

Register your product and get support at
www.philips.com/support

50PFL3708
39PFL3708
39PFL4408
32PFL3508
32PFL4208
29PFL4508
24PFL4508



EN User Manual

ES Manual del Usuario

EN For further assistance, call the customer support service in your country.

- To obtain assistance, contact Philips Customer Care Center;
Lima, Peru; 225 99 77 annex 21
Chile; 800 05630 203

ES Para obtener más información, llame al servicio de soporte al cliente de su país.

- Para obtener asistencia, póngase en contacto con CENTRO DE INFORMACION AL CLIENTE;
Lima, Perú; 225 99 77 anexo 21
Chile; 800 05630 203

PHILIPS

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Know these **safety** symbols



The caution marking is located on the rear or bottom of the cabinet.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the apparatus's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the apparatus.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

CAUTION: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

ATTENTION: Pour éviter les choc électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

PHILIPS

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CHILD SAFETY:

PROPER TELEVISION PLACEMENT MATTERS

THE CONSUMER ELECTRONICS INDUSTRY CARES

- Manufacturers, retailers and the rest of the consumer electronics industry are committed to making home entertainment safe and enjoyable.
- As you enjoy your television, please note that all televisions – new and old- must be supported on proper stands or installed according to the manufacturer's recommendations. Televisions that are inappropriately situated on dressers, bookcases, shelves, desks, speakers, chests, carts, etc., may fall over, resulting in injury.

TUNE IN TO SAFETY

- **ALWAYS** follow the manufacturer's recommendations for the safe installation of your television.
- **ALWAYS** read and follow all instructions for proper use of your television.
- **NEVER** allow children to climb on or play on the television or the furniture on which the television is placed.
- **NEVER** place the television on furniture that can easily be used as steps, such as a chest of drawers.
- **ALWAYS** install the television where it cannot be pushed, pulled over or knocked down.
- **ALWAYS** route cords and cables connected to the television so that they cannot be tripped over, pulled or grabbed.

WALL OR CEILING MOUNT YOUR TELEVISION

- **ALWAYS** contact your retailer about professional installation if you have any doubts about your ability to safely mount your television.
- **ALWAYS** use a mount that has been recommended by the television manufacturer and has a safety certification by an independent laboratory (such as UL, CSA, ETL).
- **ALWAYS** follow all instructions supplied by the television and mount manufacturers.
- **ALWAYS** make sure that the wall or ceiling where you are mounting the television is appropriate. Some mounts are not designed to be mounted to walls and ceilings with steel studs or cinder block construction. If you are unsure, contact a professional installer.
- Televisions can be heavy. A minimum of two people is required for a wall or ceiling mount installation.

MOVING AN OLDER TELEVISION TO A NEW PLACE IN YOUR HOME

- Many new television buyers move their older CRT televisions into a secondary room after the purchase of a flat-panel television. Special care should be made in the placement of older CRT televisions.
- **ALWAYS** place your older CRT television on furniture that is sturdy and appropriate for its size and weight.
- **NEVER** place your older CRT television on a dresser where children may be tempted to use the drawers to climb.
- **ALWAYS** make sure your older CRT television does not hang over the edge of your furniture.

CE.org/safety



Important Safety Instructions

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 dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's 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 a third grounding prong. The wide blade or the third prong are provided for your safety. If 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 the 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.

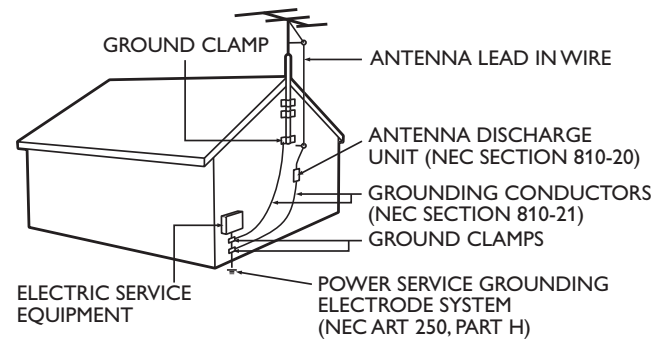


13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Note to the CATV system installer:

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

Example of Antenna Grounding as per NEC – National Electric Code



Wall Mount Bracket Kit

	Brand	Model #	Screw dimension
50PFL3708	PHILIPS	SQM6485	M6 x 1.614" (41mm) with spacer
39PFL3708/ 39PFL4408	PHILIPS	SQM6435/17	M6 x 1.614" (41mm) with spacer
32PFL3508 / 32PFL4208 / 29PFL4508	SANUS	SAN18B	M4 x 0.472" (12mm)
24PFL4508	SANUS	MST15	M4 x 0.472" (12mm)

- The recommended Wall Mount Bracket Kit (sold separately) allows the mounting of the TV on the wall.
- For detailed information on installing the wall mount, refer to the Wall Mount Instruction Book.
- P&F Mexicana is not responsible for any damage to the product or injury to yourself or others if you elect to install the TV Wall Mount Bracket or mount the TV onto the Bracket on your own.
- The Wall Mount Bracket must be installed by experts.

P&F Mexicana is not liable for these types of accidents or injury noted below.

- Install the Wall Mount Bracket on a sturdy vertical wall.
- If installed onto a ceiling or slanted wall, the TV and Wall Mount Bracket may fall which could result in a severe injury.
- Do not use screws that are longer or shorter than their specified length. If screws too long are used this may cause mechanical or electrical damage inside the TV set. If screws too short are used this may cause the TV set to fall.
- Do not fasten the screws by excessive force. This may damage the product or cause the product to fall, leading to an injury.
- For safety reasons use 2 people to mount the TV onto a Wall Mounting Bracket.
- Do not mount the TV onto the Wall Mounting Bracket while your TV is plugged in or Turned On. It may result in an electrical shock injury.

When installing the unit on the wall, allow this much space.

Top:	11.8 inches (30cm)
Left and right side:	5.9 inches (15cm)
Bottom:	3.9 inches (10cm)

1 Notice

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P&F Mexicana 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. P&F Mexicana warrants that the material itself does not infringe any United States patents. No further warranty is expressed or implied.

P&F Mexicana 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 P&F Mexicana will be adapted and published on the P&F Mexicana support website as soon as possible.

Pixel characteristics

This LCD product has a high number of color pixels. Although it has effective pixels of 99.999% or more, black dots or bright points of light (red, green or blue) may appear constantly on the screen. This is a structural property of the display (within common industry standards) and is not a malfunction.

Warranty

No components are user serviceable. Do not open or remove covers to the inside of the product. Repairs may only be done by Service Centers and official repair shops. Failure to do so shall void any warranty, stated or implied.

Any operation expressly prohibited in this manual, any adjustments or assembly procedures not recommended or authorized in this manual shall void the warranty.

Copyright

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



The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.



SRS is a trademark of SRS Labs, Inc. TruSurround XT technology is incorporated under license from SRS Labs, Inc. TruSurround XT® creates a truly immersive surround sound experience with rich bass and clear dialog from only two speakers.



LED backlighting technology uses less energy when compared with a standard CCFL backlighting LCD television of the same screen size. Actual energy savings will vary depending on the screen size.

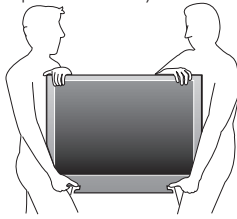
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The American Academy of Pediatrics discourages television viewing for children younger than two years of age.

2 Important

Positioning the TV

- Large screen TVs are heavy. 2 people are required to carry and handle a large screen TV.
- Make sure to hold the upper and bottom frames of the unit firmly as illustrated.
- Install the unit in a horizontal and stable position.
- Do not install the unit in direct sunlight or in a place subject to dust or strong vibration.
- Depending on the environment, the temperature of this unit may increase slightly. This is not a malfunction.
- Avoid a place with drastic temperature changes.
- Do not place anything directly on top or bottom of the unit.
- Depending on your external devices, noise or disturbance of the picture and / or sound may be generated if the unit is placed too close to them. In this case, please ensure enough space between the external devices and the unit.
- Do not insert the AC power cord into the power socket outlet before all the connections are made.
- Ensure that you always have easy access to the AC power cord or plug to disconnect the TV from the power.
- Before you move the TV, disconnect attached cables to prevent damage to connectors.
- Be sure to unplug the AC power cord from the AC outlet before moving or carrying the unit.

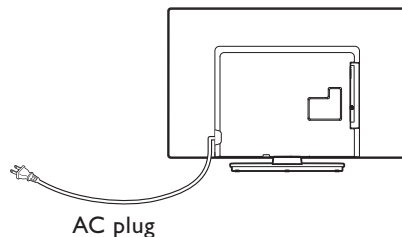


Regulatory notices

Do not place the unit on the furniture that is capable of being tilted by a child and an adult leaning, pulling, standing or climbing on it. A falling unit can cause serious injury or even death.

This apparatus should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided. Make sure to leave a space of 4 inches (10cm) or more around this apparatus.

Press  to turn the unit on and go into standby mode. To completely turn Off the unit, you must unplug the AC power cord. Disconnect the AC plug to shut the unit off when trouble is found or not in use. The AC plug shall remain readily available.



Never use a gas duster on this TV.

The gas trapped inside of this unit may cause ignition and explosion.

CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

WARNING: Batteries (battery pack or battery installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

WARNING: To prevent injury, this apparatus must be securely attached to the furniture / wall in accordance with the instructions. Tipping, shaking, or rocking the unit may cause injury / death.

Environmental care



The packaging of this product is intended to be recycled.

Contact your local authorities for information about how to recycle the packaging.

For product recycling information, please visit - www.recycle.philips.com

End of life directives



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 Get started

Features

- **Analog TV / CATV**
You can use your remote control to select channels which are broadcast in conventional Analog format. Also, cable subscribers can access their cable TV channels.
- **Auto tuning**
This unit automatically scans and memorizes channels available in your area, eliminating difficult setup procedures.
- **MTS / SAP tuner**
Audio can be selected from the remote control.
- **Auto Standby**
If there is no Input signal and no operation for 15 minutes, the unit will go into Standby mode automatically.
- **Sleep timer**
You can set the unit to go into Standby mode after a specific amount of time.
- **Choices for on-screen language**
Select your on-screen language: English or Spanish.
- **Stereo sound function**
- **Various adjustment for picture and sound**
Customizes image quality suitable for your room and sets your sound preference.
- **HDMI Input**
- **HDMI-DVI Input**
If your video device has DVI Output jack, use an HDMI-DVI conversion cable to connect the unit.
- **Component Video Input**
- **PC Input**
- **AV Input**
- **USB terminal**
The picture (JPEG) files stored on a USB Memory Stick can be played back on this unit.
- **Digital Audio Output**
- **Headphone Audio Output**

Supplied accessories

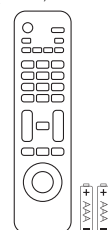
User Manual



Quick Start guide

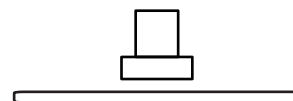


Remote Control and batteries (AAA, 1.5V x 2)



TV base and screws

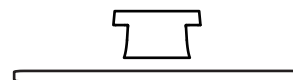
50PFL3708 / 39PFL4408



39PFL3708 / 32PFL3508



32PFL4208 / 29PFL4508 / 24PFL4508



Screws packed with this unit.

Model	Quantity	Size
50PFL3708	8	M4 x 0.472"(12mm)
39PFL4408	3	M4 x 0.393"(10mm)
	4	M4 x 0.787"(20mm)
39PFL3708	1*	5.1 x 20mm
	3	M4 x 0.787"(20mm)
32PFL3508 / 32PFL4208 / 29PFL4508 / 24PFL4508	1*	5.1 x 20mm
	3	M4 x 0.984"(25mm)

*This screw is for mounting the unit on your furniture.

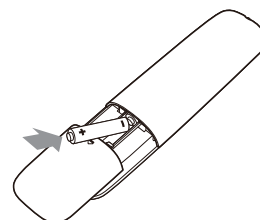
Note

- If you lose the screws, please purchase the above-mentioned Phillips head screws at your local store.
- If you need to replace these accessories, please refer to the part name or No. with the illustrations and call our toll free customer support line found on the cover of this User Manual.

When using a universal remote control to operate this unit.

- Make sure the component code on your universal remote control is set to our brand. Refer to the instruction book accompanying your remote control for more details.
- We do not guarantee 100% interoperability with all universal remote controls.

Installing the remote control batteries



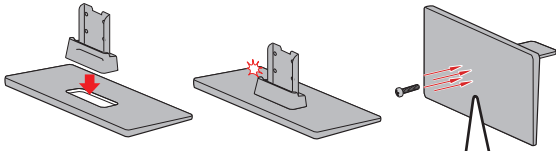
- 1 Slide the battery cover off the back of the remote control.
- 2 Insert the 2 supplied batteries (AAA, 1.5V). Be sure the + and – ends of the batteries line up with the markings inside the case.
- 3 Slide the cover back into position.

Note

- Remove the batteries if not using the remote control for an extended period of time.

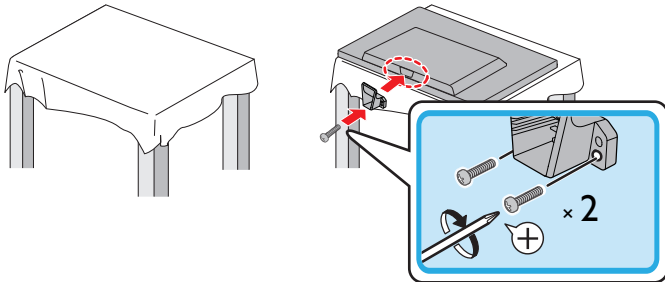
Stand assembly

50PFL3708 / 39PFL4408



 × 4 [50PFL3708]
 × 3 [39PFL4408: M4 × 0.393\"(10mm)]

32PFL4208 / 29PFL4508 / 24PFL4508

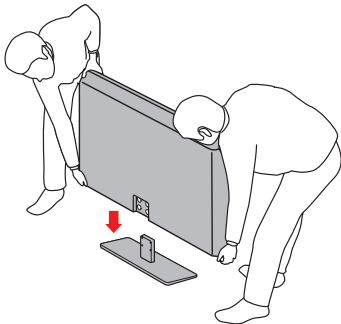


Attaching the base

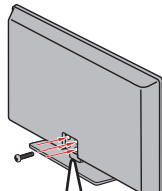
You must attach the base to the unit to have it as a table top unit. Be sure the front and rear of the base match the proper direction. For large screen TVs, at least 2 people are required for these steps.

50PFL3708 / 39PFL4408

1



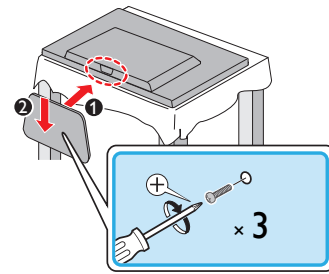
2



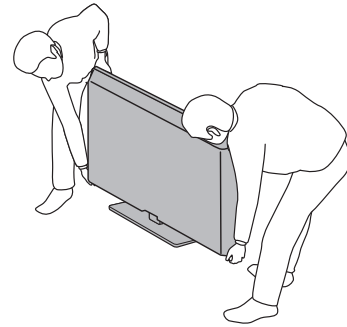
 × 4 [50PFL3708]
 × 4 [39PFL4408: M4 × 0.787\"(20mm)]

39PFL3708 / 32PFL3508

1

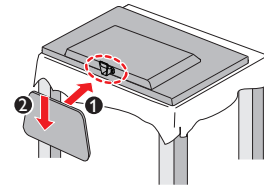


2

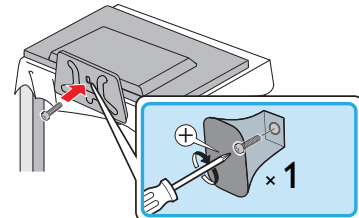


32PFL4208 / 29PFL4508 / 24PFL4508

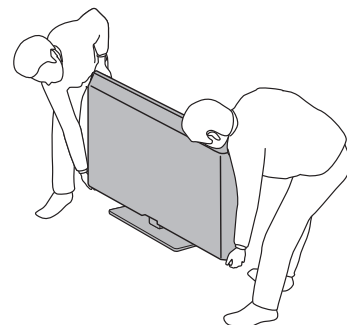
1



2



3



Note

- Make sure to use a table which can support the weight of this unit and is larger than this unit.
- Make sure the table is in a stable location.
- When attaching the base, ensure that "FRONT" with "arrow" written on the bottom of the base is downward. If it's not downward, the 2 hooks don't fit into the base.
- When attaching the base, ensure that all screws are tightly fastened. If the base is not properly attached, it could cause the unit to fall, resulting in injuries as well as damage to the unit.
- To remove the base from this unit, unscrew the Phillips head screws in step 2. Be careful not to drop the base when you remove it.

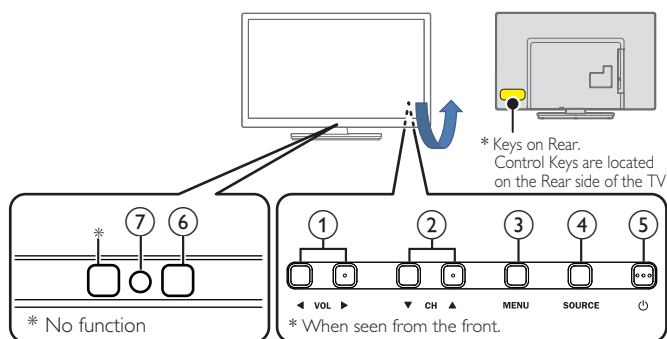
Remote control



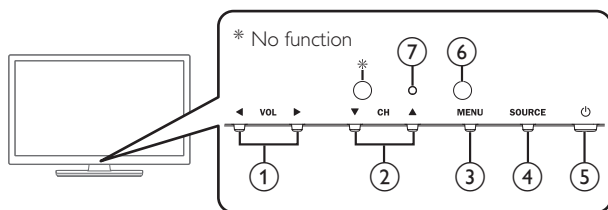
- ① **⏻ (POWER)**
Turns the TV On from Standby or Off to Standby.
- ② **Buttons for Playback Mode**
Use these Buttons for **Playback Mode**.
 ▶|| Begins, Restarts or Pauses the Media playback.
 ■ Stops the Media playback.
 ◀◀ / ▶▶ Searches Backward or Forward through the disc.
 ◀ / ▶ Skips the file Backward or Forward.
- ③ **P.MODE**
Switches the Picture mode.
- ④ **🏠 (MENU)**
Displays the main menu.
- ⑤ **INFO ⓘ**
Displays Information about the TV or the external device channel.
- ⑥ **▲ ▼ ◀ ▶ (NAVIGATION buttons) / OK**
Moves the cursor; / Selects the On-screen Menu items.
- ⑦ **SLEEP**
Sets Sleep Timer.
- ⑧ **📺 SOURCE**
Selects Connected devices.
- ⑨ **CH + / -**
Selects a Channel.
- ⑩ **COLOR (RED/GREEN/YELLOW/BLUE) buttons**
Use these Buttons according to the directions On-screen.
- ⑪ **0 - 9 (NUMBER buttons)**
Used to enter a Channel / Program number.
PREV.CH Returns to the previously viewed Channel.
- ⑫ **FAV**
Displays the Favorite list.
- ⑬ **🔇 (MUTE)**
Turns the Sound On and Off.
- ⑭ **VOL + / -**
Adjusts the Volume.
- ⑮ **BACK**
Returns to the previous Menu operation.
- ⑯ **FORMAT**
Adjusts the Picture size on the TV screen.
- ⑰ **SAP**
Selects Audio mode (**MONO/STEREO/SAP**).

Control panel

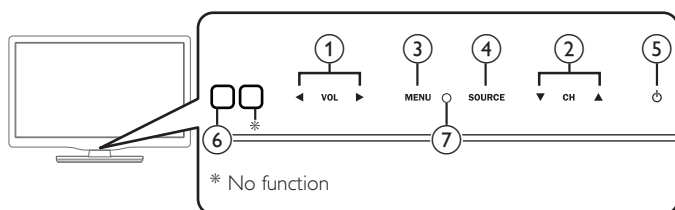
50PFL3708



39PFL3708 / 39PFL4408 / 32PFL3508

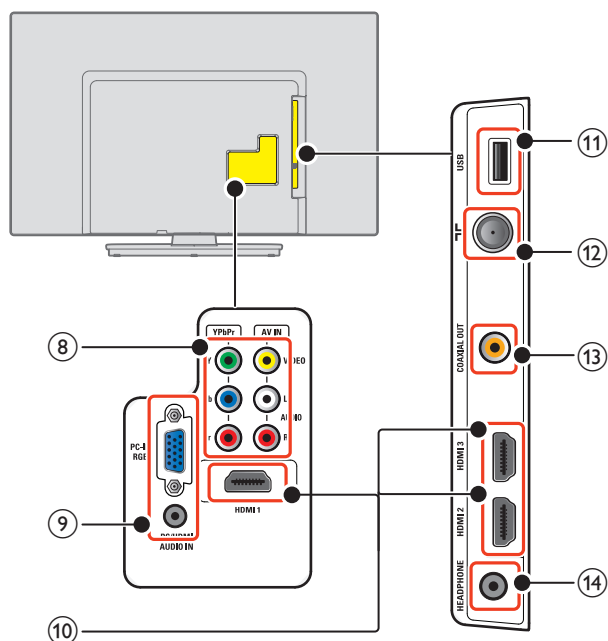


32PFL4208 / 29PFL4508 / 24PFL4508



- ① **VOL ◀/▶**
Adjusts the Volume. In the Menu screen, moves the Cursor Left (◀) / Right (▶).
VOL ◀ : Volume Down
VOL ▶ : Volume Up
- ② **CH ▲/▼**
Selects a Channel. In the Menu screen, moves the Cursor Up (▲) / Down (▼).
- ③ **MENU**
Opens the Main On-screen Menu.
- ④ **SOURCE**
Selects Connected devices.
- ⑤ **⏻ (POWER)**
Turns the TV On and Off.
- ⑥ **Remote Control Sensor**
Receives IR signal from Remote control.
- ⑦ **Power On / Standby Indicator**
(On : lights in white, Standby : no light)

Terminals



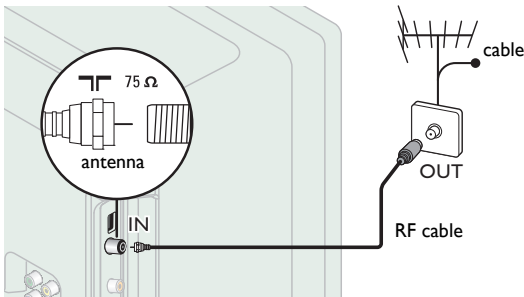
- ⑧ **Component (Y/Pb/Pr) / Composite Video (VIDEO) Input jacks for VIDEO / Analog Audio (L/R) Input jacks**
– Component Video / Analog Audio (L/R) jacks signal
– Composite Video / Analog Audio (L/R) jacks signal
- ⑨ **PC Input jack / VGA Audio cable connection for PC**
– VGA cable connection for PC / Analog Audio (L/R) jacks signal with Stereo mini 3.5mm plug Audio cable on PC
– HDMI-DVI / Analog Audio (L/R) jacks signal with Stereo mini 3.5mm plug Audio cable
- ⑩ **HDMI Input jack(s)**
Digital audio and video Input from high definition Digital devices such as DVD / Blu-ray disc players, cable / satellite set-top boxes PC's.
- ⑪ **USB terminal**
Data Input from USB Memory Stick only.
Do not connect any device to this terminal such as; Digital camera, keyboard, mouse, etc.
- ⑫ **75 ohm Cable / Antenna connection**
Signal Input from an antenna or cable / satellite set-top boxes.
- ⑬ **Digital Audio Output jack**
Digital Audio (S/PDIF) Output to home theaters and other Digital Audio systems.
- ⑭ **Headphone Audio Output jack**
Headphone 3.5mm stereo jack for personal listening.

Connecting the antenna or the cable

Be sure your antenna or other device is connected properly before plugging in the AC power cord.

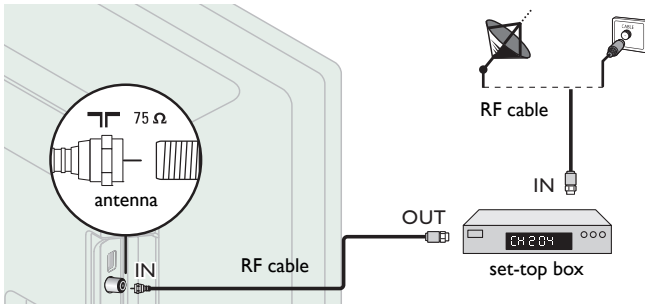
If you connect to an antenna through RF cable

Any DTV programs that are broadcasted in your area can be received for free through an antenna connection.



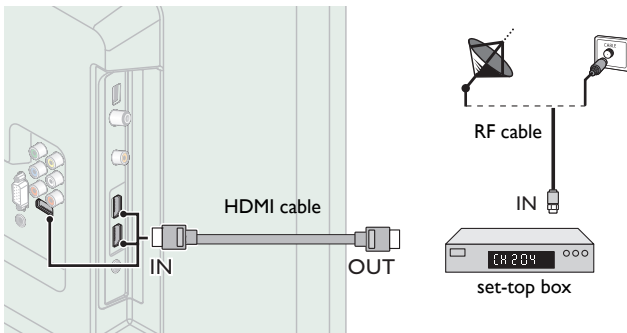
If you connect a set-top box through RF cable

If the TV is connected to a cable / satellite set-top box via a coaxial connection, set the TV to channel 3, 4 or the channel specified by the service provider:



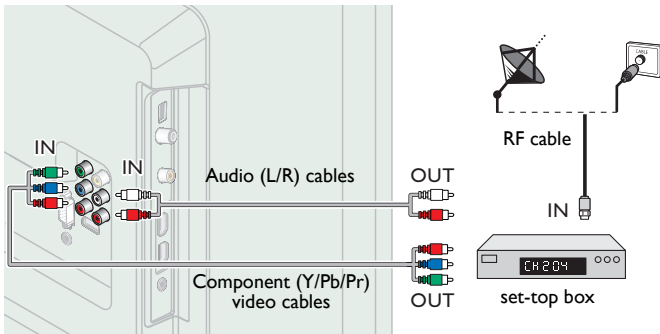
If you connect a set-top box through HDMI

If the TV is connected to a cable / satellite set-top box via HDMI, make sure you select the correct Source by using **SOURCE**.



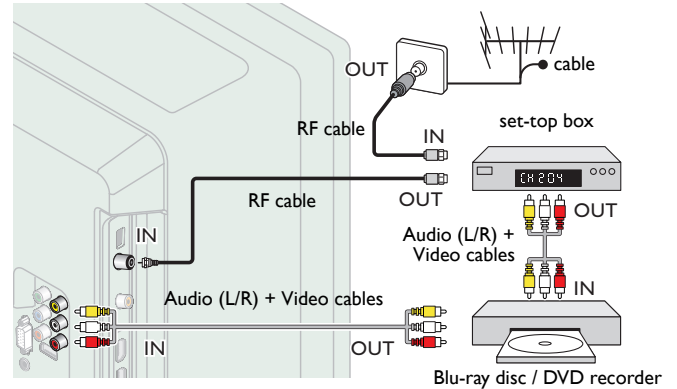
If you connect a set-top box through Component Video Input

If the TV is connected to a cable / satellite set-top box via Component Video Input, make sure you select the correct Component Video Source by using **SOURCE**.



Connecting a set-top box, Blu-ray disc / DVD recorder via composite connectors and Analog Audio

Do not place your recorder too close to the screen because some recorders can be susceptible to signals.



Note

- If you have any question about the DTV's antenna, visit www.antennaweb.org for further information.
- Depending on your antenna system, you may need different types of combiners (mixers) or separators (splitters) for HDTV signal. The minimum RF bandpass on these devices is 2,000MHz or 2GHz.
- For your safety and to avoid damage to this unit, please unplug the RF coaxial cable from the antenna Input jack before moving the unit.
- If you did use an antenna to receive Analog TV, it should also work for DTV reception. Outdoor or attic antennas will be more effective than a set-top box or inside antenna.
- To Turn On your reception source easily between antenna and cable, install an antenna selector.
- If you are not receiving a signal from your cable service, contact the Cable provider.
- Only the left loudspeaker reproduces sound for mono equipment. Use a mono to stereo adapter (not supplied) for sound reproduction via all internal loudspeakers.

Plugging in the AC power cord

Make sure that the AC power cord must be plugged to an AC outlet after all the necessary connections are made.

! Caution

- Do not connect the AC power cord to a power supply outside the indicated voltage of this unit (AC 120V).
- Connecting the AC power cord to a power supply outside of this range may result in fire, smoke, unit failure or electrical shock.

Note

- Each time you plug in the AC power cord, no operations will be performed for a few seconds. This is not a malfunction.

No supplied cables are used with these connections:

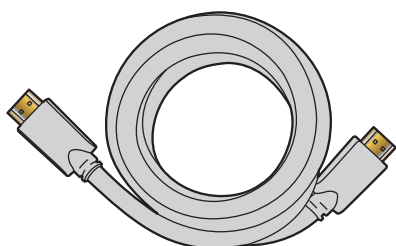
- Please purchase the necessary cables at your local store.

Before you connect AC power cord:

Be sure other devices are connected properly before plugging in the AC power cord.

Selecting your connection quality

HDMI - Highest quality

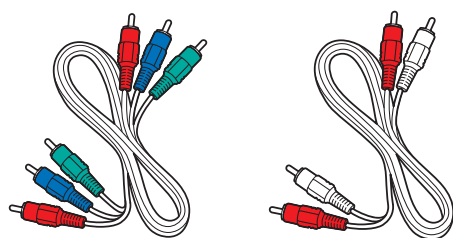


Supports high-definition Digital signals and gives highest picture and sound quality. Video and audio signals are combined in one cable.

Note

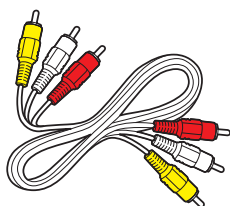
- Philips HDMI supports HDCP (High-bandwidth Digital Contents Protection). HDCP is a form of Digital Rights Management that protects high definition content in Blu-ray discs or DVDs.

Component (Y Pb Pr) - High quality



Supports high-definition Analog signals but gives lower picture quality than HDMI. Component (Y/Pb/Pr) Video cables combine red / green / blue video cables with red / white audio (L/R) cables. Match the cable colors when you connect to the TV.

Composite - Basic quality

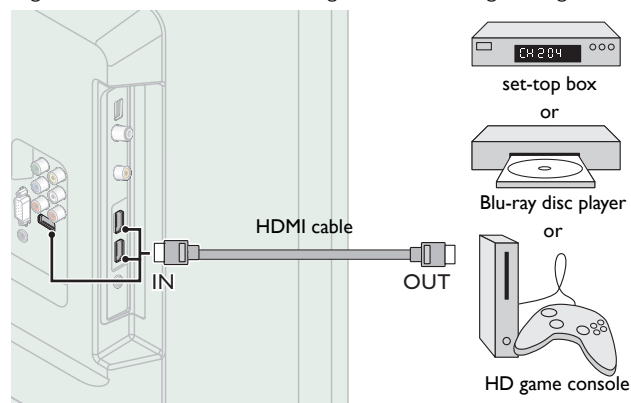


For analog connections. Composite Video / Audio Analog cable usually combine a yellow video cable with red / white audio (L/R) cables.

Connecting your devices

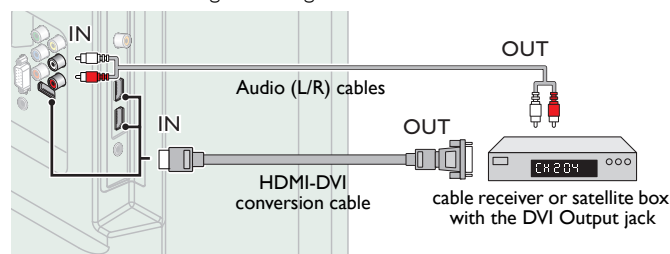
HDMI Digital connection

HDMI connection offers the highest picture quality. HDMI (High-Definition Multimedia Interface) transports high definition Digital video and multi-channel Digital Audio through a single cable.



HDMI-DVI connection

This unit can be connected to your device that has a DVI terminal. Use an HDMI-DVI conversion cable for this connection and it requires audio cable for Analog Audio signal as well.



Note

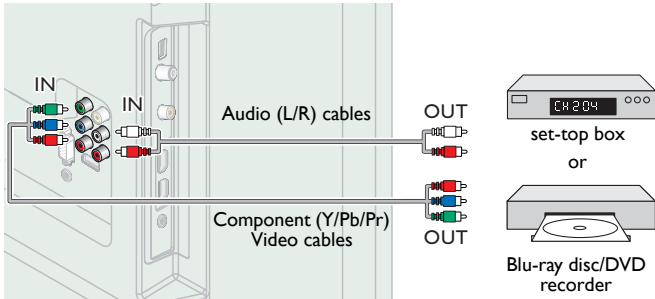
- Use an HDMI cable with the HDMI logo (a certified HDMI cable). High Speed HDMI cable is recommended for the better compatibility.
- For HDMI connection**
- The unit accepts 480i / 480p / 720p / 1080i, 1080p 24/30/60Hz of video signals, 32kHz / 44.1kHz and 48kHz of audio signals.
 - This unit accepts 2 channel audio signal (LPCM).
 - This unit accepts only signals in compliance with EIA861.
- For HDMI-DVI connection**
- The unit accepts 480i, 480p, 720p, 1080i and 1080p video signals.
 - HDMI-DVI connection requires separate audio connections as well and the audio signals are output as Analog (L/R) Audio.
 - DVI does not display 480i image which is not in compliance with EIA/CEA-861/861B.

Continued on next page.

Component Analog Video Connection

Component Analog Video connection offers better picture quality for video devices connected to the unit.

If you connect to the unit's Component Video (Y/Pb/Pr) Input jacks, connect Analog Audio cables to the Analog Audio (L/R) Input jacks.



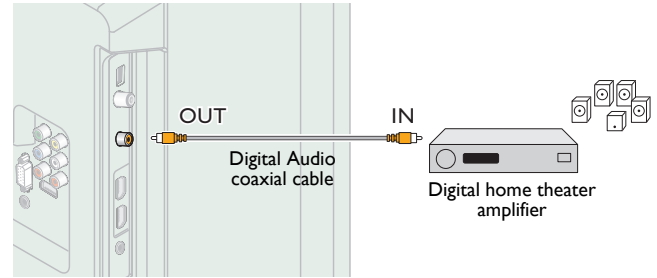
Note

- The unit accepts 480i / 480p / 720p and 1080i of video signals for this connection.

Digital Audio Output Connection

If you connect this unit to an external Digital Audio device, you can enjoy multi-channel audio like 5.1ch Digital broadcasting sound.

Use a Digital Audio coaxial cable to connect the unit to external Digital Audio devices.

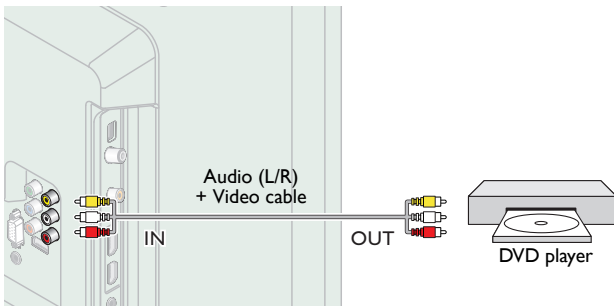


Continued on next page.

Composite Analog Video Connection

Composite Analog Video connection offers standard picture quality for video devices connected to the unit.

If you connect to the unit's Composite Video (Y/VIDEO) Input jack, connect audio cables to the Audio (L/R) Input jacks.



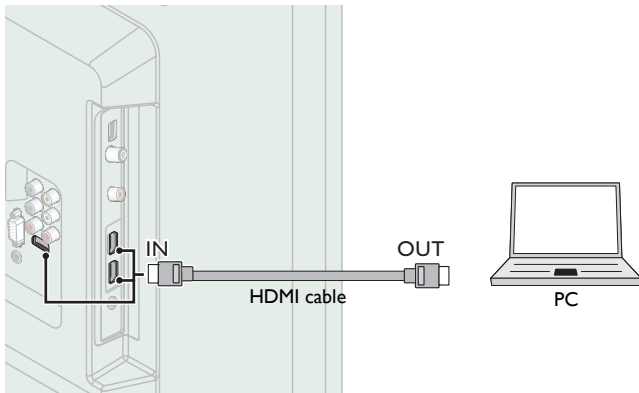
Note

- Whenever you connect to the Composite Video Input jack (Y/VIDEO), you must disconnect the Component Video Input jacks (Pb and Pr). If you leave those jacks connected, it may cause of an unstable picture.
- Only the left loudspeaker reproduces sound for mono equipment. Use a mono to stereo adapter (not supplied) for sound reproduction via all internal loudspeakers.

PC connection

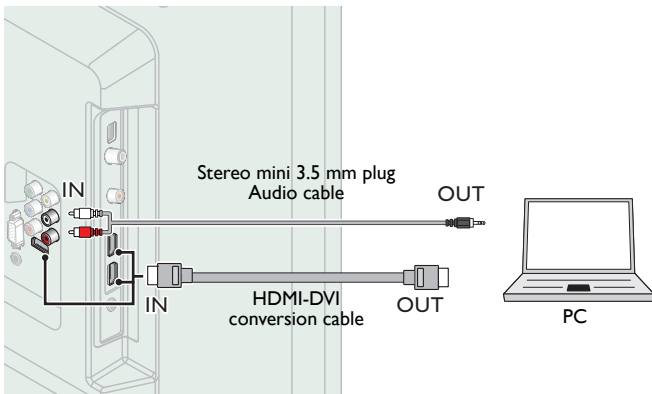
HDMI connection

This unit can be connected to your PC that has a HDMI terminal. Use an HDMI cable for this Digital connection.



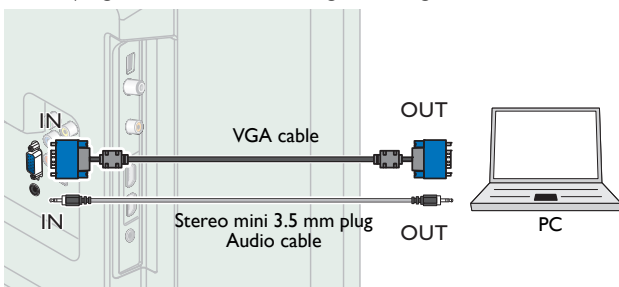
HDMI-DVI connection

This unit can be connected to your PC that has a DVI terminal. Use an HDMI-DVI conversion cable for this Video Digital connection and it requires Stereo mini 3.5mm plug Audio cable for Analog Audio signal as well.



VGA connection

This unit is equipped with a PC Input jack. If you connect this unit to your PC, you can use this unit as a PC monitor. Use a VGA cable for this Video connection and it requires a Stereo mini 3.5mm plug Audio cable for Analog Audio signal as well.



The following video signals can be displayed:

Format	Resolution	Refresh rate
VGA	640 × 480	60Hz
SVGA	800 × 600	
XGA	1,024 × 768	
WXGA	1,280 × 768	
	1,360 × 768	
FHD*	1,920 × 1,080	

Other formats or non-standard signals will not be displayed correctly.

* 50PFL3708 / 39PFL4408 / 39PFL3708 only.

Note

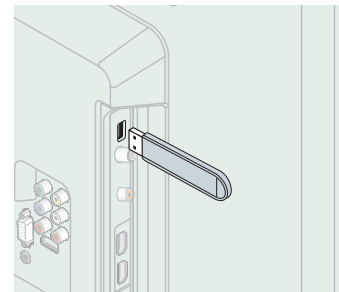
- Please purchase the VGA cable or HDMI-DVI conversion cable that has a ferrite core.
- The following operations may reduce noise.
 - Attach a ferrite core to the AC power cord of your PC.
 - Unplug the AC power cord and use the built-in battery of your PC.
- Use an HDMI cable with the HDMI logo (a certified HDMI cable). High Speed HDMI cable is recommended for the better compatibility.
- The unit accepts 480i, 480p, 720p, 1080i and 1080p video signals.
- HDMI-DVI connection requires separate audio connections as well and the audio signals are output as Analog (L/R) Audio.
- DVI does not display 480i image which is not in compliance with EIA/CEA-861/861B.

USB Memory Stick

This unit offers easy playback of picture (JPEG) files.

Insert the USB Memory Stick into the USB terminal shown below.

Playback Mode → p.24



Note

- The unit recognizes only a USB Memory Stick.
- Do not use a USB hub or an extension cable to connect an external hard disc drive to the unit. (Not supported.)
- A USB Memory Stick is always inserted to this unit directly.
- A USB Memory Stick is not supplied with this unit.
- We do not guarantee that all USB Memory Sticks can be supported by this unit.
- Be sure to keep a backup copy of the original files on your device before you play them back on this unit. We have no responsibilities for damage or loss of your stored data.
- To protect your USB Memory Stick files from being erased place the write protect sliding tab in the protect position.
- When you are ready to remove a USB Memory Stick, set the unit to go into Standby mode to avoid any damage to your data and the unit.
- A USB Memory Stick that requires its own driver or the device with a special system such as fingerprint recognition are not supported.
- This unit is not allowed to use the USB Memory Stick which requires an external power supply (500mA or more).

*These operations are accessible by remote control.
Some may also be accessible by control panel on the main unit.*

First time setup

This section will guide you for the language selection of your on-screen menu and auto tuning, which automatically scans and memorizes viewable channels.

- 1 Make sure the unit is connected to antenna or cable.
- 2 After making all the necessary connections, press  to Turn On the unit.
 - It may take a few moments to Turn On the unit for the first time.

Language selection

You can select the preferred on screen language.

- 1 Press  and use   to select  (OPTION).



- 2 Use   to select **OSD Language**, then press **OK**.
- 3 Use     to select the language you want, then press **OK**.

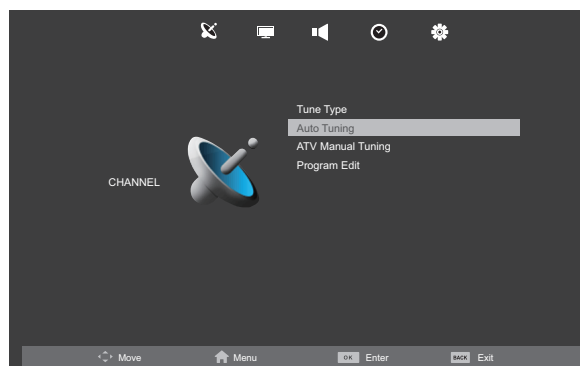
Note

- Available options are: **Español / English**.

Auto Tuning

Be sure the RF cable is correctly connected to this unit and you are registered with your cable TV provider when you install Cable channels.

- 1 Press  and use   to select  (CHANNEL).



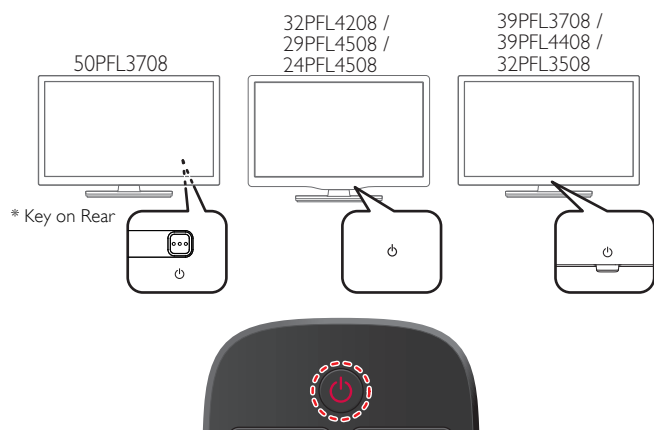
- 2 Use   to select **Auto Tuning** and then press **OK** to start scanning.

Note

- When the scanning and memorizing channels are completed, the lowest memorized channel will be displayed.
- After setting **Auto Tuning**, using **CH + / -** skips unavailable programs automatically.
- If you are not receiving a signal from your cable service, contact the Cable provider.
- If you press  or  during **Auto Tuning**, the setup of TV channels will be cancelled.
- Even if **Auto Tuning** is completed, the channel setting will be lost if the AC power cord is unplugged before the unit goes into Standby mode by pressing .

4 Use your TV

Switching on your TV and putting it in Standby mode



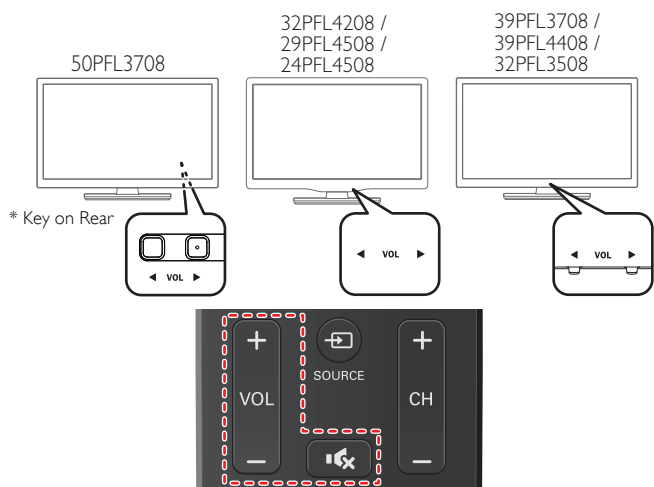
To Turn the TV On from Standby or Off to Standby

- Press (3 raised dots on the Rear panel or Front panel or the Remote control).

Note

- Energy consumption contributes to air and water pollution. When the AC power cord is plugged in, your TV consumes energy. Your TV has very low standby power consumption.

Adjusting volume



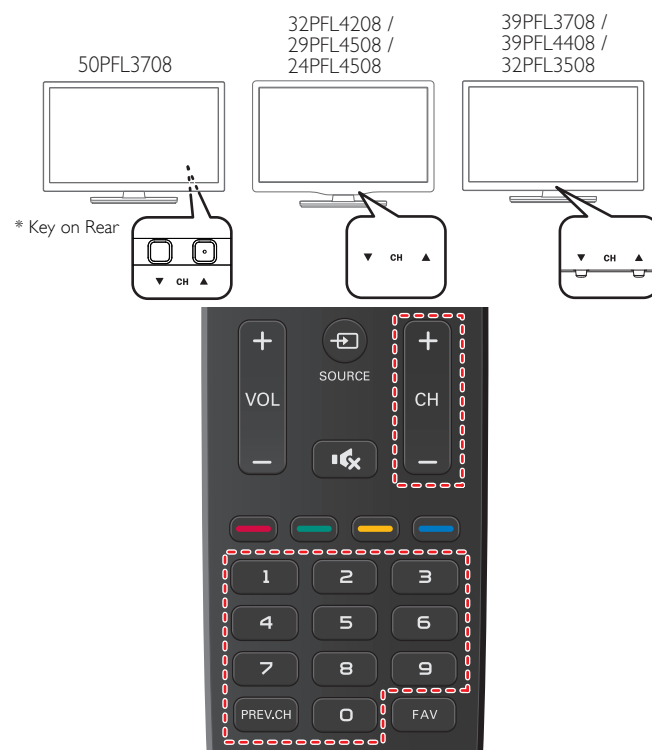
To decrease or increase volume

- Press / (1 raised dot on the Rear panel or Front panel) or press **VOL + / -** on the Remote control.
VOL : Volume Down
VOL : Volume Up

To mute or unmute sound

- Press on the remote control to mute the sound.
- Press again or **VOL + / -** to recover the original sound.

Switching channels



To select Channels by using CH / or CH + / -

- Press **CH** (Down) / **CH** (Up - 1 raised dot on the Rear panel or Front panel) or press **CH + / -** on the Remote control.

To select Channels by using the NUMBER buttons

— When selecting cable or Analog channel 11.



Press **PREV.CH** to return to the previously viewed channel.

Note

- To select the non-memorized channels, use the **NUMBER** buttons.
- No Signal** will appear on the TV screen after the subchannel broadcast is over.
- Audio only program** message will appear on the TV screen, when you receive only sound signal.

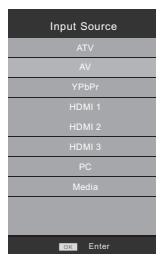
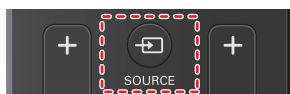
* 50PFL3708 only

All CONTROL Keys are located on the Rear (lower right) side of the unit as viewed from the Front.

Watching channels from an external device

Switching Each Input Mode can easily switch with the remote control between Analog TV and external devices when they are connected to the unit.

- 1 Turn On a set-top box or the connected device.



- 2 Press **SOURCE** and use **▲▼** to select the connected device and wait a few seconds till the picture appears.

Sleep timer

Sleep Timer can set the unit to go into Standby mode after an incremental period of time.



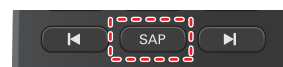
Press **SLEEP** repeatedly to change the amount of time.

- Available options are: **Off / 10 min / 20 min / 30 min / 60 min / 90 min / 120 min / 180 min / 240 min.**

Press **SLEEP** once to call up the display for checking the remaining time.

- To cancel sleep timer; press **SLEEP** repeatedly until **Off** is displayed.

Switching audio mode



- 1 Press **SAP** to display the currently selected audio mode.
- 2 While receiving an MTS broadcast, press repeatedly to cycle through the available audio channels.
e.g.) When all audio are available



STEREO : Outputs stereo-audio

SAP : Outputs second audio program

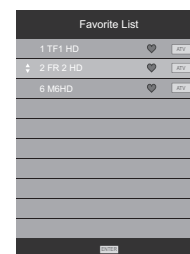
MONO : Outputs mono-audio

Using favorite mode

You can easily locate and watch a favorite channel.



- 1 Press **FAV** while watching a program to show the favorite channel list.



- 2 Use **▲▼** to select the channel you want, then press **OK**.

Note

- To set the favorite channel, refer to **Program Edit** → p.20
- Use **CH + / -** to move to the previous or next page.
- This unit need few seconds to memorise the favorite setting.
- If you unplug the AC power cord immediately after the setting, It will not be registered in the memory.

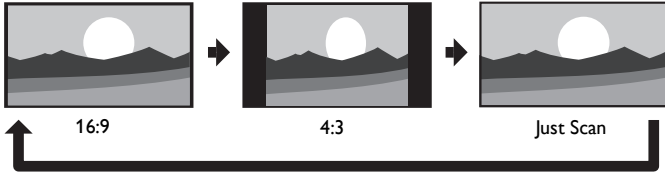
Changing picture format

Display modes can be selected when your TV receives a 16:9 or 4:3 video signal.

Three types of display modes can be selected for a PC Input signal. Press **FORMAT** repeatedly to switch the TV aspect ratio.

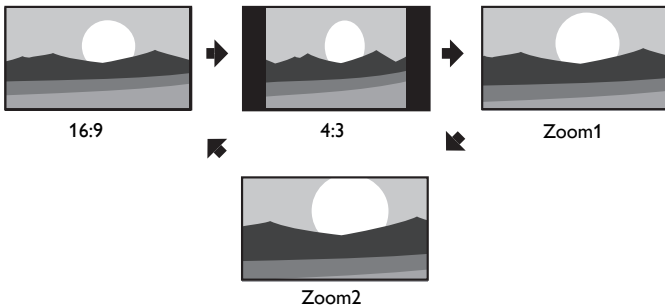


For 16:9 video signal



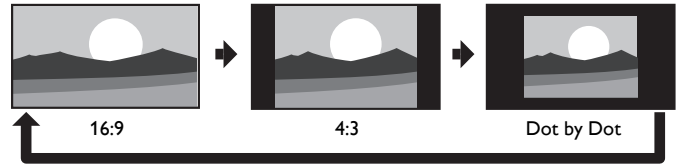
16:9	Original size.
4:3	Shortened horizontally. Sidebars appear on both edges of the screen.
Just Scan	Proportionately stretched picture.

For 4:3 video signal



16:9	Displays a 4:3 picture at a 16:9 size. This crops out the top and bottom of the picture.
4:3	Original size. Sidebars appear on both edges of the screen.
Zoom1	Enlarged without changing its horizontal and vertical ratio.
Zoom2	Maximum size without changing its horizontal and vertical ratio. Larger than Zoom1.

For PC Input signal



- This unit can also be connected to your PC that has a DVI terminal. Use an HDMI-DVI conversion cable for this Video connection and it requires Stereo mini 3.5mm plug Audio cable for Analog Audio signal as well.
- Refer to 16:9 video signal on this page if PC has HDMI Output.

16:9	Proportionately stretched picture. This crops out the top and bottom of the picture.
4:3	Proportionately stretched picture. Sidebars appear on both edges of the screen.
Dot by Dot	Original size.

5 Use more of your TV

This section describes the overview of the Main Menu displayed when you press **HOME**.

The Main Menu consists of the function setting items below.

Displaying the Main Menu

- 1 Press **HOME** to display the Main Menu.



- 2 Use **UP** **DOWN** to select the desired Menu and an item, then use **LEFT** **RIGHT** to adjust the setting or press **OK**.
- 3 When the setting is completed, press **HOME** or **BACK** to exit.

CHANNEL

➡ p.20

Scanning the Channels available in your area and edit the program.

SCREEN

➡ p.21

Adjusting the screen settings in PC mode.

PICTURE

➡ p.21

Adjusting the Picture Mode or customize the Picture quality as your preference.

SOUND

➡ p.22

Adjusting the Sound Mode, speaker settings and some other Sound functions.

TIMER

➡ p.22

Adjusting the display timer setting.

OPTION

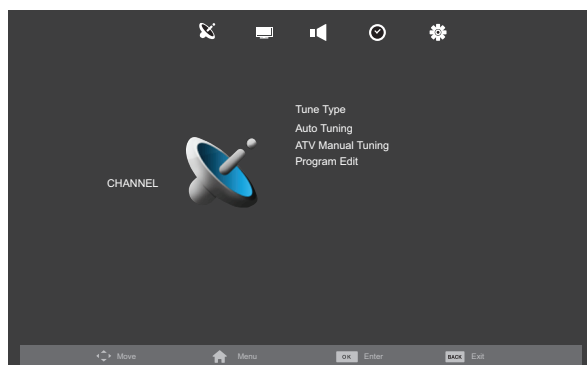
➡ p.23

Selecting the Optional Settings.

CHANNEL

Tune Type

- 1 Press **HOME** and use **◀▶** to select **ⓧ** (CHANNEL).



- 2 Use **▲▼** to select **Tune Type**, then use **◀▶** to select **Air** or **Cable**.

Note

- When **Air** is selected, the TV detects antenna signals. It searches for NTSC channels available in your area.
- When **Cable** is selected, the TV detects signals supplied by cable. It searches for NTSC and Cable channels available in your area.

Auto Tuning

- 1 Press **HOME** and use **◀▶** to select **ⓧ** (CHANNEL).
- 2 Use **▲▼** to select **Auto Tuning**, then press **OK** to start scanning.

Note

- For detailed information, refer to **Auto Tuning** in **First time setup** → p.15

ATV Manual Tuning

You can search channels manually in your area.

- 1 Press **HOME** and use **◀▶** to select **ⓧ** (CHANNEL).
- 2 Use **▲▼** to select **ATV Manual Tuning**, then press **OK**.
- 3 Use **▲▼** to select **Current CH**, then use **◀▶** to select the channel you want.
- 4 Use **▲▼** to select **Color System**, then use **◀▶** to select the channel you want.
- 5 Use **▲▼** to select **Sound System**, then use **◀▶** to select the channel you want.
- 6 Use **▲▼** to select **Fine Tune**, then use **◀▶** to adjust the setting.
- 7 Use **▲▼** to select **AFC**, then use **◀▶** to select **On** or **Off**.
 - If you set to **On**, this unit searches a near channel automatically.
- 8 Use **▲▼** to select **Search**, then use **◀▶** to search a current selected channel.

Program Edit

You can edit the program settings.

- 1 Press **HOME** and use **◀▶** to select **ⓧ** (CHANNEL).
- 2 Use **▲▼** to select **Program Edit**, then press **OK** to enter Program Edit list.

Delete : Press **RED** to delete the current channel.

Rename : Press **GREEN** and use **◀▶** and the Number buttons to change the current channel name.

Skip : Press **BLUE** to skip the current channel.

Fav : Press **FAV** to register the current channel.

Character table for **Rename**

Number button	Order			
1	A	➡	B	➡ C ➡ 1
2	D	➡	E	➡ F ➡ 2
3	G	➡	H	➡ I ➡ 3
4	J	➡	K	➡ L ➡ 4
5	M	➡	N	➡ O ➡ 5
6	P	➡	Q	➡ R ➡ 6
7	S	➡	T	➡ U ➡ 7
8	V	➡	W	➡ X ➡ 8
9	Y	➡	Z	➡ 9
0	+	➡	-	➡ . ➡ 0

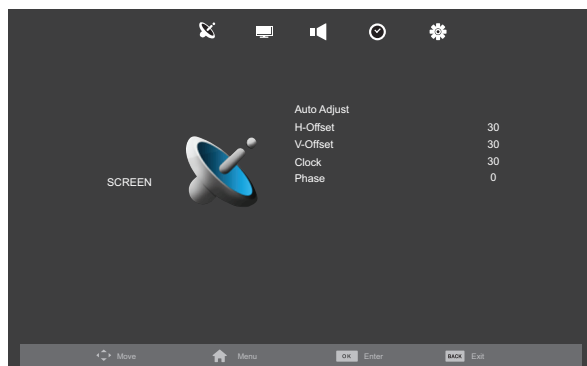
Note

- To see the favorite channel, refer to **Using favorite mode** → p.17

SCREEN

You can change the screen settings automatically/manually.

- 1 Press **HOME** and use **◀▶** to select **SCREEN**.



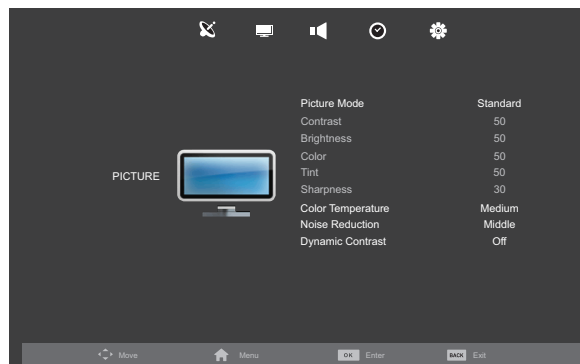
- 2 Use **▲▼◀▶** to select the item you want to adjust, then press **OK**.

Auto Adjust	to adjust the screen settings automatically	
	Cursor ◀	Cursor ▶
H-Offset	move PC screen left	move PC screen right
V-Offset	move PC screen down	move PC screen up
Clock	decrease setting value	increase setting value
Phase		

PICTURE

You can adjust the picture settings according to your personal preference. These settings are automatically stored after exiting the picture menu.

- 1 Press **HOME** and use **◀▶** to select **PICTURE**.



- 2 Use **▲▼◀▶** to select the item you want to adjust, then press **OK**.

Picture Mode	to select the desired setting (Dynamic, Standard, Mild, and Personal)	
	Cursor ◀	Cursor ▶
Contrast	to decrease contrast	to increase contrast
Brightness	to decrease brightness	to increase brightness
Color	to decrease color intensity	to increase color intensity
Tint	to add red	to add green
Sharpness	to soften	to sharpen
Color Temperature	to select the desired setting (Cool, Medium, and Warm)	
Noise Reduction	to select the desired setting (Off, Low, Middle, and High)	
Dynamic Contrast	to select the desired setting (On and Off)	

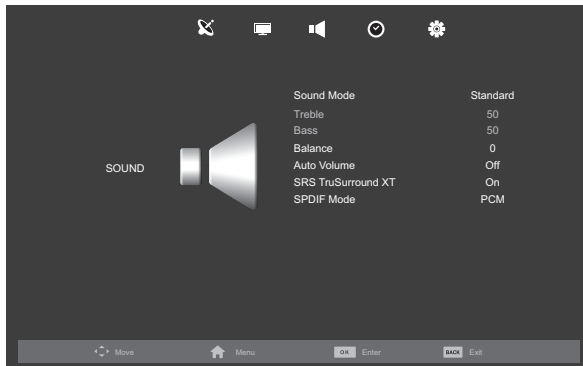
Note

- You can change **Picture Mode** easily using **P.MODE** on the remote control. Press **P.MODE** repeatedly to select the picture mode you want. In this function, you can also assign the picture mode individually to each input mode.
- You can adjust **Contrast**, **Brightness**, **Color**, **Tint** and **Sharpness**, if you set **Personal** in **Picture Mode**.
- While adjusting each setting of **Picture Mode**, **Contrast**, **Brightness**, **Color**, **Tint** and **Sharpness**, you can change the setting item using **▲▼**.

SOUND

You can adjust the sound settings according to your personal preferences.

- 1 Press **HOME** and use **◀▶** to select **🔊 (SOUND)**.



- 2 Use **▲▼◀▶** to select the item you want to adjust, then press **OK**.

Sound Mode	to select the desired setting (Standard, Music, Movie, Sports, and Personal)	
	Cursor ◀	Cursor ▶
Treble	to decrease treble	to increase treble
Bass	to decrease bass	to increase bass
Balance	to decrease right speaker volume level	to decrease left speaker volume level
Auto Volume	On	to reduce volume differences between the TV commercials and the programs
	Off	to remove the auto volume leveling
SRS TruSurround XT	On	to set on the surround mode
	Off	to set off the surround mode
SPDIF Mode	Auto	The SPDIF output is the same with the input sound format.
	PCM	The SPDIF output is PCM format, regardless of the input sound format.
	Off	Turn OFF the SPDIF output.

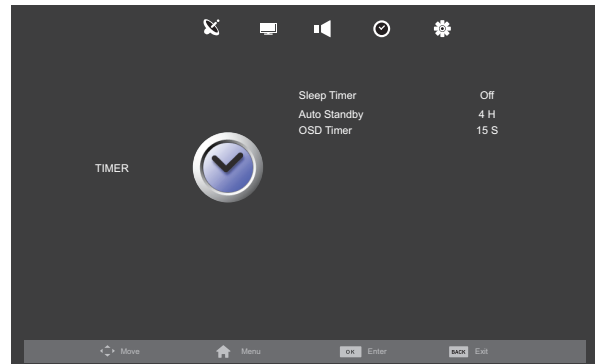
Note

- You can adjust **Treble** and **Bass** settings, if you set **Personal** in **Sound Mode**.
- While adjusting each setting of **Sound Mode**, **Treble**, **Bass** and **Balance**, you can change the setting item using **▲▼**.

TIMER

Sleep Timer

- 1 Press **HOME** and use **◀▶** to select **🕒 (TIMER)**.



- 2 Use **▲▼** to select **Sleep Timer**, then press **OK**.
- 3 Use **▲▼** to select the time you want, then press **OK**.

Note

- For detailed information, refer to **Sleep timer** → p.17

Auto Standby

You can set the time to turn off the display power automatically. In spite of this setting, the unit goes into standby mode automatically if there is no signal input from the antenna terminal and no user operation for 15 minutes.

- 1 Press **HOME** and use **◀▶** to select **🕒 (TIMER)**.
- 2 Use **▲▼** to select **Auto Standby**, then press **OK**.
- 3 Use **▲▼** to select the time you want, then press **OK**.

Note

- Available options are: **Off / 3 H / 4 H / 5 H**.

OSD Timer

You can set the time to turn off the OSD display.

- 1 Press **HOME** and use **◀▶** to select **📺 (CHANNEL)**.
- 2 Use **▲▼** to select **OSD Timer**, then press **OK**.
- 3 Use **▲▼** to select the time you want, then press **OK**.

Note

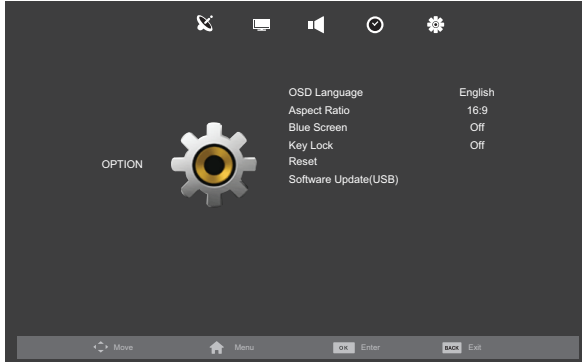
- Available options are: **Off / 5 S / 10 S / 15 S / 20 S / 25 S / 30 S**.

OPTION

OSD Language

You can select the preferred on screen language.

- 1 Press  and use  to select  (OPTION).



- 2 Use  to select **OSD Language**, then press **OK**.
- 3 Use   to select the display mode you want, then press **OK**.

Note

- Available options are: **Español / English**.

Aspect Ratio

Display modes can be selected when your TV receives a 16:9 or 4:3 video signal.

- 1 Press  and use  to select  (OPTION).
- 2 Use  to select **Aspect Ratio**, then press **OK**.
- 3 Use  to select the display mode you want, then press **OK**.

Note

- Available options are: **4:3 / 16:9 / Zoom1 / Zoom2 / Just Scan / Dot by Dot**.

Blue Screen

If you set to **On**, the background screen displays blue, during no input signal.

- 1 Press  and use  to select  (OPTION).
- 2 Use   to select **Blue Screen**, then select **On** or **Off** using .

Key Lock

If you set to **On**, you cannot use the buttons on the unit.

- 1 Press  and use  to select  (OPTION).
- 2 Use   to select **Key Lock**, then select **On** or **Off** using .

Reset

You can restore the all settings.

- 1 Press  and use  to select  (OPTION).
- 2 Use  to select **Reset**, then press **OK**.
- 3 Press  to select **Yes** to reset the current settings.

Note

- Channel setting has no change before and after reset.

Software Update(USB)

Philips continuously tries to improve its products and we strongly recommend that you upgrade the TV software when upgrades are available.

- 1 Press  and use  to select  (OPTION).
- 2 Use  to select **Software Update(USB)**, then press **OK**.

Note

- For detailed information, refer to **Upgrade your TV software** → p.26.

6 Playback Mode

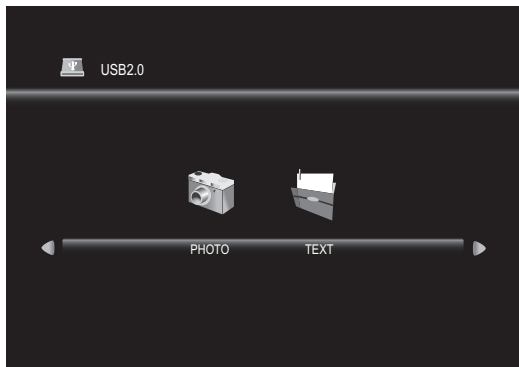
Your TV is fitted with a USB connection that enables you to view photos and read texts stored on a USB Memory Stick.

Before you begin:

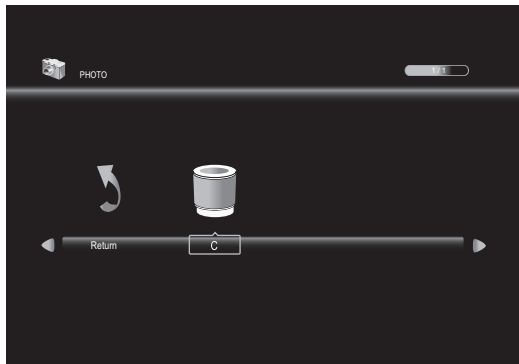
- 1 Connect the USB Memory Stick to the USB terminal on the side of your TV.
- 2 Press  to display the input mode and use   to select **Media**, then press **OK**.
 - If you want to exit this mode, select any other input mode.

View Photos

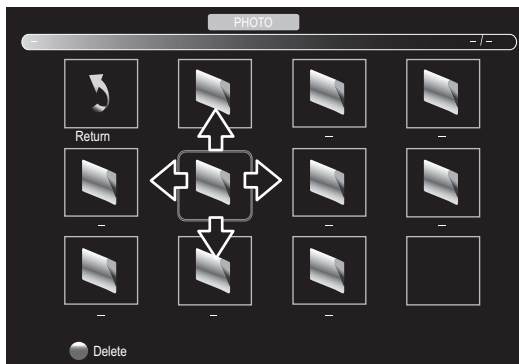
- 1 Use   to select **PHOTO** and press **OK**.



- 2 Use   to select **C** and press **OK** to enter your file.



- 3 Use     to select the desired file, then press **OK**.



Note

- The check box is displayed at the right bottom by pressing the **OK**. The files having the check box are played by pressing  . If they are not selected, then all playable files in the folder are played.

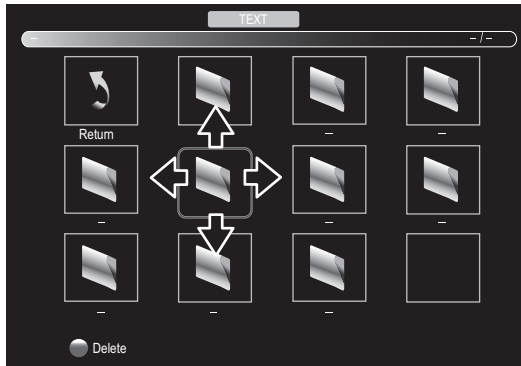
Operation in Slideshow

OK / INFO 	Press the button on remote control to display the menu.
	Press the button to play or pause the slideshow.
	Press the button to skip the file backward or forward.
	Press the button to stop the slideshow.
Repeat 	Use   and press OK to select the repeat mode; Repeat None , Repeat 1 or Repeat All in order.
Playlist 	Use   and press OK to select Playlist to show the playlist.
Info. 	Use   and press OK to select Info. to show the details.
Rotate  / 	Use   to select right-handed or left-handed rotate and press OK to turn the picture by 90 degrees.
Zoom In 	Use   to select Zoom In and press OK to zoom in the display.
Zoom Out 	Use   to select Zoom Out and press OK to zoom out the display.
Move View 	Use   to select Move View and press OK to move viewing location during zoom in the display.

Continued on next page.

Read Texts

- 1 Use ◀▶ to select **TEXT** and press **OK**.
- 2 Use ◀▶ to select **C** and press **OK** to enter your file.
- 3 Use ▲▼◀▶ to select the desired file, then press **OK**.



Note

- The check box is displayed at the right bottom by pressing the **OK**. The files having the check box are played by pressing ▶||. If they are not selected, then all playable files in the folder are played.

Operation in Playback

OK / INFO ⓘ	Press the button on remote control to display the menu.
◀▶ / ▶▶	Press the button to move previous or next page in the file.
◀◀ / ▶▶	Press the button to skip the file backward or forward.
■	Press the button to stop the playback.
Playlist ☰	Use ◀▶ and press OK to select Playlist to show the playlist.
Info. ⓘ	Use ◀▶ to select Info. and press OK to show the details.

Note

- We cannot be held responsible if your USB Memory Stick is not supported, nor will we accept any liability for damage or loss of stored data.
- The USB Memory Stick is not supplied with this TV.
- The unit recognizes a USB Memory Stick only.
Do not use a USB hub and an extension cord between the USB Memory Stick and the unit.
Always connect the USB Memory Stick to this unit directly.
- A USB Memory Stick that required its own driver or the device with a special system such as fingerprint recognition are not supported.
- Be sure to keep a backup copy of the original files on your device before you play them back on this unit. We have no responsibilities for damage or loss of your stored data.
- To avoid damaging the USB Memory Stick and the unit always turn off the unit before you remove the USB Memory Stick.
- This unit is not allowed to use the USB Memory Stick which requires external power supply (500 mA or more).
- The unit can recognize up to 198 files including directories under one directory, and it can recognize the depth of directory up to 30.
- This unit may not be recognized if the length of the file names is too long. Only English characters can be recognized.
- This unit does not support MTP(Media Transfer Protocol) or the file other than FAT and FAT32 file system. If the file is not supported, an error message appears.
- When the unit does not recognize the USB Memory Stick, try reconnecting it.
- Playing the files recorded with high bit rates, the images can be interrupted in some occasions.
- This unit does not support external subtitles.
- This unit cannot play back a file which goes over the limit of file restriction.
- For USB input the maximum resolution display is 720p.

7 Upgrade your TV software

Philips continuously tries to improve its products and we strongly recommend that you upgrade the TV software when upgrades are available.

New software can be downloaded from our website at www.philips.com/support using the model number of your TV to find information.

Upgrading the software

You can upgrade the software by using USB Memory Stick.

Preparing for the software upgrade

You require the following equipment :

- A PC with web browsing capability.
- An archive utility that supports the ZIP-format (e.g. WinZip for Windows or Stuffit for Mac OS).
- An empty clean formatted USB Memory Stick.

Note

- Only FAT / DOS-formatted portable memory is supported.
- Use only software upgrades that can be found on the Philips web site.

Downloading the software

Find information and software related to your TV and download the latest software upgrade file to your PC.

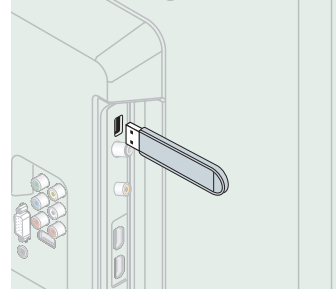
- 1 On your PC, open a web browser and go to www.philips.com/support
- 2 Enter the model number in the "Type the Model Number..." field.
- 3 Click the desired software to be downloaded.
 - Decompress the ZIP-file.
- 4 Copy the upgrade file to the root directory of the USB Memory Stick.

Starting the software upgrade

Warning

- When the software upgrade is running, don't press any buttons.
- Do not remove the USB Memory Stick during the software upgrade.
- If an error occurs during the upgrade, retry the procedure or for further assistance, please contact Call Center.

- 1 Connect your USB Memory Stick with the upgrade file to the USB terminal on the side of your TV.



- 2 Press **Home** and use **Left/Right** to select **OPTION**.
- 3 Use **Up/Down** to select **Software Update(USB)**, then press **OK**.
- 4 Read the on-screen instructions and confirm that you want to continue with the installation.
- 5 When the Software Update is completed, press **Power** to set the unit into Standby mode, then remove the USB Memory Stick and then press **Power** again to Turn the unit On.
 - The TV starts up with the new software.

For further assistance, please contact Call Center.

8 Useful tips

FAQ

Question	Answer
My remote control does not work. What should I do?	• Check the antenna or cable connection to the main unit. • Check the batteries of the remote control. • Check if there is an obstacle between the infrared sensor window and the remote control. • Test the signal Output use IR Signal Check. → p.29 If okay, then possible infrared sensor trouble. • Aim the remote control directly at the infrared sensor window on the front of the unit. • Reduce the distance to the unit. • Re-insert the batteries with their polarities (+/-) as indicated. • When there is an infrared-equipped device such as PC near this unit, it may interrupt the remote control signal of this unit. Move the infrared-equipped device away from this unit, change the angle of the infrared sensor or Turn Off the infrared communication function.
How come the Initial setup appears every time I Turn On this unit?	• Connect the RF coaxial cable to the unit directly and run the initial setup. • Make sure to complete the initial setup before the unit goes into Standby mode.
Why can I not watch some RF signal TV programs.	• Auto Tuning must be completed when you set up the unit for the first time or move it to a location where previously unavailable channels are broadcast. • Make sure Auto Tuning has been completed. → p.20 • The selected channel may not be broadcasting. • When Auto Tuning is interrupted and not completed, some channels will not be received. Make sure to complete the Auto Tuning. → p.20 • The unit requires some kind of antenna Input. An indoor antenna (Digital or VHF / UHF), an external antenna (Digital or VHF / UHF) or an RF coaxial cable from your wall Cable / Satellite set-top box needs to be plugged into the unit.
How come there is no image from the connected external devices?	• Check if the correct Input mode is selected by pressing  SOURCE and ▲ ▼. Refer to Watching channels from an external device → p.17 • Check the antenna, cable or other Input connection to the unit. • When using the Component Video connection check that the Green (Y), Blue (Pb/Cb) and Red (Pr/Cr) connectors are connected to their corresponding colored jacks on the unit.
How can I set the clock?	• There is no clock function on this unit.

Troubleshooting

If the unit does not perform properly when operated as instructed in this User Manual, **check the following Troubleshooting tips and all connections once before calling for service.**

Symptom	Remedy
No power	- Make sure the AC power cord is plugged in. - Make sure that the AC outlet supplies the proper voltage, plug another electrical appliance into the AC outlet to ensure that the AC outlet operates normally. - If a power failure occurs, unplug the AC power cord for 1 minute to allow the unit to reset itself.
Control buttons do not work.	- Press only one button at a time. Do NOT press more than one button at the same time. - Ensure that no buttons on the remote control are depressed and move freely.
Power is ON but no screen image.	- Check whether the connection of the antenna, cable receiver or satellite box is connected correctly. - Check whether all the cables to the unit are connected to the correct Output jack of your device like Blu-ray disc / DVD recorder. - Make sure that the selected Input mode is connected to the working Input jack. - Check if your computer is NOT in sleep mode when the Input mode of this unit is in PC mode. Tap any key on the keyboard to wake up your computer.
No picture or sound	- Check if the Power is on. - Check whether all the cables to the unit are connected to the correct Output jack of your device like Blu-ray / DVD recorder. - View other TV channels. The problem might be limited to the broadcasting station or weak signal strength. - Unplug the AC power cord and wait for about 1 minute, then plug the AC power cord and Turn On the unit again. - Check whether the connection of the antenna, cable receiver or satellite box is connected correctly. - Make sure that the selected Input mode is connected to the working Input jack. - Check if your computer is NOT in sleep mode when the Input mode of this unit is in PC mode. Tap any key on the keyboard to wake up your computer. - Make sure that the sound is not muted. Press MUTE so that the volume bar and current volume level will appear on the TV screen. - Make sure that the volume is NOT set to 0 or MUTE. If so, use VOL + / - to adjust to the desired volume.
No color	- View other TV channels. The problem might be limited to the broadcasting station or weak signal strength. - Adjust Color in Picture settings. → p.21
No sound, distorted sound or incorrect Audio Sound is heard when using the HDMI-DVI connections.	- Make sure that the Analog Audio signals from the HDMI-DVI device are connected to the VGA audio input(3.5mm) jack. - When using Component Analog Video, Composite Analog Video make sure that the Analog Audio (L/R) connectors are mounted into the Audio (L/R) Input jacks.
Sound OK, picture poor	- Electrical interference from nearby appliances may affect picture quality. - Adjust Contrast and Brightness in PICTURE settings. → p.21 - View other TV channels. The problem might be limited to the broadcasting station or weak signal strength. - For the best picture quality, watch High Definition wide screen programs. - If the HD content is not available, watch Standard Definition programs instead
Picture OK, sound poor	- View other TV channels. The problem might be limited to the broadcasting station or weak signal strength. - Check if the audio cable is connected into the unit correctly.
You see a distorted picture or hear an unusual sound.	- You may be getting interference from electrical appliances, automobiles, motorcycles or fluorescent lights. - Try moving the unit to another location to see if this is the cause of the problem.
Ghosts, lines or streaks in picture	- Electrical interference from nearby appliances may affect picture quality. - View other TV channels. The problem might be limited to the broadcasting station or weak signal strength.
Different color marks on the TV screen	View other TV channels. The problem might be limited to the broadcasting station, missing data or pixelation.
You switch to a different Input and the volume changes.	- This unit will memorize the volume level from the last time you adjusted it. - If the volume of the sound from another device is higher or lower, then the loudness will change. - Make sure Auto Volume is set to On. → p.22
You switch to a different Input and the screen size changes.	This unit will memorize the viewing mode from the last time you used the particular Input modes.
The display image does not cover the entire screen.	If you are watching TV or using the Composite Video, Component Video or HDMI with 480i Input, press FORMAT repeatedly to switch various screen modes



Note

- The LCD screen is manufactured to provide many years of useful life. Occasionally a few non active pixels may appear as a fixed point of blue, green or red. This is not to be considered a defect in the LCD screen.
- Some functions are not available in specific modes, but this is not a malfunction. Read the description in this User Manual for more details on correct operations.

9 Information

Glossary

Analog TV (NTSC)

Acronym that stands for National Television Systems Committee and the name of Analog broadcasting standards.

Off the air Analog TV signals are no longer being sent by major broadcasting stations in the USA.

Aspect ratio

The width of a TV screen relative to its height. Conventional TVs are 4:3 (in other words, the TV screen is almost square); widescreen models are 16:9 (the TV screen is almost twice as wide as its height).

Component Video

This is a video signal format that conveys each of 3 principal colors of light (red, blue and green) through different signal lines. This allows the viewers to experience picture colors as original as it is. There are several signal formats, including Y / Pb / Pr and Y / Cb / Cr.

HDMI (High-Definition Multimedia Interface)

Interface that supports all uncompressed, Digital Audio / Video formats including set-top box, Blu-ray / DVD recorder or Digital television, over a single cable.

HDTV (High Definition TV)

Ultimate Digital format that produces high resolution and high picture quality.

SAP (Secondary Audio Program)

Second-audio channel delivered separately from main-audio channel. This audio channel is used as an alternate in bilingual broadcasting.

SDTV (Standard Definition TV)

Standard Digital format that is similar to the Analog TV picture quality.

SRS TruSurround XT®

Creates a truly immersive surround sound experience with rich bass and clear dialog from only two speakers.

Maintenance

Cabinet Cleaning

- Wipe the front panel and other exterior surfaces of the unit with a soft cloth.
- Never use a solvent or alcohol. Do not spray insecticide liquid near the unit. Such chemicals may cause damage and discoloration to the exposed surfaces.

Panel Cleaning

Wipe the panel of the unit with a soft cloth. Before cleaning the panel, disconnect the AC power cord.

Servicing

Should your unit become inoperative, do not try to correct the problem yourself. There are no user serviceable parts inside. Call our toll free customer support line found on the cover of this User Manual to locate an authorized service center.

IR Signal Check

If the remote control is not working properly, you can use a Digital camera (including a cellular phone with built-in camera) to see if it is sending out an infrared signal.



With a Digital camera (including built-in cell phone cameras):
Point the Digital Camera towards the remote control infrared diode at the front of the remote control. Press any button on the remote control and look through the camera display. If the infrared pulsating light appears through the camera, the remote control is sending out an IR signal.

10 Specifications

Model #	50PFL3708	39PFL3708	39PFL4408
Picture			
Type	FHD (1920 × 1080 pixels 60Hz)		
Diagonal screen size / Aspect ratio	49.5"/ 16:9	38.6"/ 16:9	
Viewing angles	178° (V) by 178° (H)	176° (V) by 176° (H)	
Built-in Digital / Analog tuner	NTSC (Analog)		
Sound			
Mono / Stereo	Mono, Stereo, SRS TruSurround XT®		
Power Output (RMS watts)	10 W × 2	8 W × 2	
Ease of use			
Picture format	SD (4:3 Source) : HD (16:9 Source) : PC Source :	16:9 / 4:3 / Zoom1 / Zoom2 16:9 / 4:3 / Just Scan 16:9 / 4:3 / Dot by Dot	
Photo Slide show	JPEG, BMP, PNG files only		
Text viewing	TEXT files only		
Connectivity			
Component Video Input (Y/Pb/Pr)	1 supporting video signals : 480i/p, 720p, 1080i 60Hz		
Composite Video Input	1		
HDMI Input	3		
	supporting video signals : 480i/p, 720p, 1080i @60Hz, 1080p @24/30/60Hz PC-Input signal up to FHD (1920 × 1080)		
Audio L/R Input	1		
PC Input	via VGA, HDMI and HDMI-DVI + Analog Audio L/R		
USB	1		
Digital Audio Output	1		
Headphone Output	1 1/8 inch (3.5mm)		
Power			
Power requirements	120V~, 220-230V~ (50/60Hz)	120V~, 220-240V~ (50/60Hz)	
Temperature			
Operating temperature	41 °F (5 °C) to 104 °F (40 °C)		

- Specifications are subject to change without prior notice.

Model #	32PFL3508	32PFL4208	29PFL4508	24PFL4508
Picture				
Type	WXGA (1366 × 768 pixels 60Hz)			
Diagonal screen size / Aspect ratio	31.5"/ 16:9	31.5"/ 16:9	28.5"/ 16:9	23.6"/ 16:9
Viewing angles	178° (V) by 178° (H)		176° (V) by 176° (H)	
Built-in Digital / Analog tuner	NTSC (Analog)			
Sound				
Mono / Stereo	Mono, Stereo, SRS TruSurround XT®			
Power Output (RMS watts)	8 W × 2			5W × 2
Ease of use				
Picture format	SD (4:3 Source) : 16:9 / 4:3 / Zoom1 / Zoom2 HD (16:9 Source) : 16:9 / 4:3 / Just Scan PC Source : 16:9 / 4:3 / Dot by Dot			
Photo Slide show	JPEG, BMP, PNG files only			
Text viewing	TEXT files only			
Connectivity				
Component Video Input (Y/Pb/Pr)	1 supporting video signals : 480i/p, 720p, 1080i 60Hz			
Composite Video Input	1			
HDMI Input	3			
	supporting video signals : 480i/p, 720p, 1080i @60Hz, 1080p @24/30/60Hz PC-Input signal up to WXGA (1360 × 768)			
Audio L/R Input	1			
PC Input	via VGA, HDMI and HDMI-DVI + Analog Audio L/R			
USB	1			
Digital Audio Output	1			
Headphone Output	1 1/8 inch (3.5mm)			
Power				
Power requirements	120V~, 220-240V~ (50/60Hz)			
Temperature				
Operating temperature	41 °F (5 °C) to 104 °F (40 °C)			

- Specifications are subject to change without prior notice.



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