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EN User Manual

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ES Manual del Usuario

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

- To obtain assistance, contact Philips Customer Care Center at México D.F. and Área Metropolitana; **58 87 97 36**  
Interior de la República; **01 800 839 19 89**  
Costa Rica; **01 800 052 1564**  
Colombia; **01 800 952 0640**

**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, México D.F. y Área Metropolitana; **58 87 97 36**  
Interior de la República; **01 800 839 19 89**  
Costa Rica; **01 800 052 1564**  
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# Contents

<b>1 Notice</b>	5	<b>6 Playback Mode</b>	19
<b>2 Important</b>	6	View Photos	19
Positioning the TV	6	Listen to Music	20
Regulatory notices	6	Watch Videos	21
Environmental care	6	Read Texts	22
<b>3 Get started</b>	7	<b>7 Upgrade your TV software</b>	23
Features	7	Upgrading the software	23
Supplied accessories	7	<b>8 Connecting devices</b>	24
Symbols used in this User Manual	7	Selecting your connection quality	24
Attaching the base	8	Connecting your devices	24
Mounting the unit on your furniture	8	<b>9 Useful tips</b>	27
Installing the remote control batteries	8	FAQ	27
Remote control	9	Troubleshooting	27
Control panel	10	<b>10 Information</b>	29
Terminals	10	Glossary	29
Connecting the antenna or the cable	11	Maintenance	29
Plugging in the AC power cord	11	<b>11 Specifications</b>	30
Initial setup	12		
<b>4 Use your TV</b>	12		
Switching on your TV and putting it in standby mode	12		
Adjusting volume	12		
Switching channels	13		
Watching channels from an external device	13		
Favorite	13		
Sleep timer	14		
Switching audio mode	14		
Changing picture format	14		
<b>5 Use more of your TV</b>	15		
Displaying the main menu	15		
<b>Channel</b>	16		
Auto Tuning	16		
ATV Manual Tuning	16		
Programme Edit	16		
<b>Screen</b>	16		
<b>Picture</b>	17		
<b>Sound</b>	17		
<b>Timer</b>	18		
Sleep Timer	18		
Auto Standby	18		
OSD Timer	18		
<b>Option</b>	18		
Aspect Ratio	18		
Blue Screen	18		
Key Lock	18		
Reset	18		

**Return your Product Registration Card or visit at <http://www.productrecords.com/philips/> today to get the very most from your purchase.**

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 visit at [www.philips.com/support](http://www.philips.com/support)** to ensure:

### \*Product Safety Notification

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

### \*Additional Benefits

Registering your product guarantees that you'll receive all of the privileges to which you're entitled, including special money-saving offers.

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**

Visit our World Wide Web Site at [www.philips.com/support](http://www.philips.com/support)

## CHILD SAFETY:

It Makes A Difference How and Where You Use Your Flat Panel Display

Congratulations on your purchase!  
As you enjoy your new product,  
please keep these safety tips in mind:



### THE ISSUE

- The home theater entertainment experience is a growing trend and larger flat panel displays are popular purchases. However, flat panel displays are not always supported on the proper stands or installed according to the manufacturer's recommendations.
- Flat panel displays that are inappropriately situated on dressers, bookcases, shelves, desks, speakers, chests or carts may fall over and cause injury.

### THIS MANUFACTURER CARES!

- The consumer electronics industry is committed to making home entertainment enjoyable and safe.

### TUNE INTO SAFETY

- One size does NOT fit all. Follow the manufacturer's recommendations for the safe installation and use of your flat panel display.
- Carefully read and understand all enclosed instructions for proper use of this product.
- Do not allow children to climb on or play with furniture that the television set is sitting on or mounted to.
- Don't place flat panel displays on furniture that can easily be used as steps, such as a chest of drawers.
- Remember that children can become excited while watching a program, especially on a "larger than life" flat panel display. Care should be taken to place or install the display where it cannot be pushed, pulled over, or knocked down.
- Care should be taken to route all cords and cables connected to the flat panel display so that they cannot be pulled or grabbed by curious children.

### WALL MOUNTING: IF YOU DECIDE TO WALL MOUNT YOUR FLAT PANEL DISPLAY, ALWAYS:

- Use a mount that has been recommended by the display manufacturer and/or listed by an independent laboratory (such as UL, CSA, ETL).
- Follow all instructions supplied by the display and wall mount manufacturers.
- If you have any doubts about your ability to safely install your flat panel display, contact your retailer about professional installation.
- Make sure that the wall where you are mounting the display is appropriate. Some wall mounts are not designed to be mounted to walls with steel studs or old cinder block construction. If you are unsure, contact a professional installer.
- A minimum of two people are required for installation. Flat panel displays can be heavy.

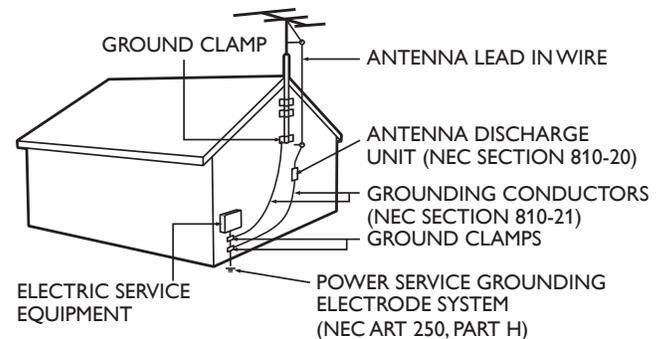
# Important Safety Instructions

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.

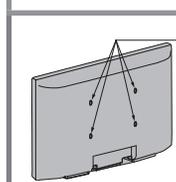
## Example of Antenna Grounding as per NEC – National Electric Code



## Wall Mount Bracket Kit

Brand: SANUS

	Model #	Screw dimension
32PFL2507	VM200s	M4 x 0.472" (12mm)



**Do NOT use screws packed with Wall Mount Bracket Kit**

You need to purchase screws separately with dimensions described above.

- 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 User 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 User Manual, any adjustments or assembly procedures not recommended or authorized in this User 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.

## Declaration of Conformity

**Trade Name:** PHILIPS  
**Responsible Party:** P&F Mexicana, S.A. de C.V.  
**Model:** 32PFL2507  
**Address:** Av. La Palma No. 6, Col. San Fernando La Herradura, Huixquilucan Edo. de México C.P. 52787  
**Telephone Number:** 52 (55) 52 69 90 00

## Modifications

This apparatus may generate or use radio frequency energy. Changes or modifications to this apparatus may cause harmful interference unless the modifications are expressly approved in the User Manual. The user could lose the authority to operate this apparatus if an unauthorized change or modification is made.

## 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.

## 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.

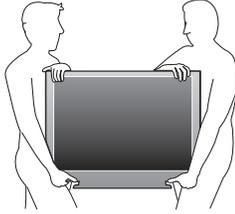
Portions of this software are copyright © The FreeType Project ([www.freetype.org](http://www.freetype.org)).

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.



### 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](http://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.

### 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  $\odot$  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.

## 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 from the antenna terminal 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**
- **PLL frequency synthesized tuning**  
Provides free and easy channel selection and lets you tune directly to any channel using the number buttons on the remote control.
- **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, video, music and text files stored on a USB Memory Stick can be played back on this unit.
- **Digital Audio Output**
- **Headphone Audio Output**

### Supplied accessories

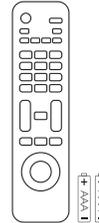
User Manual



Quick Start guide



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



TV base and screws



Screws packed with this unit:

Model	Quantity	Size
32PFL2507	3	M4 x 14
	1*	5.1 x 20

\* 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.

### Symbols used in this User Manual

The following is the description for the symbols used in this User Manual. Description refers to:

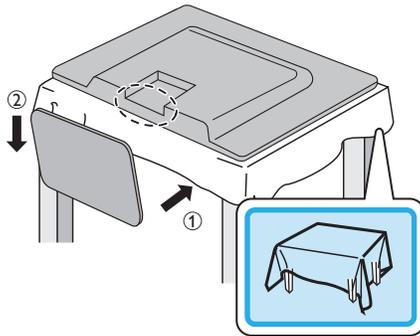
#### Analog/Cable TV operation

- If neither symbol appears, the operation is applicable to both.

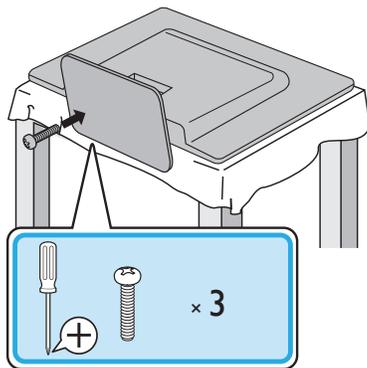
## Attaching the base

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.

1



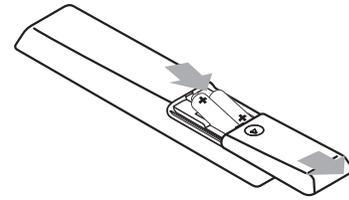
2



### 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.

## 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.

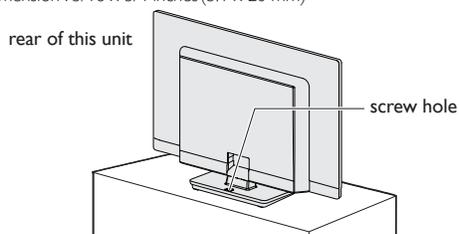
### Note

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

## Mounting the unit on your furniture

To prevent injury, this television must be securely attached to a TV stand or furniture in accordance with the instructions. Screw this television on your TV stand or furniture using supplied screw in the hole at the back of the base as shown below.

- Screw dimension : 3/16 x 3/4 inches (5.1 x 20 mm)



### Note

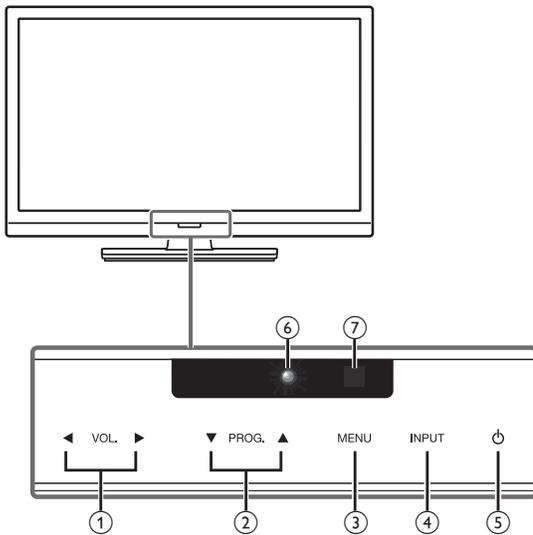
- When you remove this unit make sure to unscrew the wood screw from your Wood Stand, Furniture and other wood item.

## Remote control



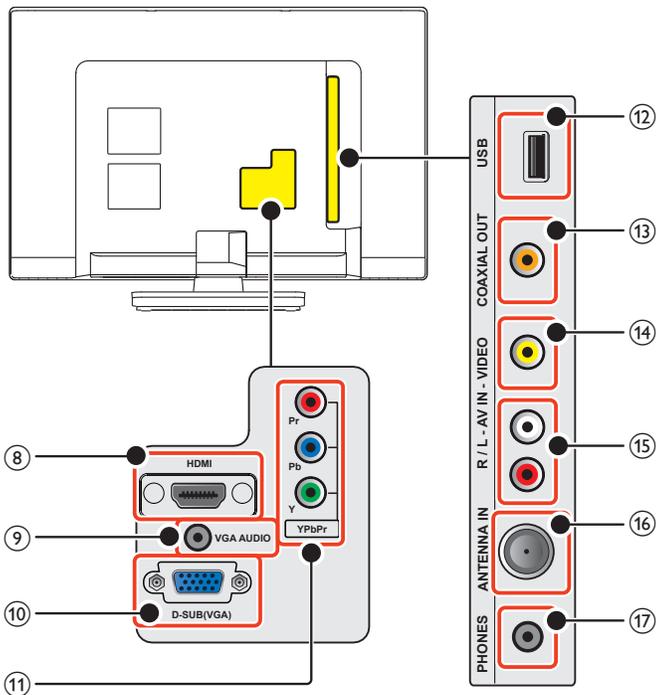
- ① **⏻ (POWER/STANDBY)**  
Press to turn the unit On and go into Standby mode. To completely Turn Off the unit, you must unplug the AC power cord.
- ② **P MODE**
- ③ **S MODE**
- ④ **FAV - / FAV +**
- ⑤ **0-9 (NUMBER buttons)**  
Press to select channels.
- ⑥ **AUDIO**
- ⑦ **▲ +/-**  
Press to adjust the volume.
- ⑧ **🔇 (MUTE)**  
Press to turn the sound On and Off.
- ⑨ **EXIT**  
Press to exit the previous menu operation.
- ⑩ **OK**  
Press to decide the command of setting when the main menu is displayed.
- ⑪ **▲ ▼ ◀ ▶ (NAVIGATION buttons)**  
Press to move left / right / up / down through the items.
- ⑫ **INPUT**  
Toggle and select connected devices.
- ⑬ **SLEEP**  
Press to activate the sleep timer.
- ⑭ **ASPECT**
- ⑮ **⏮ / ⏭** Press to skip backward or forward chapters, titles or tracks on a disc.  
**⏪ / ⏩** Press to search backward or forward through the (BACKWARD/ FORWARD) disc.  
**■ (STOP)** Press to stop the disc playback.
- ▶▶** Press to begin or restart the disc playback.  
**⏸ (PLAY/PAUSE)** Press to pause the disc playback.
- ⑯ **FAV**
- ⑰ **P +/-**  
Press to select channels.
- ⑱ **COLOR (RED/GREEN/YELLOW/BLUE) buttons**  
Functionally useful for program edit.
- ⑲ **DISPLAY**  
Displays information about the TV channel or accessory device.
- ⑳ **MENU**  
Press to display the main menu.

## Control panel



- ① **VOL. ◀/▶**  
Touch to adjust volume down (◀)/up (▶) or to move left (◀)/right (▶) when selecting menu items.
- ② **PROG. ▲/▼**  
Touch to select channels or to move up (▲)/down (▼) when selecting menu items.
- ③ **MENU**  
Touch to display the main menu.
- ④ **INPUT**  
Touch to select the connected devices.
- ⑤ **⏻ (POWER / STANDBY)**  
Touch ⏻ to Turn the unit On and go into Standby mode. To completely Turn Off the unit, you must unplug the AC power cord.
- ⑥ **Power On indicator**  
Light up red when the unit is turned to Standby and Off when the unit is turned On.
- ⑦ **Infrared sensor**  
Receives IR signals from remote control.

## Terminals



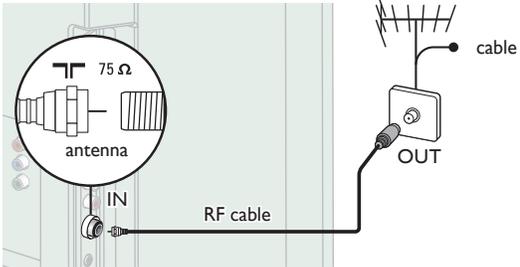
- ⑧ **HDMI Input jack**  
Digital audio and video Input from high definition Digital devices such as Blu-ray disc players, cable boxes and satellite set-top boxes.
- ⑨ **VGA Audio cable connection for PC and HDMI-DVI**
- ⑩ **VGA cable connection for PC**
- ⑪ **Component Video (Y/Pb/Pr) Input jacks for VIDEO**
- ⑫ **USB terminal**  
Data Input from USB Memory Stick only. Do not connect any device to this terminal such as; Digital camera, keyboard, mouse, etc.
- ⑬ **Digital audio (S/PDIF) Output to home theaters and other Digital Audio systems**
- ⑭ **Composite Video Input jack for VIDEO**
- ⑮ **Analog Audio (L/R) Input jacks**  
Connect Analog Audio signals from;  
- Component Video / Analog Audio (L/R) jacks signal  
- Composite Video / Analog Audio (L/R) jacks signal
- ⑯ **75 ohm Cable/Antenna connection**  
Signal Input from an antenna, cable or satellite.
- ⑰ **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.

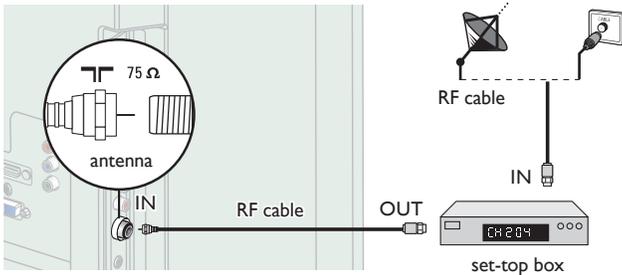
### If you connect to an antenna through RF cable

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



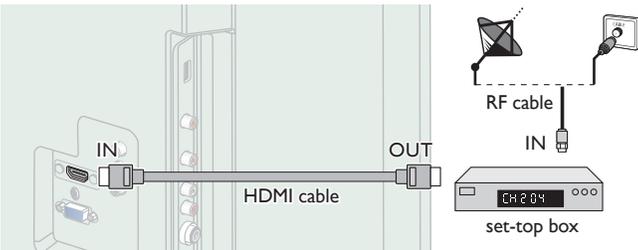
### If you connect a set-top box through RF cable

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



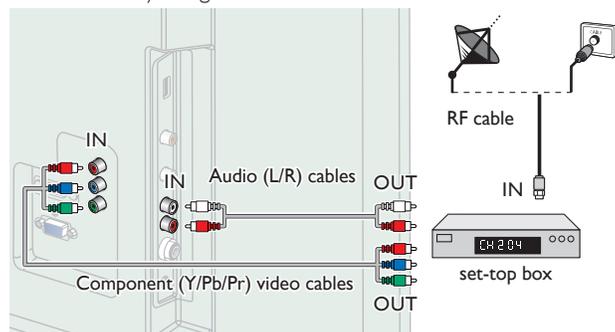
### If you connect a set-top box through HDMI

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



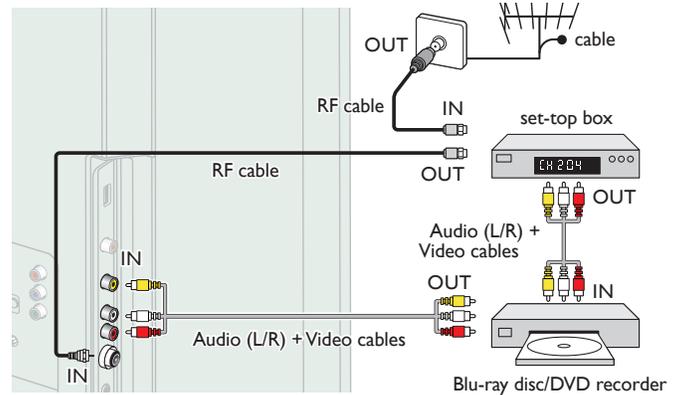
### If you connect a set-top box through Component Video Input

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



## 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

- 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.
- 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.

## 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.

### Note

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

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

## 4 Use your TV

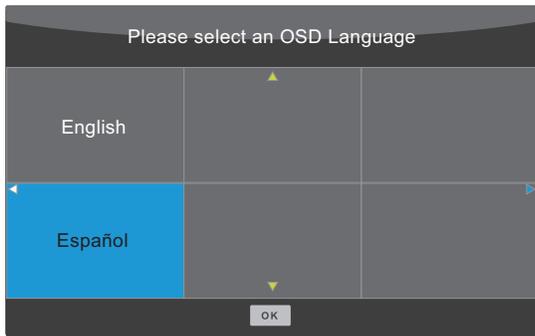
### Initial setup

This section will guide you through the unit's initial setting which includes selecting a language for your on-screen menu and auto tuning, which automatically scans and memorizes viewable channels.

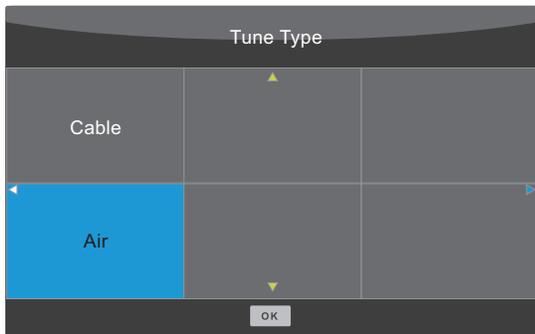
#### Before you begin:

Make sure the unit is connected to antenna or cable.

- 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.
  - Initial setup menu appears automatically after the unit is Turned On.
- Use   to select the on-screen language from the choices (**English / Español**), then press **OK**.

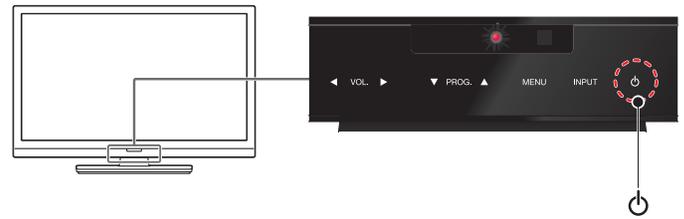


- Use   to select **Air** or **Cable**, and press **OK** to start tuning to setup channels.



- 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.
- When the scanning and memorizing are completed, the lowest memorized channel will be displayed.
- If you press **MENU** during the scanning, this operation will be stopped and a confirmation display will appear; then you can cancel scanning.

### Switching on your TV and putting it in standby mode



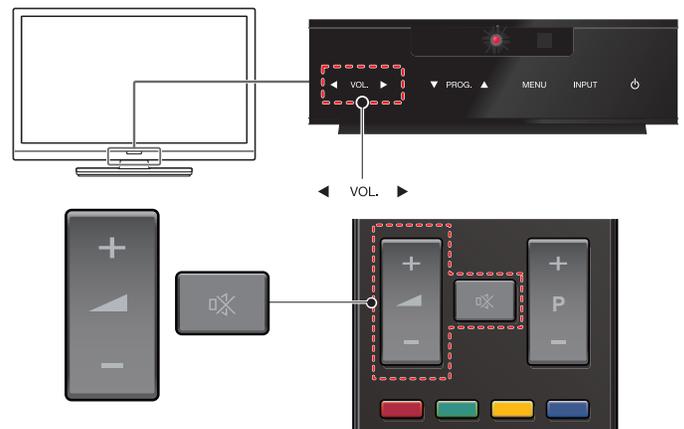
#### To Turn Power On or to Turn Standby On

- Touch or press  on the 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



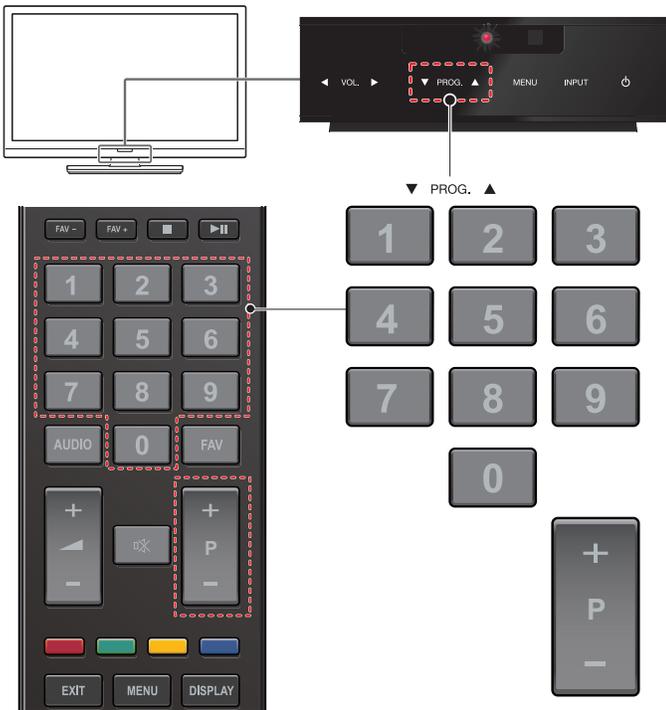
#### To increase or decrease volume

- Touch **VOL.**  (down) /  (up) on the front panel or press  on the remote control.

#### To mute or unmute sound

- Press  on the remote control to mute the sound.
- Press  again or  to recover the original sound.

## Switching channels



To select Channels by using PROG. ▲/▼ or P +/-

- Touch **PROG. ▲** (up)/ **▼** (down) on the front panel or press **P +/-** on the remote control.

To select Channels by using the NUMBER buttons

### Analog/Cable TV operation

– When selecting cable or Analog channel 11



### 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.

## Watching channels from an external device

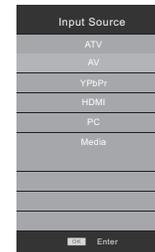
Switching Each Input Mode can easily switch with the remote control between TV and external devices when they are connected to the unit.

- 1 Turn On a set-top box or the connected device.
  - The picture from your set-top box or the connected device might appear automatically on the TV screen.

*If the picture does not appear*



Press **INPUT** repeatedly or use **▲▼** to select the input mode you want, then press **OK**.



## Favorite

You can easily locate 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

- Use **FAV +/-** to select the favorite channel while watching a program.
- Use **P +/-** to move to the previous or next page.
- You can set favorite channel at **Programme Edit**.
- 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.

## 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 (increases the time by 10 minutes up to 240 minutes).

- To cancel sleep timer; press **SLEEP** repeatedly until **Off** is displayed.
- If the unit goes into standby mode, the sleep timer will be cancelled.

## Switching audio mode



### Analog/Cable TV operation

- 1 Press **AUDIO** to display the currently selected audio mode.
- 2 While receiving an MTS broadcast, press **AUDIO** repeatedly to cycle through the available audio channels.

## Changing picture format

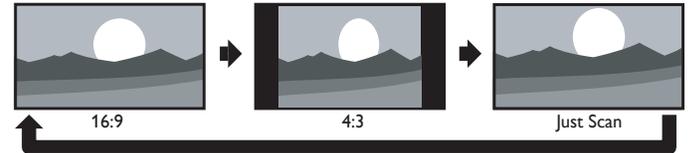
Display modes can be selected when your TV receives a 16:9 or 4:3 video signal.

Two types of display modes can be selected for a PC Input signal.

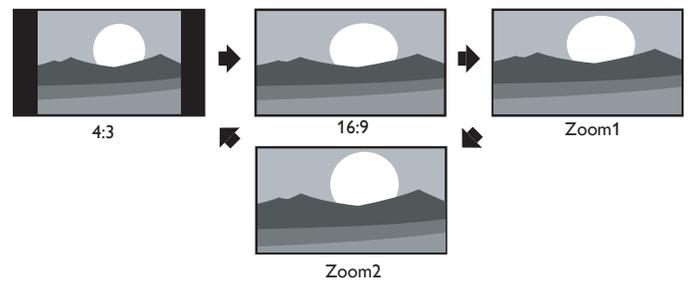
Press **ASPECT** repeatedly to switch the TV aspect ratio.



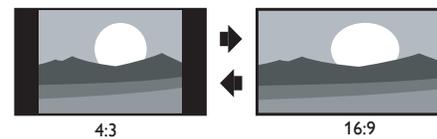
### For 16:9 video signal



### For 4:3 video signal



### For PC Input signal



- You cannot set screen display mode in playback mode.

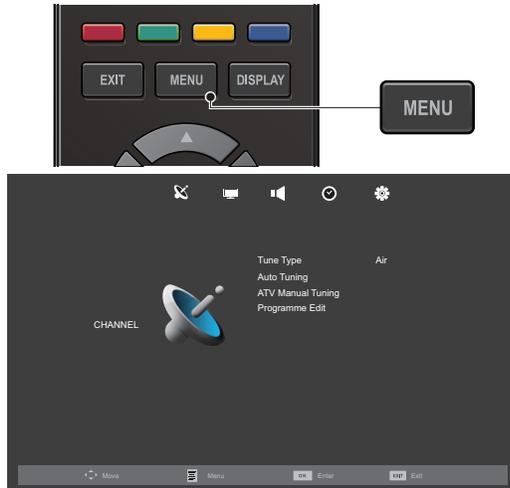
## 5 Use more of your TV

This section describes the overview of the main menu displayed when you press **MENU**.

The main menu consists of the function setting items below.

### Displaying the main menu

- 1 Press **MENU** to display the main menu.



- 2 Use **◀▶** to select the desired menu and an item, then press **OK** or use **▲▼◀▶** to determine the setting.

Channel

▶▶▶▶▶ p.16

Adjusting the channel settings.

Screen

▶▶▶▶▶ p.16

Adjusting the screen settings in PC mode.

Picture

▶▶▶▶▶ p.17

Adjusting the picture mode or customize the picture quality as your preference.

Sound

▶▶▶▶▶ p.17

Adjusting the sound mode, equalizer and some other sound functions.

Timer

▶▶▶▶▶ p.18

Adjusting the timer settings.

Option

▶▶▶▶▶ p.18

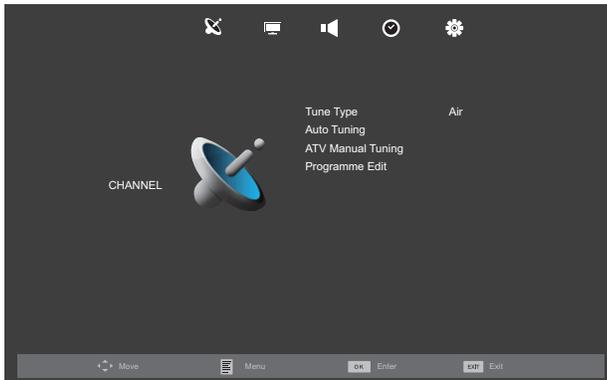
Adjusting the other settings.

- 3 When the setting is completed, press **MENU** or **EXIT** to exit.

## Channel

### Auto Tuning

- 1 Press **MENU** and use **◀▶** to select **⌘** (CHANNEL).



- 2 Use **▲▼** to select **Tune Type**, then press **OK**.
  - 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.
- 3 Use **▲▼** to select **Auto Tuning**, then press **OK** to start scanning.
  - When the scanning and memorizing are completed, the lowest memorized channel will be displayed.
  - If you press **MENU** during the scanning, this operation will be stopped and a confirmation display will appear, then you can cancel scanning.

### ATV Manual Tuning

You can search channels manually in your area.

- 1 Press **MENU** 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.

## Programme Edit

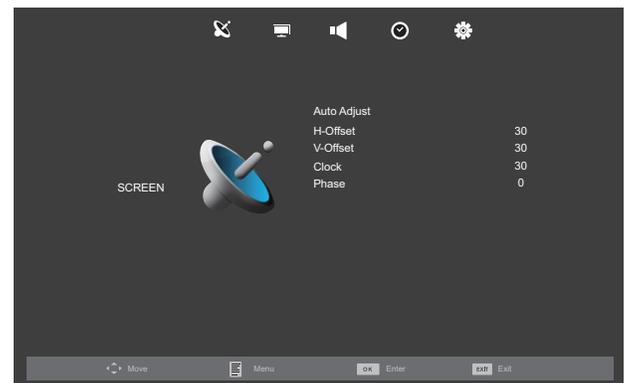
You can edit the programme settings.

- 1 Press **MENU** and use **◀▶** to select **⌘** (CHANNEL).
- 2 Use **▲▼** to select **Programme Edit**, then press **OK** to enter Programme Edit list.
  - Delete** : Press **RED** to delete the current channel.
  - Rename** : Press **GREEN** and use **▲▼◀▶** to change the current channel name.
  - Move** : Press **YELLOW** and use **▲ / ▼** to move the current channel.
  - Skip** : Press **BLUE** to skip the current channel.
  - Fav** : Press **FAV** to register the current channel.

## Screen

You can change the screen settings automatically.

- 1 Press **MENU** 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	decrease setting value	increase setting value

## Picture

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

- 1 Press **MENU** and use **◀▶** to select **📺 (PICTURE)**.



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

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

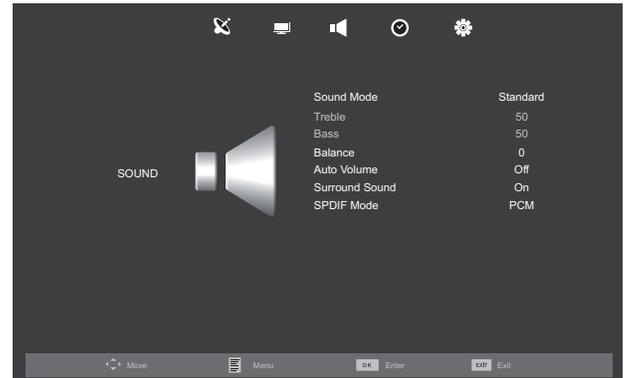
### Note

- 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 **MENU** and use **◀▶** to select **🔊 (SOUND)**.



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

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

### Note

- You can change **Sound Mode** easily using **S MODE** on the Remote Control. Press **S MODE** repeatedly to select the sound mode you want.
- 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

### 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 **MENU** 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**.

### OSD Timer

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

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

## Option

### Aspect Ratio

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

- 1 Press **MENU** 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**.
  - Available options are: **4:3, 16:9, Zoom1, Zoom2** and **Just Scan**.

### Blue Screen

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

- 1 Press **MENU** 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 **MENU** 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 **MENU** and use **◀▶** to select **⚙️ (OPTION)**.
- 2 Use **▲▼** to select **Reset**, then press **OK**.
- 3 Press **◀** to select **Yes** to reset the current settings.
  - Channel setting has no change before and after reset.

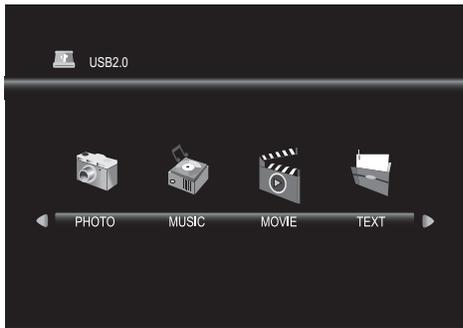
## 6 Playback Mode

Your TV is fitted with a USB connection that enables you to view photos, watch video, listen to music and reading text files stored on a USB Memory Stick.

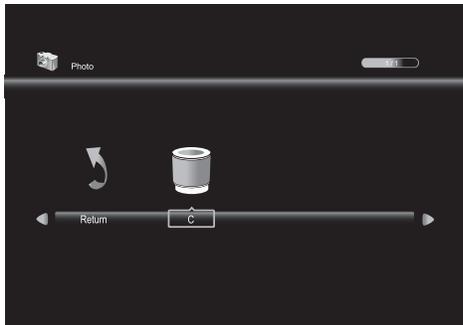
- 1 Connect the USB Memory Stick to the USB terminal on the side of your TV.
- 2 Press **INPUT** to display the input mode and use **▲▼** to select **Media**, and then press **OK**.
  - If you want to exit this mode, select any other input mode.

### View Photos

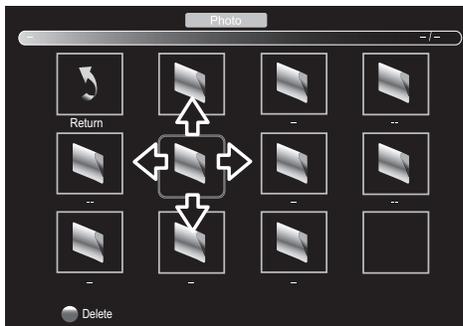
- 3 Use **◀▶** to select **PHOTO** and press **OK** to enter:



- 4 Use **◀▶** to select **C** and press **OK** to enter your file.



- 5 Use **▲▼◀▶** to select the desired file, then press **OK**.



- 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.
- If you put audio files into same folder of picture files, you can play music during the slideshow.

### Operation in Slideshow

Press **OK** or **DISPLAY** to display the menu.

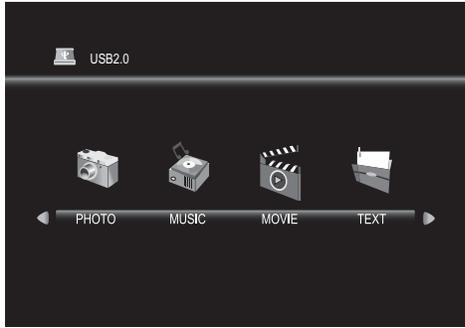
<b>▶▶▶</b>	Press to play or pause the slideshow.
<b>◀◀/▶▶▶</b>	Press to skip the file backward or forward.
<b>■</b>	Press to stop the slideshow.
<b>Repeat</b>	Use <b>◀▶</b> and press <b>OK</b> to select the repeat mode; <b>Repeat None</b> , <b>Repeat 1</b> or <b>Repeat All</b> in order.
<b>Music</b>	Use <b>◀▶</b> to select <b>Music</b> and press <b>OK</b> to play, then the music file in the same folder play automatically.
<b>Playlist</b>	Use <b>◀▶</b> and press <b>OK</b> to select <b>Playlist</b> to show the playlist.
<b>Info.</b>	Use <b>◀▶</b> and press <b>OK</b> to select <b>Info.</b> to show the details.
<b>Rotate</b>	Use <b>◀▶</b> to select right-handed or left-handed rotate and press <b>OK</b> to turn the picture by 90 degrees.
<b>Zoom In</b>	Use <b>◀▶</b> to select <b>Zoom In</b> and press <b>OK</b> to zoom in the display.
<b>Zoom Out</b>	Use <b>◀▶</b> to select <b>Zoom Out</b> and press <b>OK</b> to zoom out the display.
<b>Move View</b>	Use <b>◀▶</b> and press <b>OK</b> to select <b>MoveView</b> to move viewing location during zoom in the display.

- The files recorded under the following specifications are required.

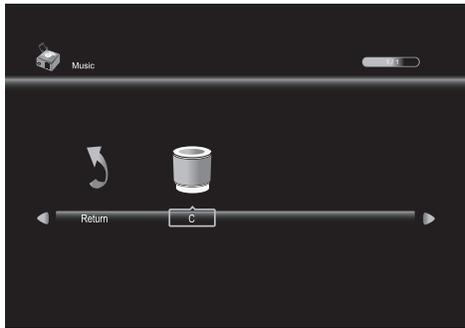
File Ext.	Code c	Remark
.jpg/.jpeg	Progressive Jpeg	Max Resolution: 1024 x 768
	Baseline Jpeg	Max Resolution: 15360 x 8640
.bmp	-	Max Resolution: 9600 x 6400 Pixel Depth: 1/4/8/16/24/32 bpp
.png	Non-interlaced	Max Resolution: 9600 x 6400
	Interlaced	Max Resolution: 1200 x 800

## Listen to Music

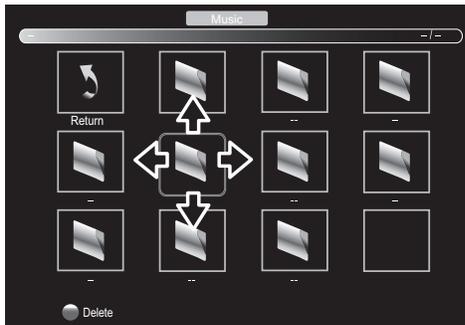
- 3 Use ◀▶ to select **MUSIC** and press **OK** to enter.



- 4 Use ◀▶ to select **C** and press **OK** to enter your file.



- 5 Use ▲▼◀▶ to select the desired file, then press **OK**.



- 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

Press **OK** or **DISPLAY** to display the menu.

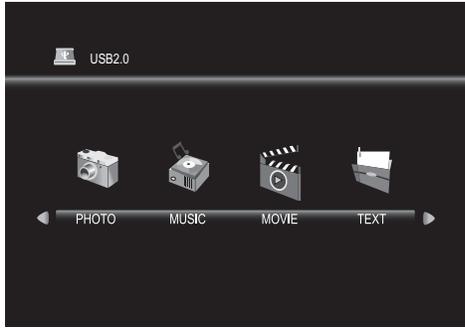
▶	Press to play or pause the music playback.
◀◀/▶▶	Press to rewind or fast-forward the music playback.
◀◀/▶▶	Press to skip backward or forward a music file.
■	Press to stop the music playback.
Repeat	Use ◀▶ and press <b>OK</b> to select the repeat mode; <b>Repeat None</b> , <b>Repeat 1</b> or <b>Repeat All</b> in order.
MUTE	Use ◀▶ and press <b>OK</b> to select <b>MUTE</b> to mute.
Playlist	Use ◀▶ and press <b>OK</b> to select <b>Playlist</b> to show the playlist.
Info.	Use ◀▶ and press <b>OK</b> to select <b>Info.</b> to show the details.
Goto Ti..	Use ◀▶ and press <b>OK</b> to select <b>Goto Ti..</b> to move the time you want in the playback.

- The files recorded under the following specifications are required.

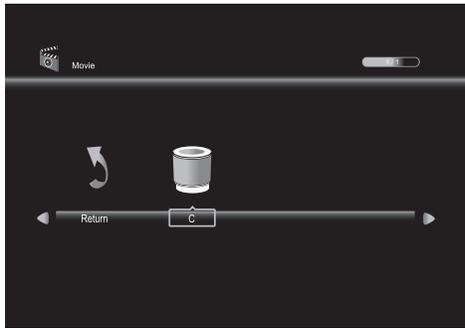
File Ext.	AUDIO Code c	Remark
.mp3	MP3	Sample rate : 32k ~ 48kHz Bit rate : 32k ~ 320kbps Channel: Mono / Stereo

## Watch Videos

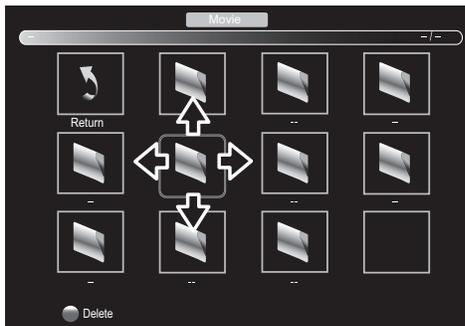
- 3 Use ◀▶ to select **MOVIE** and press **OK** to enter.



- 4 Use ◀▶ to select **C** and press **OK** to enter your file.



- 5 Use ▲▼◀▶ to select the desired file, then press **OK**.



- 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

Press **OK** or **DISPLAY** to display the menu.

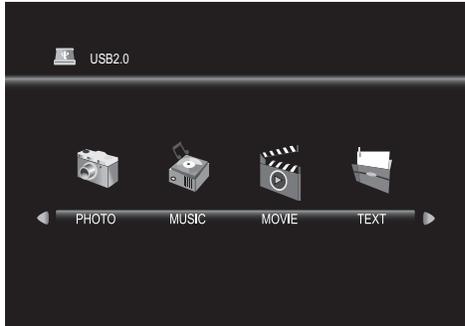
▶	Press to play or pause the video playback.
◀◀/▶▶	Press to rewind or fast-forward the video playback.
◀◀/▶▶	Press to skip backward or forward a video file.
■	Press to stop the video playback.
Repeat	Use ◀▶ and press <b>OK</b> to select the repeat mode; <b>Repeat None</b> , <b>Repeat 1</b> or <b>Repeat All</b> in order.
A-B Repeat	Use ◀▶ and press <b>OK</b> to select the limited repeat mode; <b>Set A</b> , <b>Set B</b> or <b>None</b> in order.
Playlist	Use ◀▶ and press <b>OK</b> to select <b>Playlist</b> to show the playlist.
Info.	Use ◀▶ and press <b>OK</b> to select <b>Info.</b> to show the details.
Slow F..	Use ◀▶ and press <b>OK</b> to select <b>Slow F.</b> to play slow.
Step Fo..	Use ◀▶ and press <b>OK</b> to select <b>Step Fo.</b> to play frame-by-frame playback.
Goto Ti..	Use ◀▶ and press <b>OK</b> to select <b>Goto Ti.</b> to move the time you want in the playback.

- The files recorded under the following specifications are required.

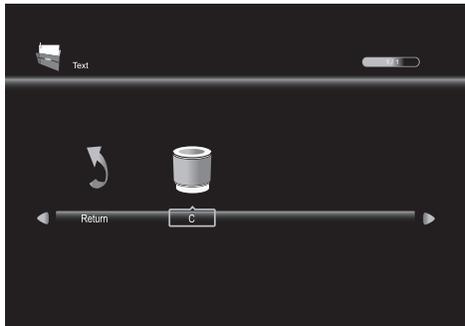
File Ext.	VIDEO Code c	AUDIO Code c	Remark
.avi	Xvid only (DivX unsupported)	PCM/ MP2/ MP3	Max Resolution and Frame Rate 720p @30 fps Max Data Rate : 20Mbps
.mkv/ .mov	MPEG-4		
.mpeg	MPEG-1 MPEG-2		
.dat	MPEG-1	MP2	Max Resolution and Frame Rate 352 x 288 Max Data Rate : 20Mbps
.vob	MPEG-2		Max Resolution and Frame Rate 720 x 576 Max Data Rate : 20Mbps

## Read Texts

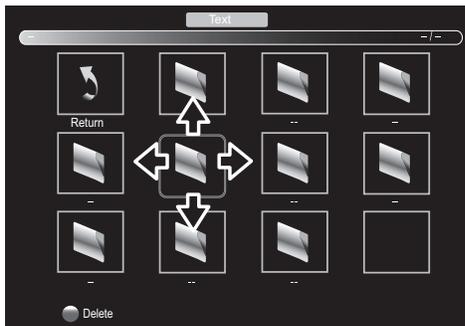
- 3 Use ◀▶ to select **TEXT** and press **OK** to enter.



- 4 Use ◀▶ to select **C** and press **OK** to enter your file.



- 5 Use ▲▼◀▶ to select the desired file, then press **OK**.



- 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.
- If you put audio files into same folder of text files, you can play music during the playback.

## Operation in Playback

Press **OK** or **DISPLAY** to display the menu.

▶	Press to play or pause the playback.
◀/▶▶	Press to move previous or next page in the file.
◀◀/▶▶▶	Press to skip the file backward or forward.
■	Press to stop the playback.
Music	Use ◀▶ and press <b>OK</b> to select <b>Music</b> , then the music file in the same folder play automatically.
Playlist	Use ◀▶ and press <b>OK</b> to select <b>Playlist</b> to show the playlist.
Info.	Use ◀▶ and press <b>OK</b> to select <b>Info.</b> 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 Update 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](http://www.philips.com/support) using the model number of your TV to find information.

## Updating the software

You can update the software by using USB Memory Stick.

### Preparing for the software update

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 FAT32/FAT16-formatted portable memory is supported.
- Use only software updates that can be found on the Philips web site.

#### Warning

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

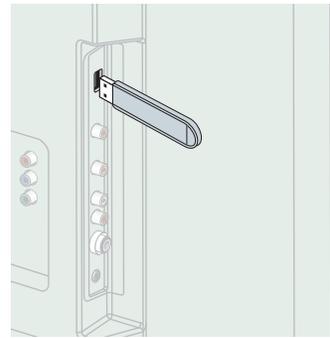
### Downloading the software

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

- 1 On your PC, open a web browser and go to [www.philips.com/support](http://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 update file to the root directory of the USB Memory Stick.

### Starting the software update

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



- 2 Press MENU and use ◀▶ to select  (OPTION).



- 3 Use ▲▼ to select **Software Update(USB)**, then press OK.
- 4 When the software update is completed, the unit will automatically turn OFF and ON again, then remove the USB Memory Stick.
  - The TV starts up with the new software.
  - For further assistance, please contact Call Center.

## 8 Connecting devices

*No supplied cables are used with these connections:*

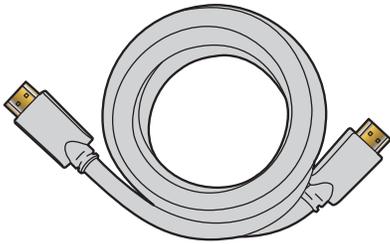
- Please purchase the necessary cables at your local store.

**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

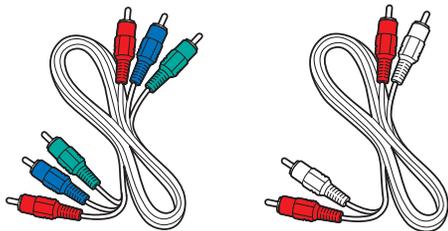


Supports high-definition Digital signals and gives highest picture and sound quality. Video and audio signals are combined in one cable. You must use HDMI for full high-definition video.

#### Note

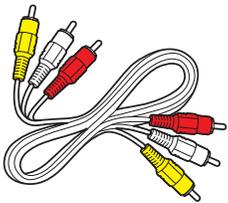
- Philips HDMI supports HDCP (High-bandwidth Digital Contents Protection). HDCP is a form of Digital Rights Management that protects high definition content in Blu-ray discs or DVDs.

#### 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

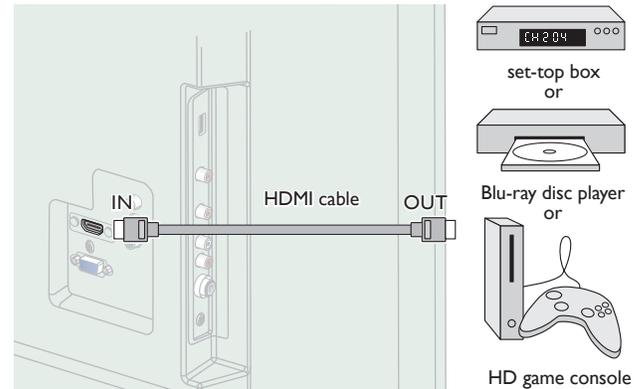


For analog connections. Composite Video/Audio Analog cable usually combine a yellow video cable with red/white audio (L/R) cables.

## Connecting your devices

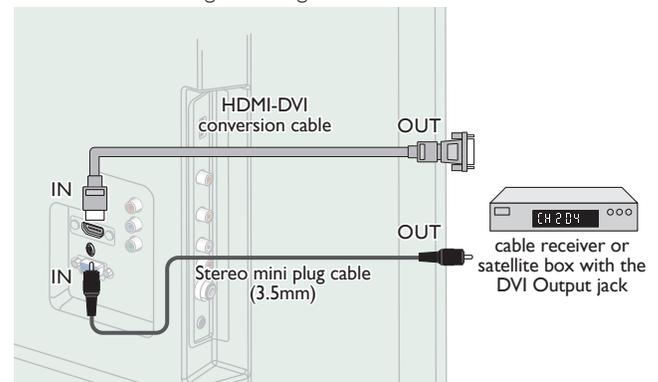
### HDMI Digital connection

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 / 576i / 576p / 720p / 1080i / 1080p @ 24/30/50/60Hz of video signals.

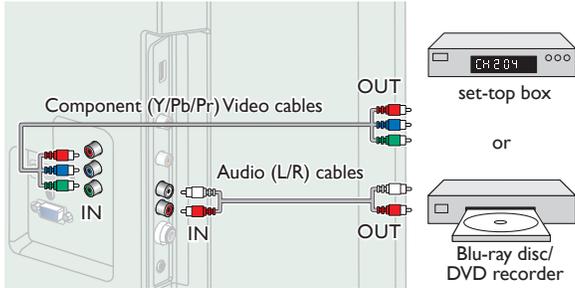
#### For HDMI-DVI connection

- The unit accepts 480i, 480p, 576i, 576p, 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.

## 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.



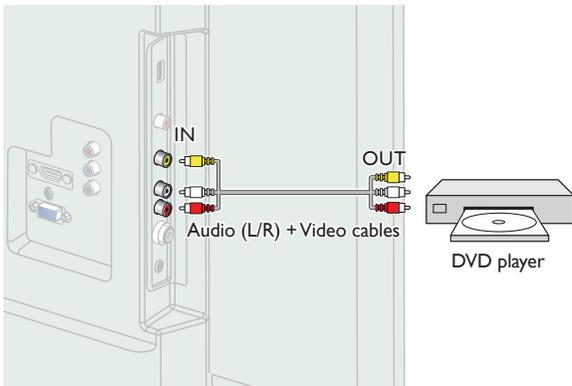
### Note

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

## Composite Analog Video Connection

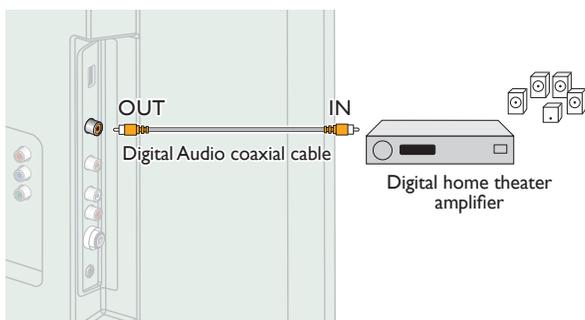
Composite Analog Video connection offers standard picture quality for video devices connected to the unit.

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



## Digital Audio Output Connection

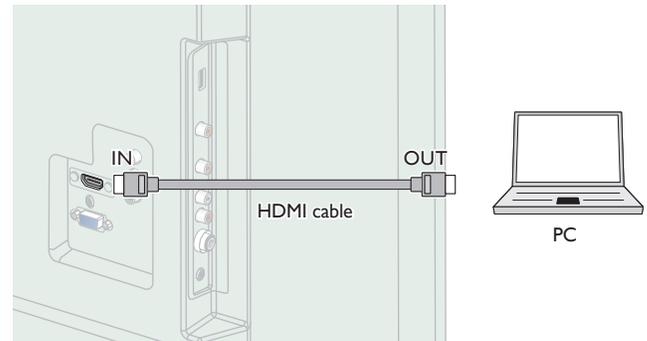
Use a Digital Audio coaxial cable to connect the unit to external Digital Audio devices.



## PC connection

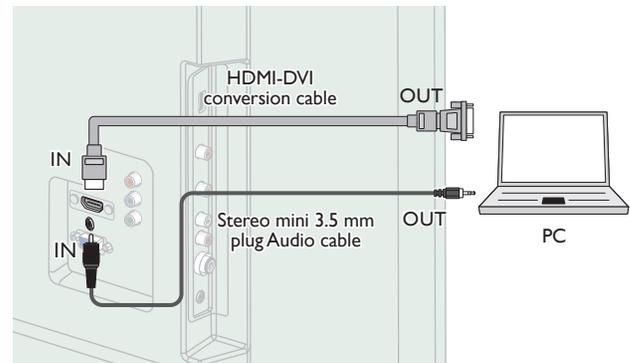
### HDMI connection

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



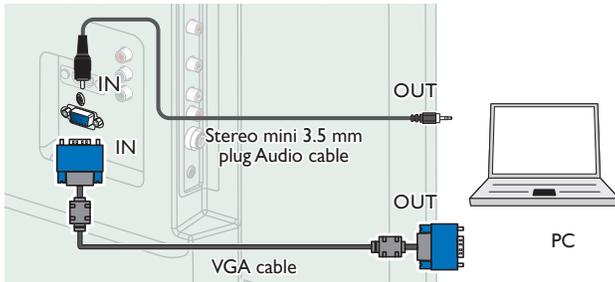
### HDMI-DVI connection

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	

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

### Note

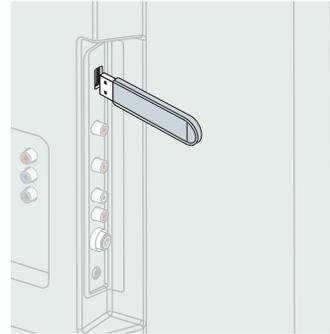
- Please purchase the VGA cable or HDMI-DVI conversion cable that has a ferrite core.
- The following operations may reduce noise.
  - Attach a ferrite core to the AC power cord of your PC.
  - Unplug the AC power cord and use the built-in battery of your PC.
- Use an HDMI cable with the HDMI logo (a 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.

## USB Memory Stick

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

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

Playback Mode p.19



### Note

- The unit recognizes only a USB Memory Stick.
- Do not use a USB hub or an extension cable to connect an external hard disk 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).

## 9 Useful tips

### FAQ

Question	Answer
My remote control does not work. What should I do?	<ul style="list-style-type: none"> <li>• Check the antenna or cable connection to the main unit.</li> <li>• Check the batteries of the remote control.</li> <li>• Check if there is an obstacle between the infrared sensor window and the remote control.</li> <li>• Test the signal Output use <b>IR Signal Check</b>. ■■■▶ p.29 If okay, then possible infrared sensor trouble.</li> <li>• Aim the remote control directly at the infrared sensor window on the front of the unit.</li> <li>• Reduce the distance to the unit.</li> <li>• Re-insert the batteries with their polarities (+/-) as indicated.</li> <li>• 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.</li> </ul>
How come the Initial setup appears every time I Turn On this unit?	<ul style="list-style-type: none"> <li>• Connect the RF coaxial cable to the unit directly and run the initial setup.</li> <li>• Make sure to complete the initial setup before the unit goes into Standby mode.</li> </ul>
Why can I not watch some RF signal TV programs.	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Make sure <b>Auto Tuning</b> has been completed. ■■■▶ p.16</li> <li>• The selected channel may not be broadcasting.</li> <li>• When <b>Auto Tuning</b> is interrupted and not completed, some channels will not be received. Make sure to complete the Auto Tuning. ■■■▶ p.16</li> <li>• The unit requires some kind of antenna Input. An indoor antenna (VHF/UHF), an external antenna (VHF/UHF) or an RF coaxial cable from your wall cable/satellite box needs to be plugged into the unit.</li> </ul>
How come there is no image from the connected external devices?	<ul style="list-style-type: none"> <li>• Check if the correct Input mode is selected by pressing <b>INPUT</b> or using <b>P +/-</b>. Refer to <b>Watching channels from an external device</b>. ■■■▶ p.13</li> <li>• Check the antenna, cable or other Input connection to the unit.</li> <li>• 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.</li> </ul>
How can I set the clock ?	<ul style="list-style-type: none"> <li>• There is no clock function on this unit.</li> </ul>

### Troubleshooting

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

Symptom	Remedy
No power	<ul style="list-style-type: none"> <li>• Make sure the AC power cord is plugged in.</li> <li>• 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.</li> <li>• If a power failure occurs, unplug the AC power cord for 1 minute to allow the unit to reset itself.</li> </ul>
Control buttons do not work.	<ul style="list-style-type: none"> <li>• Press only one button at a time. Do NOT press more than one button at the same time.</li> <li>• Ensure that no buttons on the remote control are depressed and move freely.</li> </ul>
Power is ON but no screen image.	<ul style="list-style-type: none"> <li>• Check whether the connection of the antenna, cable receiver or satellite box is connected correctly.</li> <li>• Check whether all the cables to the unit are connected to the correct Output jack of your device like Blu-ray disc/DVD recorder.</li> <li>• Make sure that the selected Input mode is connected to the working Input jack.</li> <li>• 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.</li> </ul>

*Continued on next page.*

Symptom	Remedy
No picture or sound	<ul style="list-style-type: none"> <li>• Check if the Power is on.</li> <li>• Check whether all the cables to the unit are connected to the correct Output jack of your device like Blu-ray/DVD recorder.</li> <li>• View other TV channels. The problem might be limited to the broadcasting station or weak signal strength.</li> <li>• Unplug the AC power cord and wait for about 1 minute, then plug the AC power cord and Turn On the unit again.</li> <li>• Check whether the connection of the antenna, cable receiver or satellite box is connected correctly.</li> <li>• Make sure that the selected Input mode is connected to the working Input jack.</li> <li>• 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.</li> <li>• Make sure that the sound is not muted. Press  so that the volume bar and current volume level will appear on the TV screen.</li> <li>• Make sure that the volume is NOT set to 0 or . If so, use  +/- to adjust to the desired volume.</li> </ul>
No color	<ul style="list-style-type: none"> <li>• View other TV channels. The problem might be limited to the broadcasting station or weak signal strength.</li> <li>• Adjust <b>Color</b> in <b>Picture</b> settings.  <b>p.17</b></li> </ul>
No sound, distorted sound or incorrect Audio Sound is heard when using the HDMI-DVI connections.	<ul style="list-style-type: none"> <li>• Make sure that the Analog Audio signals from the HDMI-DVI device are connected to the VGA audio input(3.5mm) jack.</li> <li>• 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.</li> </ul>
Sound OK, picture poor	<ul style="list-style-type: none"> <li>• Electrical interference from nearby appliances may affect picture quality.</li> <li>• Adjust <b>Contrast</b> and <b>Brightness</b> in <b>Picture</b> settings.  <b>p.17</b></li> <li>• View other TV channels. The problem might be limited to the broadcasting station or weak signal strength.</li> <li>• For the best picture quality, watch High Definition wide screen programs. If the HD content is not available, watch Standard Definition programs instead.</li> </ul>
Picture OK, sound poor	<ul style="list-style-type: none"> <li>• View other TV channels. The problem might be limited to the broadcasting station or weak signal strength.</li> <li>• Check if the audio cable is connected into the unit correctly.</li> </ul>
You see a distorted picture or hear an unusual sound.	<ul style="list-style-type: none"> <li>• You may be getting interference from electrical appliances, automobiles, motorcycles or fluorescent lights.</li> <li>• Try moving the unit to another location to see if this is the cause of the problem.</li> </ul>
Ghosts, lines or streaks in picture	<ul style="list-style-type: none"> <li>• Electrical interference from nearby appliances may affect picture quality.</li> <li>• View other TV channels. The problem might be limited to the broadcasting station or weak signal strength.</li> </ul>
Different color marks on the TV screen	<ul style="list-style-type: none"> <li>• View other TV channels. The problem might be limited to the broadcasting station, missing data or pixelation.</li> </ul>
You switch to a different Input and the volume changes.	<ul style="list-style-type: none"> <li>• This unit will memorize the volume level from the last time you adjusted it.</li> <li>• If the volume of the sound from another device is higher or lower; then the loudness will change.</li> <li>• Make sure <b>Auto Volume</b> is set to <b>On</b>.  <b>p.17</b></li> </ul>
You switch to a different Input and the screen size changes.	<ul style="list-style-type: none"> <li>• This unit will memorize the viewing mode from the last time you used the particular Input modes.</li> </ul>
The display image does not cover the entire screen.	<ul style="list-style-type: none"> <li>• If you are watching TV or using the Composite Video, Component Video or HDMI with 480i Input, press <b>ASPECT</b> repeatedly to switch various screen modes.</li> </ul>

### 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.

# 10 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.

## 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.

# 11 Specifications

Model #	32PFL2507																	
<b>Picture</b>																		
Type	WXGA (1366 x 768 pixels 60Hz)																	
Aspect ratio	16:9 / 4:3 / Zoom1 / Zoom2 / Just Scan																	
Viewing angles	178° (V) by 178° (H)																	
Built-in Digital tuner	NTSC																	
<b>Sound</b>																		
Mono / Stereo	Stereo																	
Power Output (RMS watts)	10 W x 2																	
<b>Ease of use</b>																		
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																	
Photo slide show	JPEG, BMP, PNG files only																	
Video playback	<table border="1"> <tr> <td>.avi</td> <td>Xvid only (DivX unsupported)</td> <td rowspan="3">PCM/ MP2/ MP3</td> <td rowspan="3">Max Resolution and Frame Rate 720p @30 fps Max Data Rate : 20Mbps</td> </tr> <tr> <td>.mkv/.mov</td> <td>MPEG-4</td> </tr> <tr> <td>.mpeg</td> <td>MPEG-1 MPEG-2</td> </tr> <tr> <td>.dat</td> <td>MPEG-1</td> <td rowspan="2">MP2</td> <td>Max Resolution and Frame Rate 352 x 288 Max Data Rate : 20Mbps</td> </tr> <tr> <td>.vob</td> <td>MPEG-2</td> <td>Max Resolution and Frame Rate 720 x 576 Max Data Rate : 20Mbps</td> </tr> </table>			.avi	Xvid only (DivX unsupported)	PCM/ MP2/ MP3	Max Resolution and Frame Rate 720p @30 fps Max Data Rate : 20Mbps	.mkv/.mov	MPEG-4	.mpeg	MPEG-1 MPEG-2	.dat	MPEG-1	MP2	Max Resolution and Frame Rate 352 x 288 Max Data Rate : 20Mbps	.vob	MPEG-2	Max Resolution and Frame Rate 720 x 576 Max Data Rate : 20Mbps
.avi	Xvid only (DivX unsupported)	PCM/ MP2/ MP3	Max Resolution and Frame Rate 720p @30 fps Max Data Rate : 20Mbps															
.mkv/.mov	MPEG-4																	
.mpeg	MPEG-1 MPEG-2																	
.dat	MPEG-1	MP2	Max Resolution and Frame Rate 352 x 288 Max Data Rate : 20Mbps															
.vob	MPEG-2		Max Resolution and Frame Rate 720 x 576 Max Data Rate : 20Mbps															
Music playback	MP3 files only																	
<b>Connectivity</b>																		
Component Video Input (Y/Pb/Pr)	1 supporting video signals : 480i/p, 576i/p, 720p, 1080i 60Hz																	
Composite Video Input	1																	
HDMI Input	1 supporting video signals : 480i/p, 576i/p, 720p, 1080i/p, 24Hz-60Hz PC-Input signal up to WXGA (1360 x 768)																	
Audio L/R Input	1																	
PC Input	via VGA and HDMI + VGA Audio L/R input																	
USB	1																	
Digital Audio Output	1																	
Headphone Output	1 1/8 inches (3.5mm)																	
<b>Power</b>																		
Power requirements	AC 120V, 220-240V~ (50Hz / 60Hz)																	
<b>Temperature</b>																		
Operating temperature	41 °F (5 °C) to 104 °F (40 °C)																	

- Specifications are subject to change without prior notice.



**P&F Mexicana, S.A. de C.V.**  
**Av. La Palma No. 6, Col. San Fernando La Herradura.**  
**Huixquilucan, Edo. de México. C.P. 52787**