FIRMWARE**: To update iboard software.
  - **ALL**: To download all the software upgrades.
- **SW VERSION CHECK**: Select **YES** to check the software version for download. This will download a newer version.
- **START**: To start the software download.
- » The TV will restart automatically upon the completion of software download. There will be multiple download and restart cycles when download **ALL** is selected.

≡ Note

- Software download from an RF source is available in only certain models.
- The **STANDBY FIRMWARE** is rarely updated and is not included when **SW TYPE > ALL** is selected. To update the **STANDBY FIRMWARE**, the **SW TYPE > STANDBY FIRMWARE** must be uniquely selected.

Download software from a USB device

1 Enter the Philips Hospitality setup menu.
2 Press ▲▼◄► to select **CONFIGURATION > SMARTFEATURES > SW DOWNLOAD**.

PHILIPS

SW DOWNLOAD

|	
SOURCE	USB
DIRECTION	TV TO USB
SW TYPE	IBOARD NVM
START	>

3 Press ▲▼◄► to select one of the following options:
- **SOURCE**: Select **USB** as the source for software download or upload.
- **DIRECTION**: Select **USB TO TV** to download the software from the USB device. Select **TV TO USB** to upload the software to the USB device.
- **SW TYPE**: Select one of the following to upload or download a particular type of software.
  - **SSB NVM**: To download SSB NVM software.
  - **SSB FIRMWARE**: To download the main TV software.

- **STANDBY FIRMWARE**: To download the TV startup data from the USB device. Only used in software download.
- **IBOARD NVM**: To download the TV settings from the USB device.
- **IBOARD FIRMWARE**: To update iboard software from the USB device. Only used in software download.
- **ALL**: To download all the software upgrades from the USB device.
- **START**: To start the software download.
  - » The TV will restart automatically upon the completion of software download. There will be multiple downloads and restart cycles when download **ALL** is selected.
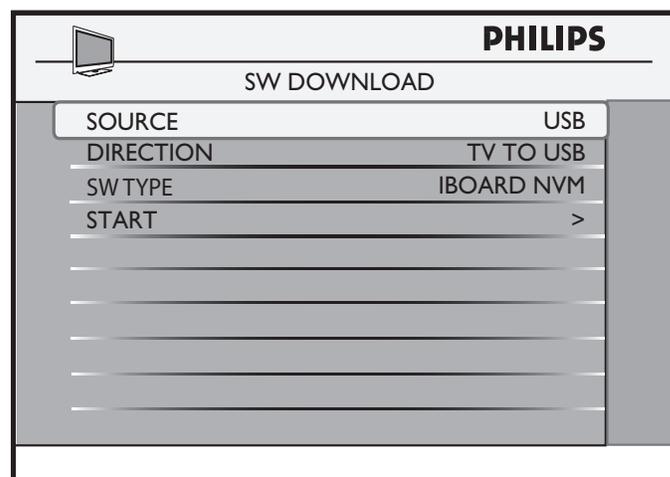

Note

- "Firmwares" cannot be copied from the TV to USB. (only NVMs may be copied from the TV.)
- The **STANDBY FIRMWARE** is rarely updated and is not included when **SW TYPE > ALL** is selected. To update the **STANDBY FIRMWARE**, the **SW TYPE > STANDBY FIRMWARE** must be uniquely selected.

Configure the V-chip and closed caption settings

1 Enter the Philips Hospitality setup menu.

2 Press ▲▼ to select **CONFIGURATION > CC/ V-CHIP**.

PHILIPS	
CC / V-CHIP	
SAVE CC	YES
CC	ON
DIGITAL CC MODE	CS1
ANALOG CC MODE	CC1
V-CHIP MENU ITEM	NO
SAVED V-CHIP	NO
V-CHIP SETUP	>

3 Press ▲▼◄► to select one of the following options:

- **SAVE CC**: Select **YES** to use the last used CC mode. Select **NO** to use the CC mode defined in the next option.
- **CC**: Select a CC mode that is used when the TV is turned on. If you select **CONFIGURATION > CC/ V-CHIP > CC > ON,** the following options appear:
- **DIGITAL CC MODE**: Allows you to select your digital CC options. Select an option from **CS1** to **CS6.** If this option is not available for the current digital channel, the TV will switch to **ANALOG CC MODE**.
- **ANALOG CC MODE**: Allows you to set your analog CC options. Select an option from **CC1** to **CC4** and **TXT1** to **TXT4**.
- **V-CHIP MENU ITEM**: Select **YES** to allow the guest to change the V-CHIP settings. Otherwise, select **NO**.
- **SAVED V-CHIP**: Select **YES** to save all the V-chip settings. Otherwise, select **NO**.
- **V-CHIP SETUP**: Select one of the available options to change the V-CHIP settings:
- **CLEAR ALL RATINGS**: To clear all the ratings.
- **US MOVIE RATING**: To enable or disable the movie ratings.
- **US TV RATING**: To enable or disable the TV ratings.
- **D. RATING**: To configure the downloadable (RRT-5) rating.

14 Clone data (TV Setup Data)

1 Enter the Philips Hospitality setup menu.

2 Press ▲▼ to select **SMARTCLONE > SOURCE**.

3 Press ► to select one of the following options:

- **USB**: To download clone data (TV setup data) from a USB device to a TV or a TV to a USB device.
- **RF**: To download clone data (TV setup data) from an RF channel to a TV.

PHILIPS	
SMARTCLONE	
SOURCE	RF
CABLE TUNING	YES
RF CHANNEL NUMBER	87
RF TO TV	>
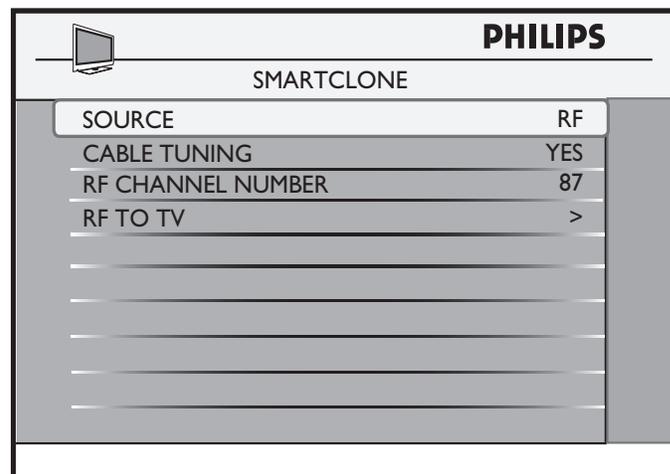
Download clone data from a USB device

1 Enter the Philips Hospitality setup menu.

2 Press ▲▼ to select smartclone **SOURCE**.

3 Press ► to select **USB**.

PHILIPS	
SW DOWNLOAD	
SOURCE	USB
DIRECTION	TV TO USB
SW TYPE	IBOARD NVM
START	>

4 Press ▲▼◄► to select one of the following options:

- **USB TO TV**: To download clone data (TV setup data) from a USB device to TV.
- **TV TO USB**: To upload clone data (TV setup data) from a TV to a USB device.
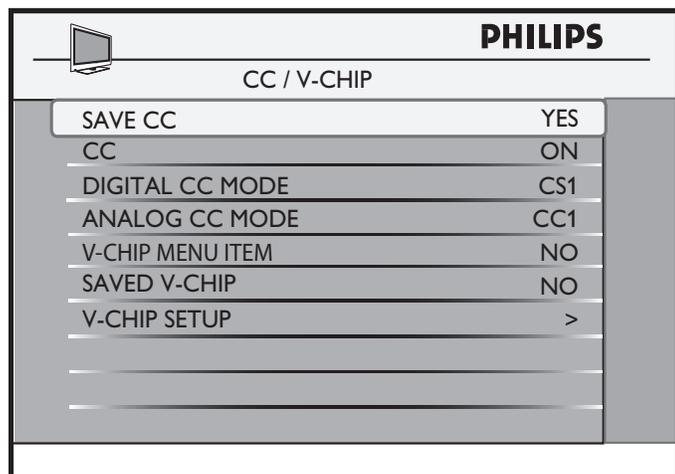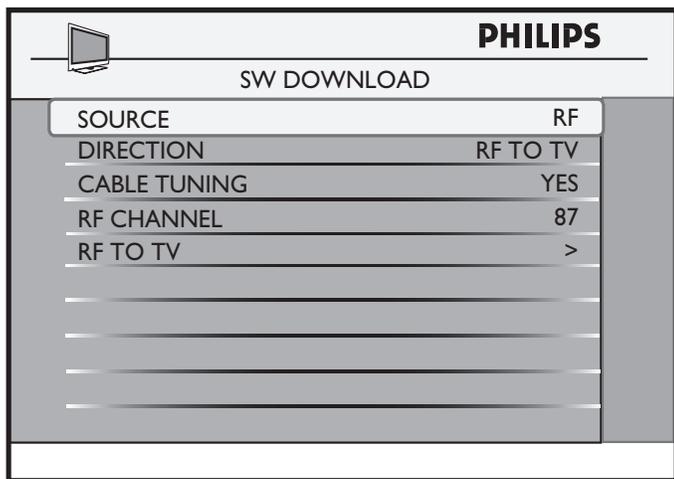
Download clone data from an RF channel

1 Enter the Philips Hospitality setup menu.

2 Press ▲▼ to select smartclone **SOURCE**.

3 Press ► to select **RF**.

PHILIPS

SW DOWNLOAD

SOURCE	RF
DIRECTION	RF TO TV
CABLE TUNING	YES
RF CHANNEL	87
RF TO TV	>

4 Press ▲▼◄► to select one of the following options:

- **SOURCE**: Select **RF** as the source for software download.
- **DIRECTION**: Select **RF TO TV** to download the software from the RF channel.
- **CABLE TUNING**: Select **YES** (PSG always uses cable tuning).
- **RF CHANNEL**: Set to the same channel as PSG (87 is the default for both). Select another channel if channel 87 is already occupied.
- **RF TO TV**: Press ► to start the download.

15 Connect devices

This section describes how to connect various devices with different connectors and supplements examples provided in the Quick Start.

📄 Note

- Different types of connectors may be used to connect a device to your TV, depending on availability and your needs. A comprehensive interactive guide to help you connect your product is available at www.connectivityguide.philips.com.

Back connectors
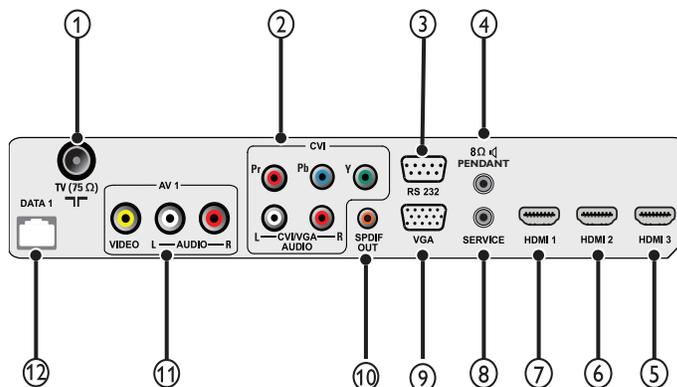
a **TV ANTENNA**
Signal input from an antenna, cable or satellite.

b **CVI (Y Pb Pr and AUDIO L/R)**
Analog audio and video input from analog or digital devices such as DVD players or game consoles.
Audio input from devices that require a separate audio connection, such as a computer.

c **RS 232**
Serial Xpress communication with external connected devices. You must select [COMMUNICATION] > [SERIAL XPRESS] to use this connector.

d **⁸ᴼ ◁PENDANT**
1/8 inch mini-jack connection to a bathroom speaker or a healthcare pendant control (also known as pillow speaker).

e **HDMI 3**
Digital audio and video input from high-definition digital devices such as Blu-ray players.

f **HDMI 2**
Digital audio and video input from high-definition digital devices such as Blu-ray players.

g **HDMI 1**
Digital audio and video input from high-definition digital devices such as Blu-ray players.

h **SERVICE**
For serial communication and use by service personnel.

i **VGA**
Video input from a computer.

j **SPDIF OUT**
Digital audio output to home theaters and other digital audio systems.

k **AV 1**
Analog audio and video input from analog or digital devices such as DVD players, satellite receivers and VCRs.

l **DATA 1 / SPI (SmartPort interface)**

Side connectors
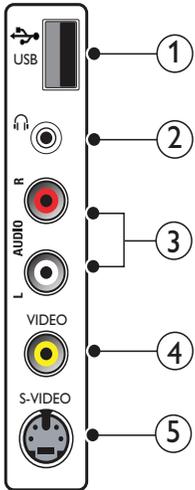
① **USB**

For software update, cloning and media player.

② 🎧

Stereo audio output to headphones or earphones.

③ **AUDIO L/R**

Audio input from analog devices connected to **VIDEO**.

④ **VIDEO**

Composite video input from analog devices such as VCRs.

⑤ **S-VIDEO**

S-Video (side) to be used with Audio L/R connectors for camcorder, game console, etc. When you use the S-Video (side) for video signals, do not use the Composite video (side) input for video signals.

16 Troubleshooting

This section describes commonly encountered issues and accompanying solutions.

TV power on/ off issues

The TV does not power on:
- Ensure that the TV is connected to the AC mains power outlet. If it does not power on, pull the plug out of the power outlet, wait for 60 seconds, plug it back and turn the TV on again.

The TV does not switch on:
- Check that the TV controls are not locked. Use Philips Hospitality setup remote control to access the Philips Hospitality setup menu and select **CONFIGURATION** > **SECURITY** > **KEYBOARDLOCK** > **NO** to unlock all TV control keys (see 'Enable or disable the TV controls' on page 16).
- Check that the remote control is not locked. Use Philips Hospitality setup remote control to access the Philips Hospitality setup menu and select **CONFIGURATION** > **SECURITY** > **REMOTE CONTROL** > **LOCK** > **YES** to enable the guest remote control (see 'Enable or disable the remote control' on page 16).

> 📑 **Note**
>
> If **LOW POWER STANDBY** is set to **YES**, the TV can only be switched on with a remote control. Please ensure the remote control is always available. The control buttons at the side of the TV will not be able to switch on the TV.

- Ensure that the TV is connected to the AC mains power outlet. If it does not power on, pull the plug out of the power outlet, wait for 60 seconds and turn on the TV again.

The TV turns off by itself:

- Check the ESP setting and increase the time if you want the TV to stay on for longer duration (see 'Configure the control options' on page 16).

The TV cannot be turned off:
- Check if the power mode has been set to **FORCED ON**. If it is, change selection to any other setting.

No access to Philips Hospitality setup menu

The Philips Hospitality setup mode cannot be accessed using the guest remote control:
- Check that the high-security mode has been turned off. Use the Philips Hospitality setup remote control to access the Philips Hospitality setup menu and select **CONFIGURATION** > **SECURITY** > **SECURITY** > **STANDARD** to allow the use of guest remote control (see 'Select the security level' on page 16).

The Philips Hospitality setup mode cannot be accessed using the Philips Hospitality setup remote control:
- Check that the switch at the side of the Philips Hospitality setup remote control is set to the **SETUP** position (see 'Access the Philips Hospitality setup menu with Philips setup remote control' on page 9).

Picture issues

The TV is on, but there is no picture:
- Check that the antenna or the cable is connected properly to the TV.
- Check that source device and communication protocols are selected correctly.
- Check that the channel(s) are installed and in the current ring.
- If the video is muted, select **CHANNEL INSTALL** > **MUTE** > **NONE** or **CHANNEL INSTALL** > **MUTE** > **AUDIO** to unmute the video (see 'Mute a channel' on page 12).

The TV is on, but picture quality is not good:
- Check the antenna, cable or set-top box connections to the TV and ensure that they are properly connected.
- Check that the picture settings are correct for your TV and the source device

17 Stand assembly

PHILIPS