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32PFL1409/93
42PFL1609/93
47PFL1609/93

EN User manual

PHILIPS

Contents

** Due to the product improvement, the screen display and illustrations may differ from the actual ones.

IMPORTANT SAFETY INSTRUCTIONS

Explain of Symbol

Dear Philips' users :

Thanks for using Philips' color LCD TV. Below is the explain of marking in the user manual to make it available when you read user manual and use color LCD TV.

The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of un-insulated "DANGEROUS VOLTAGE" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electrical shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating instructions in the literature accompanying the product.

■ Warning

● To reduce the risk of fire or electric shock, do not expose this apparatus to dripping or aplashing.

● Do not put any objects filled with liquids, such vases, cup or dressing cases on the TV set.

● Do not put any naked flame sources, such as lighted candles, on the TV set.

● Do not open the TV set for there is dangerous high voltage in the TV set. For safety reasons it is only allow to be opened by qualified service per-sonnel.

● To reduce the risk of electric shock, do not insert the plug in the AC re-ceptacles when the AC power cord or plug damaged.

If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet. Do not disconnect it by yourself.

SAFETY PRECAUTION

Install/ Setting

To reduce the risk of fire, electric shock , damage and/or personnel hurt , pls. accord to below instruction when install and use TV set

Install

- Install the plat TV set to wall by skilled personnel Incorrect installation is not safety for you and your TV set.

- Install the TV set near the convenience AC power receptacles.Put the TV set on the stable plane.

- Use wall mount or base for your safety

- Do not install the TV set near the high heat location, like under sunshine or near radiator. If near the heat source, the display maybe too hot and result in the enclosure distortion or others fault.

- Do not install the TV set towards the air conditioner directly. If so, the display panel may dewed and cause fault.

Install on the wall
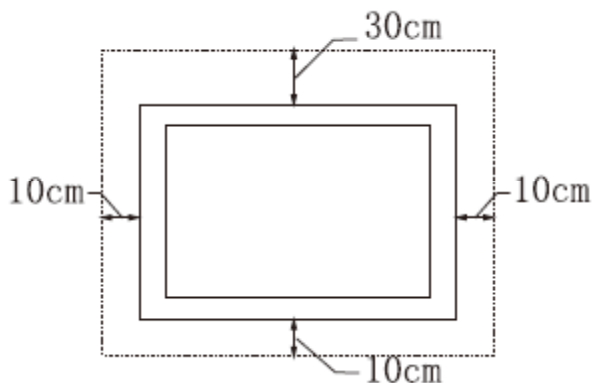
Keep the min. space marked above around the TV set.

Install with base
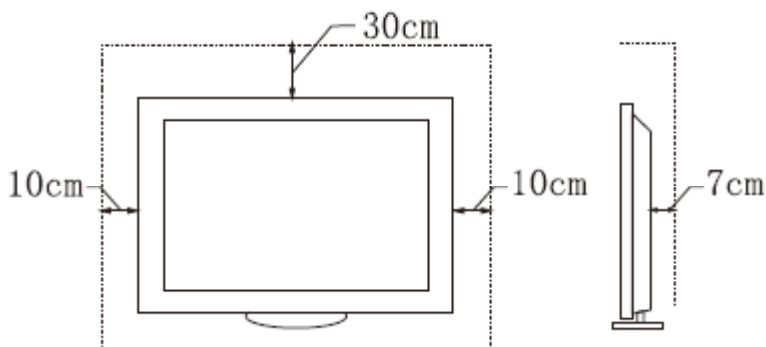
Keep the min. space marked above around the TV set.

Ventilation

● Do not block the ventilation opening or insert any object in the enclosure.

● Keep spec around the TV set as above illustrate.

● Do not install your TV set as below illustrate
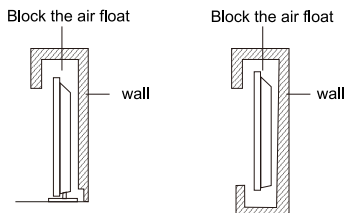
Transit

● Disconnect all power cord before transit the TV set.

● Transit the big size TV set by two or more person.

● Grasp the four foreland of TV set and do not press the panel when transit the TV set.

● Hold the bottom when put up or move the TV set.

AC Power Cord

According to below instruction to use AC power cord and receptacles to reduce the risk of fire, electric shock or personnel hurt.

● Connect the plug in the AC power receptacle completely.

● Use 220V AC power source only

- Keep power cord away from heat source

- Withdraw power cord plug and clean it periodical. The insulation may damage and even cause fire if the power cord is covered by dusty and vapor.

- Do not refit power cord

- Do not put heavy object against the power cord

- Do not pull power cord when withdraw it

- Do not connect too many equipment in the same AC power receptacle.

- Do not use the incorrect AC receptacle.

Placement

- Put the TV set on stable position, otherwise it may drop and damage, even fired.

- Do not put TV set near the heat, moisture and dusty place.

- Do not put TV set in the position where the hexapod can move in.

- Do not put TV set near vibratile objects.

- Do not put tinder like candle near the TV set.

- Do not put any objects filled with liquids, such as vases on the TV set

- Do not put the TV set near water , oil and so on to reduce the risk of fire.

Restrict of Using

- Do not use TV set outside, such as , under sunlight, seaside or steam-boat and so on.

- Do not use TV set when storm, and disconnect power cord from AC power source ,also antenna

- Do not use TV set when the surface is damaged. And do not touch TV set before disconnect from AC power source, otherwise may cause electric shock.
- Disconnect the AC power cord immediately under below situation:
- Power cord damaged
- AC power receptacle is incorrect
- TV set is falling , knocked or bumped caused damaged
- Any liquids or solid objects fall into TV set from opening.

Precaution for Safety

- It is benefit to use this TV set in the weak electromagnetism interference surroundings. Using near the strong electromagnetism field or the place where the signal is covered by electrical noise, will cause the phenomena that picture or sound fluctuate or noise interference. Keep the TV set far away from strong electromagnetism location to avoid equipment damage.
- Do not show static picture more than two hours (the lead time depends on different TV set), otherwise may cause permanent remnant image. The static picture including symbol, video game, PC image, text file and picture showed by normal mode.
- If display static picture to cause permanent remnant image and influence the sight, it is not included in the guarantee to keep it in good repair.
- The TV set is not used to displaying image for long time.
- Leaving Unused
- For environment protect and safety, disconnect the power cord from the AC power receptacles if not use the TV set for long time.

For Child

● Do not let child climb on the TV set

● Put small accessory out of reach by child to avoid child swallow it down carelessly.

Precaution

Watching TV

● Watching TV under proper beam. For watching TV under weak beam or watching for a long time will damage your sight.

● Adjust volume properly to avoid audition hurt by high volume when using earphone.

Display

● The TV set is manufactured by high precision technology and there may be some light or pixel loss in the display. This is not fault.

Cleaning and maintaining

● Disconnect the power cord form AC power receptacle before cleaning the TV set

● Pay attention to below items to avoid material metamorphose or screen cauterization:

--Use soft cloth clean the dust on screen surface or enclosure. If remain dusty ,use soft cloth with attenuant soft cleanser.

-- Do not use any hard cushion, alkaline or acidic cleanser, powder or volatile, such as alcohol, thinner or insecticide etc.

-- When adjust the viewing angle, move the TV set slowly to avoid TV set shifting or sliding from the desk type base.

Explanations:

The following illustration is for your convenience to recognize where all terminals are located and to connect peripheral equipment; due to the product improvement, the indications may be different from the actual one. The actual indications shall prevail.

Side control panel

Side control panel
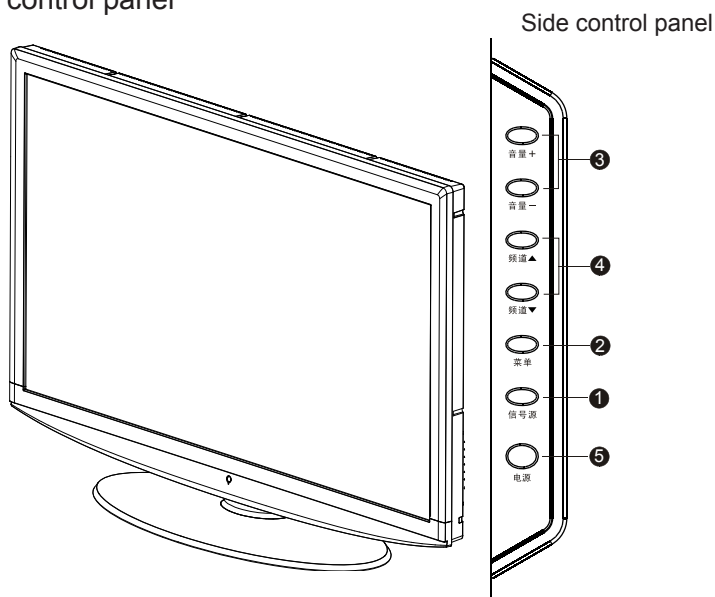
Explanations on the keys on the side of the TV set and their functions

❶ **INPUT:** Recall / Close the signal source menu.

❷ **MENU:** Used to recall / Exit menu, etc.

❸ VOL**+/-:**

In TV mode: Increase (+) or decrease (-) volume;

In TV menu: Move right (+) or move levt (-) in the options.

❹ **CH▲/▼:**

In TV mode: Select the next channel (▲) or the previous channel (▼);

In TV menu: Move up (▲) and down (▲) in the options; while in standby mode, the Channel▲/▼ may be used to turn on the TV set.

❺ ⏻ **:** Standby On/Off key

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Panel control and rear terminal control

Side CVBS and rear terminals
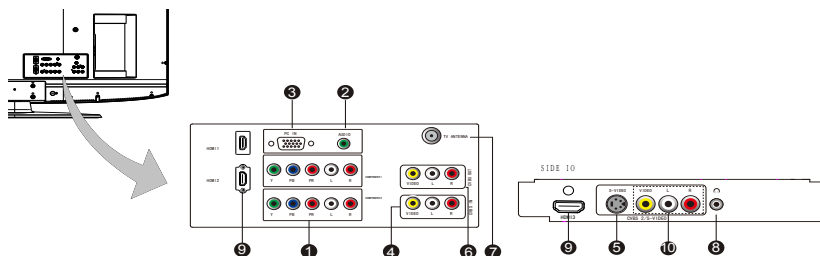
Explanations on the rear terminals and their functions:

❶ COMPONENT: Color aberration component (YCbCr, YPbPr) Video/ Audio Input Terminal

❷ AUDIO: VGA audio input terminal

❸ PC IN: VGA video input terminal

❹ CVBS 1 IN: CVBS-1 audio/video input terminal

❺ S-VIDEO: Video input terminal (the audio is used the same way as CVBS-2 IN audio)

❻ CVBS OUT: CVBS audio/video output terminal

❼ TV ANTENNA: Antenna input terminal

❽ Earphone output socket

❾ HDMI1/HDMI2/HDMI3 input terminal

❿ CVBS 2 IN: CVBS audio/video input terminal

Preparation of remote control

▣ Installation of remote control batteries

•• As shown in the following diagram, put the remote control upside down and push open the battery chamber.
•• Insert 2 AAA batteries as shown in the following diagram.(The positive and negative poles must correspond to the indication).
•• Put back the battery chamber cover in place.
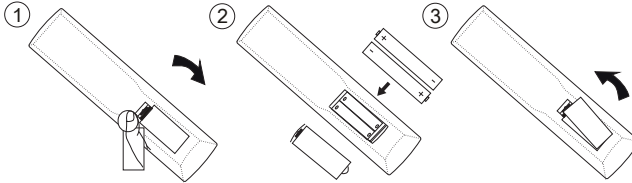
⚠ Never use rechargeable batteries, such as nickel-cadmium batteries.Such batteries are different in shape and performance, proper operation is therefore hard to be ensured.
Please properly dispose the waste batteries in a environmentally friendly way.

Precautions for the use of batteries:
Improper use of batteries may cause battery leakage, which may corrode the remote control or cause battery explosion.The following precautions must be obeyed:
••Always replace batteries in pairs, i.e. replace a pair of old batteries with a pair of new ones.
••Never use a new batteries together with an old one.
••Never use batteries of different types together, e.g. use a "zinc carbonate" battery together with an "alkaline" battery.
••Never recharge, short circuit, reassemble, heat or burn used batteries.
••It is necessary to change batteries only when the remote control operates well or bad occasionally or fails to control the operation of the TV set.
••If you don't use the remote control for a long period, take the batteries out of the remote control so as not to cause battery leakage thus damaging the remote control.

▣ Precautions while using remote control

Ensure no other objects are between the remote control and the remote receiver of the TV set.

The remote control can not be kept in hot or humid environment, otherwise violent impact may cause the remote control failure.

Sunlight or other strong light may interfere the signal sent by the remote control.In this case, please turn the TV set towards the other direction.

Use two AAA (7#) 1.5V alkaline batteries. Do not use different types of batteries together.
Mount the batteries as per correct polarity.

Using remote control

*Note:Pressing most buttons once will activate the assigned function. Pressing a second time will de-activate it. When a button enables multiple options, a small list will be shown. Press repeatedly to select the next item in the list. The list will be removed automatically after three seconds or press **OK** to remove immediately.*

POWER
Press to turn the LCD TV On or off

VIDEO/S-VIDEO BUTTON
Press the button to select CVBS-1, CVBS-2 and S-VIDEO

HDMI/COMP BUTTON
Press to select YPbPr, HDMI 1, HDMI 2

PC
Press the button to select PC source

TV BUTTON
Press the button to select TV source

NUMBER BUTTON
Press the number buttons for direct access to the TV channels. For 2 digit channel, enter the 2nd digit after enter 1st digit

PRE CH
It is only used in TV mode to go back to the previously watched TV channel.

SLEEP BUTTON
Press to set the LCD TV to turn itself off within a certain time

SOUND BUTTON
Press this button, you can choose 3 smart mode: personal, speech, music. When in personal mode, you can choose Bass, Treble.

NICAM
Press repeatedly to select Mono, Stereo. Note: The sound mode selections depend on TV program and broadcast TV channel of that region.

FREEZE BUTTON
It is used to freeze an instant picture, and you can return to normal watching by pressing any key.(Note: It only works in TV mode. Do not use freezed picture for long so as not to burn the screen.

WIDE BUTTON
Press this button to display a list of available display formats. Available display formats are determined by the type of signal you are receiving. To choose the display format you prefer, press the WIDE button repeatedly: 4:3, ZOOM 1, ZOOM 2, 1:1(For 720P/1080I).

MUTE BUTTON
Press to eliminate or restore the LCD TV sound. Mute will appear on the screen when the sound is muted

DISPLAY BUTTON
Press to see the current channel information on the TV screen

VOL+/-
Press + or - to adjust the volume

CH +/-
Press to adjust the channel up or down

MENU
Press menu to activate on screen menu on/off

SOURCE BUTTON
Press to select the video input source: TV, CVBS-1, CVBS-2, S-VIDEO, YPbPr, HDMI1, HDMI2, VGA.

OK BUTTON
Press the button to confirm your selection

EXIT BUTTON
Press the button to exit OSD menu

PICTURE BUTTON
Press this button, you can choose standard, vivid, movie, personal, enco.

Packing lis

Power cord

DFU
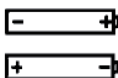
Remote control
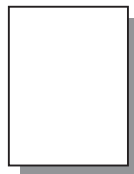
If you prepare TV for wall mounting,please call service personnel to install. Guarantee the safety of TV.

If you need to place the TV unit on the desktop,please buy the base assembly additional,the installation instruction of base assembly as follows:

32"/42" base installation

1. Place TV unit face down on a soft and flat surface(blanket,foam,cl oth,etc.) to prevent damage to the TV. remove 4 pieces of screws as indicated in the illustration by cross-shaped screwdriver.
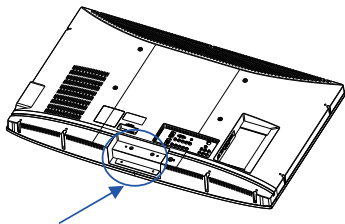
Remove four pieces of screws

2. As indicated in the illustration, put the cover_stand ① on the base② (the 32" TV overleap this step, turn into the next step directiy).

3. Put the base assembly on the right position of rear cover as indicated in the illustration.
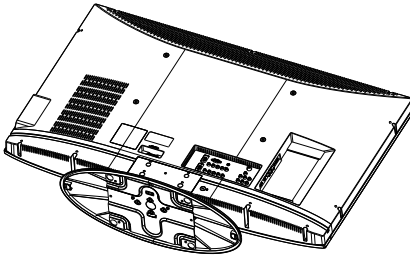
4. Insert the screws back to the right position as indicated in the illustration by cross-shaped screwdriver. the 32"TV use the primary screws, the two long screws in the pe bag for accessory instead of the two pieces of screws primary in the bottom position of 42" TV(attention:there are two type of screws as indicated in the illustration,it must be inserted the right type of screws to guarantee the safety of TV).

(the screw thread is dense)

(the screw thread is sparse)
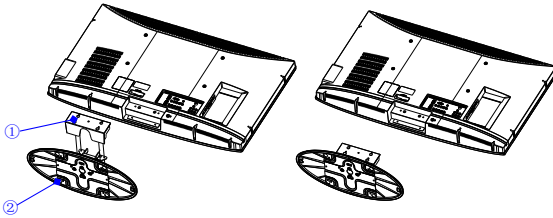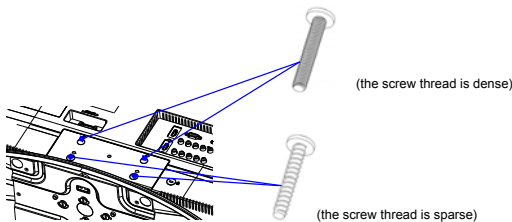
5. Place the TV unit on a firm and flat surface.

47" base installation

1. Place TV unit face down on a soft and flat surface(blanket,foam,c loth,etc.) to prevent damage to the TV.remove 6 pieces of screws as indicated in the illustration by cross-shaped screwdriver.
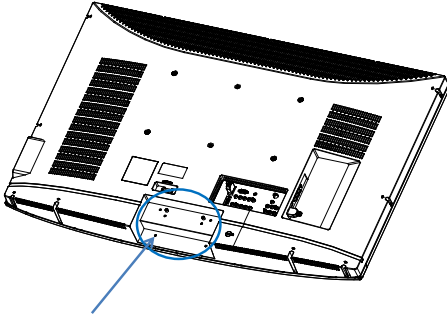
Remove six pieces of screws

2. Take out the base assembly out of the box, and put the cover_ stand and base on the table.
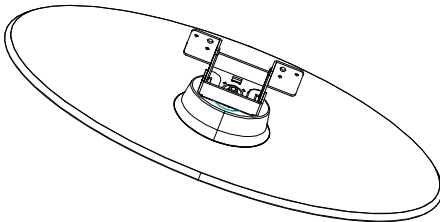
base
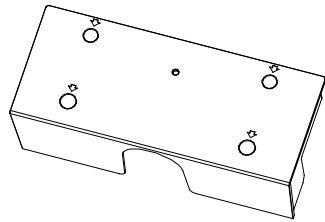
Cover_stand

3. Put the base on the right position of monitor and lock it tightly. Remove the two pieces of screws which mared before Inserting the screws back to the right position as indicated.
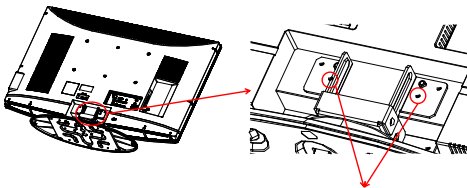
the two pieces of screws which marked

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4. Insert the screws back to the right position as indicated in the illustration by cross-shaped screwdriver. the two long screws in the pe bag for accessory instead of the two pieces of screws primary in the bottom position (attention:there are two type of screws as indicated in the illustration,it must be inserted the right type of screws to guarantee the safety of TV).

(the screw thread is dense)

(the screw thread is sparse)
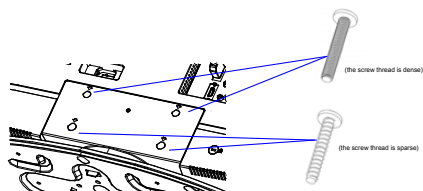
5. Place the TV unit on a firm and flat surface.

Backboard singal source interfaces

There are a lot of signal sources that can be connected to your TV set. The following diagram shows how to connect them.

Friendly tips:

If you want to hang the TV set on a wall, all connecting lines must be inserted into the ports of the TV set in advance.

Whenever a peripheral equipment is connected to the TV set, be sure the TV set is powered off.

While connecting peripheral equipment, connect the cable to the terminal with the same color as its own.
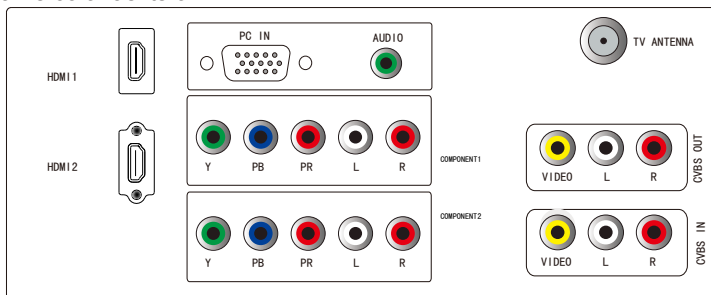
Antenna input:

Insert the antenna terminal into the TV set's antenna socket. This socket is a 75Ω coaxial cable input.

CVBS:

Connect the VIDEO outputs of DVD player, LCD player, video recorder or video camera, etc. to the VIDEO input of the TV set.

Audio input: Connect the audio signal source (PC, DVD player, LCD player, video recorder or video camera, etc.) to the audio input port.

CVBS output :

This interface can be used to output the TV signal of the unit to another TV set.

Component input:

Connect the audio / video of the component signal source (PC, DVD player, LCD player, video recorder or video camera, etc.) to the component signal input port.

PC signal and PC audio input:

Connect the PC signal line to the PC and the PC interface of the TV set.

Connect the audio line to the PC audio input interface of a PC or a TV set.

HDMI:

It refers to "high definitiion multimedia interface". It connects the HDMI signal connecting line to DVD player, etc.

Side signal source interfaces
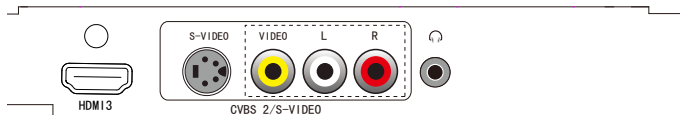
Earphone socket:

The user may use the earphone via the earphone socket.

CVBS-2 /S-VIDEO input:

Connect the VIDEO outputs or S-VIDEO outputs of DVD player, LCD player, video recorder or video camera, etc. to the VIDEO input or S-VIDEO input of the TV set. (S-VIDEO is shared with the CVBS audio)

Audio input:

Connect the audio signal source (PC, DVD player, LCD player, video recorder or video camera, etc.) to the audio input port.

Preset and watch TV

The following is how to use the On/Off key (⏻) on the TV remote control to turn on/off the TV set. (Press the key Channel +/- in standby mode may power on the unit, its the same for the side panel and the remote control.

Power On/Off

1. While switching on the AC power supply, the red indicator lamp stands for standby mode, while the blue indicator lamp stands for power on.
2. If the TV set is in standby mode, press the On/Off key on the remote control to power on.
3. Pressing on the On/Off key on the remote control may enter standby mode again.
4. If you don't use the TV set for a long period, unplug the power cord of the TV set from the socket to save electric energy, because the TV set consumes electricity even in standby mode.

Auto Standby function

When there is no signal input to the TV set, in order to protect the unit and reduce power consumption, the TV set may switch to standby mode after 30 minutes if it is not in PC mode. (It will enter standby mode 30 seconds later if the PC has no signal.)

Selecting input signal for TV program

If the TV set is not in the TV mode, the following methods may be used to select TV program:

TV
CVBS-1
CVBS-2
S-Video
YPbPr
HDMI-1
HDMI-2
HDMI-3
VGA

1. Press the signal source key on the remote control to pop out signal source menu on the TV screen (as shown in the right diagram).

Press the ⋀/⋁ key to select the option TV, and then press > key or OK key to confirm switching to TV input terminal. After such switching, the signal source selection menu disappears, and the information on the current signal source is displayed on the up right corner of the screen. Repeatedly pressing this key may exit the signal source menu. If no other operations are made, the signal source menu will disappear in 5 seconds.

2. Pressing the CH+/- key or up/down ⋀/⋁ key or number key may also return to TV mode.

How to select TV program
Selecting TV program
1. Selecting with number key directly

• Press the number key directly to select the desired number of channel.

2. Selecting with the CH+/- key

• Press CH+ key or up key to select the channel number in the increasing direction.

• Press CH- key or down key to select the channel number in the decreasing direction.

Selecting TV volume
Press the VOL+/- key or left/right key to adjust to the desired volume.
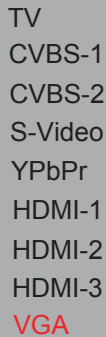
Menu operation

1. Pressing the menu button may display or exit the main menu.
2. In the main menu, you may use the ∧/∨ key to select the functional options to be adjusted by moving up or down, press the > to enter the sub-menu adjustment, and press the menu key to exit the main menu.
3. In the sub-menu, you may use the </> key to make adjustment, use the ∧/∨ key to select the previous/next option, and press the menu key to go back to the previous level.

Signal source menu

Press "SOURCE" button to enter the SOURCE menu, including TV, CVBS-1, CVBS-2, S-Video, YPbPr, HDMI-1, HDMI-2, HDMI-3,VGA. (with other signal sources, pressing number key or CH +/- key may switch to the "TV" signal source.)

TV
CVBS-1
CVBS-2
S-Video
YPbPr
HDMI-1
HDMI-2
HDMI-3
VGA

Pressing the Menu button to enter the main menu

While in TV mode, the adjustable options include picture, sound, function and channel.

While with CVBS-1, CVBS-2, S-Video, YPbPr, HDMI-1, HDMI-2, the adjustable options include picture, sound and function.

While in PC mode, the adjustable options include picture, sound, function and PC.

I. Image setting

1. Video preset: Provide five image setting modes including Personal, Standard, Vivid, Movie, enco. You can adjust the "Contrast, Brightness, Color and Sharpness" to your taste only in the Personal mode.

2. Contrast: Make the dark color in the black portion of the image enricher and make the white color brighter.

3. Brightness: Adjust the brightness of the image background; it is often used together with the Contrast, adjustable from 0 to 100.

4. Color: Adjustable from 0 to 100. Adjustment of this option may change the color or streak of color of the picture (not available in HDMI mode and PC mode).

5. Sharpness: Adjustable from 0 to 100. Adjustment to this option may change the degree of the clearness and sharpness of the picture (not available in HDMI mode and PC mode).

6. Noise reduction: There are four selectable options, i.e. Off, Low, Normal, High. The user may judge the option according to the actual conditions. It is selected as "Normal" as default. It is suggested to select "High" in case of serious noise and close this option in case of minor noise. (not available in PC mode)

7. Color temp: Selecting this option in a mode other than PC mode, three options are available, i.e. Normal, Warm, Cool. In the PC mode, the "User" option is added for adjusting the RGB color.

8. Size: In a mode other than PC mode, four options are available, i.e. 4:3, Zoom 1, Zoom 2 and Wide. When the resolution is 720P or 1080I in the component/HDMI mode, "1:1" can be selected for the picture size. There are two size options in PC mode, i.e. 4: 3 and Wide.

II. Sound setting

1. Audio preset: Three output sound modes can be set, i.e. Personal, Music and speech. In the speech and Music modes, it is impossible to adjust Bass and Treble, while in the Personal mode, you may set the audio output effect by adjusting the Bass and Treble to your taste.
2. Bass: Adjustable from −10 to +10, used to adjust the volume of the low frequency sound.
3. Treble: Adjustable from −10 to +10, used to adjust the volume of the high frequency sound.
4. Balance: Adjustable from −10 to +10; while adjusting from 0~−10, the volume of the R-CH decreases gradually to zero, while adjusting from 0 to +10, the volume of the L-CH decreases gradually to zero.
5. Incredible surround: Switch of surrounding effect, defaulted as off.
6. Automatic volume compensation feature, may control the volume of the audio output to a certain extent to avoid volume up or down occasionally which will influence watching, defaulted as off

III. Function setting
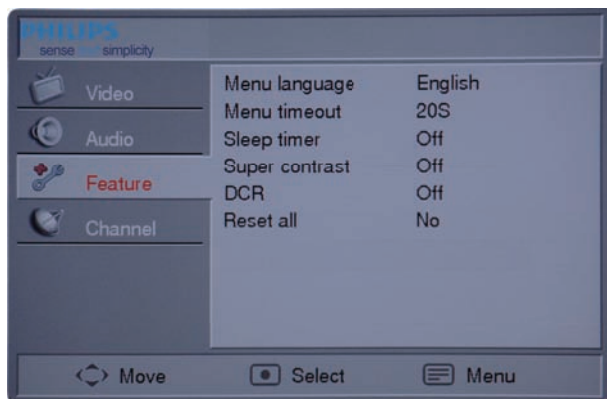
1. Menu language: Set the menu language. Defaulted as English.
2. Menu timeout: Options including 10, 20, 30, 40, 50 and 60 seconds are available for you to set the menu timeout.
3. Sleep timer: Set the time interval for the TV set to enter standby mode automatically. (Not available in PC mode) Timing starts immediately after the sleep timer is set. Available options of sleep timer include 15, 30, 45, 60, 90 and 120 minutes; select "Off" to cancel the sleep timer setting. (Note: If the TV set is turned off after timed power on/off is set, the timed power on/off function cancels automatically) (Pressing the Sleep key in the Function menu doesn't display the remaining sleep time, but switching directly to the next sleep time set)
4. Super contrast: Further enhance the contrast of the TV picture.
5. DCR: Enhance the contrast of dynamic TV picture and give the picture more feel of layering.
6. TT language: Set the teletext TV language, available options include West Europe, East Europe, Slavic, Arabic and Greek. The default language is West Europe.
7. Reset all: Restore to the preset default value, press the </> key to select and select OK key to execute, return to the main menu option, and the menu language is restored to "English". (Note: this operation is somewhat slower; it will execute in 3 seconds, please wait patiently).

IV. Channel setting (the following menus only appear in the TV mode)
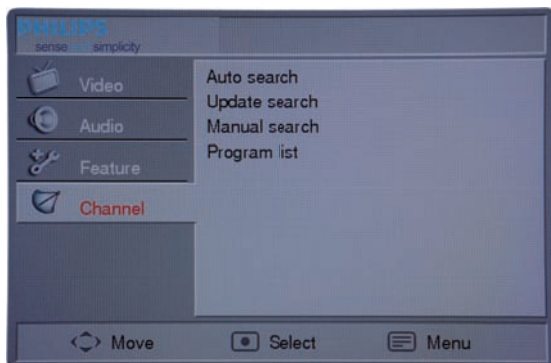
1. Auto search: Search and store program automatically; press the "Menu" key to exit the Auto search mode.
2. Update search: Save the stored program and start a new search; Press the "Menu" key to exit the Update search mode.
3. Manual search: Press > to enter the sub-menu as shown in the following diagram
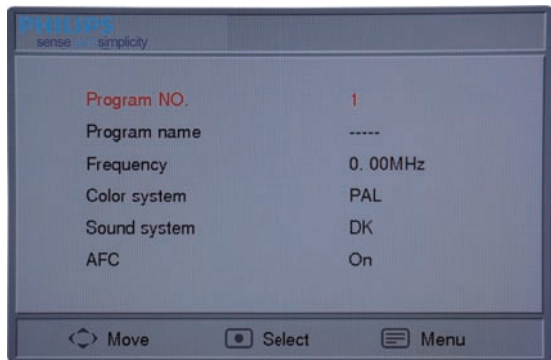
(1) Program NO.: display the number of the current channel.
(2) Program name: allows you to edit the name of the current channel by pressing the ∧/∨ key, and you can store the program name after editing it.
(3) Frequency: Display the frequency of the current channel; press a frequency option once to adjust the frequency by one step length, while pressing and holding it for 3 seconds to search channel manually and the search will stop when a channel is found; press < to stop the upwards searching and press > to stop the downwards searching.
(4) Color system: display the color system of the current TV signal, available with Auto, PAL, NTSC, SECAM and NTSC 443.
(5) Sound system: display the sound system of the current TV signal, available with DK, I, BG, M and AUTO.

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(6)   AFC: It can be set to On and Off. While it is set to On, the TV set will detect the TV signal automatically, and in case of offset of the signal within a certain range, it can adjust the channel to the correct position.

4.   Program list: Press > to enter the sub-menu as shown in the following diagram
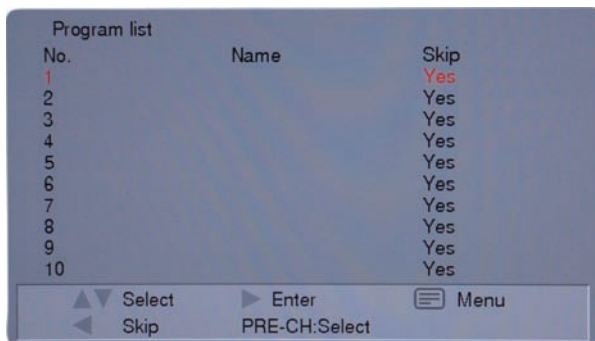
It is possible to edit the program list according to the indications at the bottom of the menu. While selecting a different program with the Up/ Down key in the program list, it will switch to the currently selected program automatically in 3 seconds.

V. VGA setting (the following menus only appear in the VGA mode)
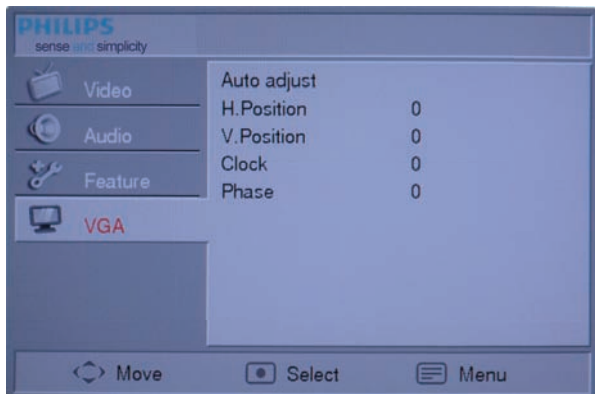
1.   Auto adjust: Adjust the PC picture to the optimal position
2.   H. Position: Adjustable from -50 to 50, adjust the horizontal position of the picture.
3.   V. Position: Adjustable from -50 to 50, adjust the vertical position of the picture. .

Using Remote Control function

■ Mute, freezing and playback

Mute setting	In case an important guest visits you or you receive an incoming call while watching TV program, you can simply press the Mute key on the remote control to turn off the sound of TV program.Pressing the "Mute" key or the Vol + key again may restore the sound.

Notice:

1. When pressing the Vol- key in the Mute mode, the value of volume decreases, however it is still in the mute display.

2. After it is muted, any other operations of the TV set can be carried out in the mute mode.

3. If you press the On/Off to enter the standby mode or disconnect the AC power supply, the TV set will exit the mute mode after being turned on again.

4. If no other operations are made, the mute indication is always displayed.

Playback function	The quick playback function enables you to quickly access the TV channel you watched the last time.

1. Assuming the number of the TV channel you watched just now is "8", and the number of the channel you are watching now is "18" (as shown in the right diagram).

2. If you want to go back to Channel 8 you watched just now, simply press the Playback key.

3. If you want to go back to Channel 18 immediately, simply press the Playback key again.

Notice:

This function needs to be enabled in TV signal mode.

Abnormal symptoms		Check
image	Sound	
snow picture	Sound noise	-Check antenna direction or connections -If use CATV,Please check if output extent of CATV meet National criteria(60dB-74dB),If not,pls contact with local TV Station
Disturb	Sound Noise	1.check if any electronic facility as/car/Moto/ fluorescence disturb 2. Change power socket to re-insert power cord
natural	No sound	1. Check if open mute key 2. Check if control Volume to the lowest one.
No picture	No sound	1. Check if power cord insert to socket. 2.check if Power on 3.check if set image/ Voulme is to lowest one 4. Check if TV in standby mode.
No color	Natural	1. Check if set color to lowest one 2.check color pattern if right
Poor picture or distort	Sound small or none	Re search channel
Natural	Sound small or distortion	1. Check sound pattern if right 2.adjust the TV program.
Lost control		Pull out power cord plug and reconnect power after 10seconds to check if defect disappear.
Remote controller unuseful		1. Change to new batteries 2.wipe the upside of remote controller. 3. Check the connec- tion side between battery and remote con- troller. 4. Check if any influence from ray like fluorescence or neon.
Unuseful info. on VGA mode		1. Check the largest differentiate rate and frequency on adapter 2. Use these date to compare with date on info. mode.
Need advanced technology to produce LCD or PDP Panel, maybe there are som too bright or dark pixels. But they will no infect TV functions. It is normal symptoms.		

Contact way

If can't solve the issues you met, please refer the solutions for this product ordinary problems. The net address is www.Philips.com/support. If still can't solve issues, please contact the Philips service center on the country/area list which you stayed. **Service hot line:4008 800 008.**

Warning:

Don't try to mend TV by yourself. Or it maybe will result out personal injury or any dam   hell and gone damage on product, also it will be unuseful for product guaranty.

Remark:

Please note the TV Model and SN before contact Philips. These information were printed on TV back cover and package.

Product specifications

Function	PC input function Support TV, CVBS, S-VIDEO, YPbPr, HDMI inputs		
Item		32PFL1409	42PFL1609	47PFL1609

Viewable size		800mm diagonal	1067mm diagonal	1194mm diagonal
TV function	TV standard	Color system: Auto, PAL, NTSC, SECAM, NTSC 443 Sound system: DK, I, BG, M,		
	Audio system	FM, MONO, STEREO, BILINGUAL		
Video input	CVBS	RCA x 2		
	S-VIDEO	S-VIDEO x 1		
	Component input YPbPr/YCbCr	YPbPr/YCbCr x 1		
	HDMI input	HDMI x 3		
Video output	CVBS OUT	RCA x 1, Audio L / R x 1		
PC input	Recommended resolution	1360*768/60Hz	1920*1080/60Hz	
	Audio input	For stereo earphone mini socket (3.5ø)		
Audio output	Audio output: L/R	Speaker (built-in): 2 x 5W	Speaker (built-in): 2 x 10W	
		For stereo earphone mini socket (3.5ø)		
Power supply	Power supply	200-240V~, 50Hz, 1.5A	200-240V~, 50Hz, 2.5A	
	Power consumption	≤150W	≤230W	≤270W
	Power consumption in standby mode	<1W	<1W	<1W
Operating environment	Temperature	0°C ~ + 35°C		
	Storage temperature	- 20 °C ~ + 60 °C		
	Humidity	20% ~ 80%		
Size	Wide x Height x Thickness (including the seat)	782.5x558.6x 209.4(mm)	1009.5x688.1x 262.6(mm)	1124.6x767.9x 313.6(mm)

Product specifications

Supported display resolutions

Computer formats
HDMI&VGA:

32PFL1409/93

Resolution	Refresh Rate(Hz)
640x480	60
800x600	60
1024x768	60
1360x768	60

42PFL1609/93 &47PFL1609/93:

Resolution	Refresh Rate(Hz)
640x480	60
800x600	60
1024x768	60
1360x768	60
1440x900	60
1680x1050	60
1920x1080	60

Video formats
32PFL1409/93 & 42PFL1609/93 &47PFL1609/93:

Resolution	Refresh Rate(Hz)
640x480P	60
720(1440)x480i	60
720(1440)x576i	60
720x480p	60
720x576p	60
1280x720P	50,60
1920x1080i	50,60
1920x1080p	50,60

Remark:1080P isn't supported by 32PFL1409/93 model.

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