IMPORTANT SAFETY INSTRUCTIONS

Read before operating equipment

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with the 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. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
10. Only use attachments/accessories specified by the manufacturer.
11. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
12. Unplug this apparatus during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
14. The appliance should be serviced by qualified service personnel when:
   A. The power supply cord or the plug has been damaged; or
   B. Objects have fallen, or liquid has been spilled into the appliance; or
   C. The appliance has been exposed to rain; or
   D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
   E. The appliance has been dropped, or the enclosure damaged.
16. Tilt/Stability - All televisions must comply with recommended international global safety standards for tilt and stability properties of its cabinets design.
   • Do not compromise these design standards by applying excessive pull force to the front, or top, of the cabinet which could ultimately overturn the product.
   • Also, do not endanger yourself, or children, by placing electronic equipment/toys on the top of the cabinet. Such items could unsuspectingly fall from the top of the set and cause product damage and/or personal injury.
17. Wall or Ceiling Mounting - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
18. Power Lines - An outdoor antenna should be located away from power lines.
19. Outdoor Antenna Grounding - If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges.
20. Objects and Liquid Entry - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
   a) Warning: To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases should not be placed on this apparatus.
21. Battery Usage CAUTION - To prevent battery leakage that may result in bodily injury, property damage, or damage to the unit:
   • Install all batteries correctly, with + and - alignment as marked on the unit.
   • Do not mix batteries (old and new or carbon and alkaline, etc.)
   • Remove batteries when the unit is not used for a long time.

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.
Help?
If this instruction manual does not give an answer or if 'Tips' do not solve your TV problem, you can call your Local Philips Customer or Service Centre. See the supplied World-wide guarantee booklet. Please, have the Model and Product number which you can find at the back of your television set or on the packaging ready, before calling the Philips helpline (0800-701-02-03).
Model: 30PF9946D/78; 42PF9936D/78 Product No:

Care of the screen
Do not touch, push or rub or strike the screen with anything hard as this may scratch, mar or damage the screen permanently. Do not rub with dust clothes with chemical treatment. Do not touch the surface with bare hands or greasy cloth (some cosmetics are detrimental to the screen). Unplug the TV before cleaning the screen. When the surface becomes dusty, please wipe gently with absorbent cotton or other soft materials like chamois soaks. Do not use acetone, toluene and alcohol because they cause chemical damage. Do not use liquid cleaners or aerosol cleaners. Wipe off saliva or water drops as soon as possible. Their long time contact with the screen causes deformations and colour fading.

Warning concerning stationary images on the TV screen
A characteristic of Plasma Display Panels (only for 42PF9936D) is that displaying the same image for a long time can cause a permanent after-image to remain on the screen. This is called phosphor burn in. Normal use of the TV should involve the showing of pictures that contain constantly moving and changing images that fill the screen.

Preparation

1. Wall mounting instructions/Table stand
How to mount the supplied stand and/or wall mount bracket, see the supplied separate leaflet. Make sure that the wall mount is being fixed securely enough so that it meets safety standards.
The weight of the TV (excl. packaging) is about 18 Kg (30PF9946D); 42 Kg (42PF9946D).
Note: Not supplied stands are optional accessories. Consult your dealer.

2. Make sure that air can circulate freely through the ventilation slots.
To prevent any unsafe situations, no naked flame sources, such as lighted candles, should be placed on or in the vicinity. Avoid heat, direct sunlight and exposure to rain or water. The equipment shall not be exposed to dripping or splashing.

3. Insert the aerial plug firmly into the aerial socket "x" at the bottom of the TV. For best picture quality use the suppressor-aerial cable supplied.

4. Insert the power plug supplied into the mains at the bottom of the TV and in the wall socket. Refer to the back of the TV set for the correct operation voltage. Consult your local dealer if your AC power supply is different. To prevent damaging the power (AC) cord which could cause a fire or electric shock, do not place the TV on the cord.

5. Remote control: Insert the 2 batteries supplied (Type AA-1.5V).
The batteries supplied do not contain the heavy metals mercury and cadmium. Please check on how to dispose of exhausted batteries according to local regulations.

6. Turn the TV on: Press the power switch at the right side of the TV. An indicator on the front of the TV lights up. Press the -P+ buttons or the button on the remote control.
To use the menus

1. Press the MENU button on the remote control to summon the main menu. At any moment you can exit the menu by pressing the MENU button again.
2. Use the cursor up/down to select Picture, Sound, Features, Install or Mode.
3. Use the cursor in the right direction to select the menu item.

4. Use the cursor up/down again to select the control you want to select or to adjust.
5. Press the OK button to activate.

*Note: Items temporary not available or not relevant are displayed in a light grey color and cannot be selected.*

---

**TV menu**

### Picture menu:
- **Brightness**: this changes picture brilliance.
- **Color**: this changes the intensity of the color.
- **Contrast**: this improves the detail of the lightest parts of the picture.
- **Sharpness**: this changes the picture definition.
- **Tint** (only available with NTSC signals): this adjusts the picture to obtain natural skintones.
- **Color Temp**: this changes the color rendering: Cool (bluer), Normal (balanced) or Warm (redder).

### Sound menu:
- **Equalizer**: to adjust the sound tone (from bass 120 Hz to treble 10 kHz).
- **Balance**: this balances the sound on the left and right speakers.
- **AVL** (Automatic Volume Leveller): this is used to limit increases in sound, especially on program change or advertising slots.
- **Dolby Virtual**: simulates the surround sound experience from 2 speakers using Dolby Pro Logic® providing the listener with the sensation of being surrounded by additional speakers.
- **SAP**: is an additional part of the stereo broadcast system; Sent as a third audio channel, an SAP can be heard apart from the current TV program sound. TV channels are free to use SAP for any number of purposes. (Not available if not present with a selected program).
- **Sound**: this allows you to toggle between Stereo or Mono sound (if stereo is present on a selected TV program).

### Features menu:
- **Timer, Child Lock, Closed Caption and PIG**: see p. 11-12.
- **Contrast+**: automatic adjustment of the picture contrast which permanently sets the darkest part of the picture to black.
- **NR**: attenuates picture noise (snow) in difficult reception conditions.

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**TV Menu**

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</tr>
</tbody>
</table>
How to search for TV channels

If you want to re-install your TV proceed as follows:

1. Press the MENU button on the remote control.
2. Use the cursor up/down to select Install.
3. Press the cursor right to enter the Install menu.

Select the menu language

1. Use the cursor left/right.
2. Press the cursor up/down to select your language.

Select the system

1. Select System in the Install menu;
2. Press the cursor right to select the desired system.
   - If Auto is selected, the respective system will be automatically selected according to the transmission system.

   Note: If the reception is poor, select another system.

Select the Tuner mode

Allows you to change the TV’s signal input to cable, antenna or auto mode. The auto mode setting helps the TV determine the type of signal or channels being received when auto program is activated.

1. Select Tuner Mode in the Install menu.
2. Press the cursor right.

   Note: It is recommended to keep the predefined Automatic way of autoprogramming. In case of difficulties in autoprogramming with the automatic method, choose for Antenna or Cable whether antenna or cable signals are present.

   When Auto is selected, the TV will automatically detect whether or not cable signal input is present.
   When Antenna is selected, the TV will detect antenna signals and will search for all antenna TV channels available in your local area.
   When Cable is selected, the TV will detect cable signals and will search for all cable TV channels available in your local area.
Store TV channels

Auto Program

Select Auto Program in the Install menu.
Note: All channels must be unlocked in order to autoprogram. If requested, enter your code to unlock all channels. (See TV, Features, Child Lock, p. 11.)

Press the cursor right.
The autostore option label Start ? appears.

Press the cursor right.
The progress of autoprogramming is displayed.

Manual fine tuning of channels

Select Manual in the Install menu.
Press the cursor right to enter the channel list.
Key in the desired channel number with the digit buttons or with the cursor up/down.
Select Fine tune and press the cursor left/right to adjust.
Press the cursor down to select Store and confirm with the cursor right.
The message Stored appears for a few seconds.
Repeat steps 3 to 5 to continue finetuning other stored TV channels.

Editing of channels

This feature allows you to edit or skip channels from the channel list which have bad or weak signals or channels which you do not watch often.
Note: Once a channel is skipped, you cannot select it with the -P+ button; you can only access the channel with the digit buttons.

Select Channel Edit in the Install menu;
Press the cursor right to enter the channel list.
Select the channel you want to skip with the cursor left/right.
Press the cursor down.
Select On or Off.
Press the cursor up/down to select another channel and repeat steps 3 - 6.
Press the MENU button to return to the Install menu.
Note: To add back channels to the list, repeat steps 1 to 6.
Use of the remote control RC4334

Note: For most buttons pressing a button once will activate the function. Pressing a second time will de-activate it.
Remark: in VGA mode only some buttons are valid.

VCR DVD TV SAT AMP
Press the SELECT button repeatedly to select one of the system modes in which the remote control can be used. If no action is being undertaken within 2 seconds, the remote control returns to TV mode. After an action in the selected system mode the remote control will remain in this mode for 60 seconds and will then return to TV mode.

INFO Display information
To display the channel number, the name (if it exists), the time, the sound mode and the time remaining on the timer.
II Audio and Video equipment buttons.
TV / PC
Press one of these buttons to switch the television between TV or PC mode.
SURR Sound mode
Incredible surround
With stereo transmission, and when Incredible surround is selected, it seems as though the loudspeakers are spread further apart from one another.

Virtual Dolby Surround
Optimal with Dolby surround * signals. Enables you to experience the effect of Dolby Surround Pro Logic, reproducing a rear sound effect. See Sound menu, Dolby Virtual p. 2.
Note: You can make the same selection in the Sound menu, Dolby Virtual, p. 2.

HD Press this button to use the remote control directly in the HD mode for HD devices (eg. Set Top box).
Press 1x for HD-A mode, press 2x for HD-D mode.

POWER
Press to turn the TV on or off to standby. The TV is never powered off completely unless it is physically unplugged.

OK Press this button to display the program list or to activate your choice or to confirm when in the menus.

MENU Main menu on/off. See p. 2.

CC Closed Caption
On/Off/On during mute, see p. 12.

P Channel selection
To browse through the TV channels or sources stored.

0/9 Digit buttons
To select a TV channel.
For a two digit program number, enter the second digit before the dash disappears. To switch immediately to a selected one digit TV channel, keep the digit button pressed a bit longer.

AV+ To select connected devices, see p. 10.
- To type the digital separator for digital channels.

SLEEP TIMER
To select the length of time before the set automatically turns off (from 15 to 240 minutes).

PIP When in VGA or HDMI Mode, pressing the PIP button will bring up a smaller second window within your main screen enabling you to watch a TV channel and a picture from a device connected to AV3, at the same time. See p. 12.

* Manufactured under license from Dolby Laboratories.
‘Dolby’/‘Pro Logic’ and the double-D symbol are trademarks of Dolby Laboratories.
**SURF**
With this feature you can easily switch between different TV channels/sources that currently interest you.
Press the SURF button. A list appears at the left side of the screen. On top, the most recently channel is displayed.
Press cursor up/down to immediately select the desired TV channel or source of the list.
To add a new channel or source to the 8 channels list: tune to the channel or source you wish to add.
Press the SURF button. Press the cursor right to add.
If there are already eight channels/sources in the list, the one at the bottom of the list will be removed.
To remove a channel or source: select the channel number you want to remove.
Press the SURF button. Press the cursor right to remove.
Press the SURF button or wait for the time out to dismiss the Surf display.

**FORMAT**
Press this button to summon a list of available display formats for showing video images in the traditional 4:3 proportions.
Press this button repeatedly or press the cursor left/right to select another picture format: 4:3, Zoom 14:9, Zoom 16:9, Subtitle Zoom, Superwide, Fullscreen or Widescreen (30PF9946D only).

Superwide removes the black bars on the sides of 4:3 programs with minimal distortion.
Note: in HDMI mode press the FORMAT button to switch between a 4:3 or a Widescreen picture format.

**SAP**
When you tune a channel where SAP (Second Audio Program) is available, you can toggle between Main and SAP. If not available only Main can be selected.

**ACTIVE CONTROL**
On/Off/On with Sensor
Optimizes the quality of the picture according to the quality of reception.

**Auto Sound/Picture**
To select predefined picture and sound settings.
**Personal** refers to the personal preference settings selected in the sound and picture menu.
Note: This Philips TV has been set at the factory to look best in bright store environments which use fluorescent lighting. As your home will likely not be as well lit as a store, we recommend you that you cycle through the various Auto picture modes to find the one that best suits your own viewing conditions.
Buttons on top of the TV

Should your remote be lost or broken you can still change some of the basic settings with the buttons on top of your TV.

Press:
- the \(-\) + button to adjust the volume;
- the \(-\) P/CH + button to select the TV channels or sources.

Press the MENU/OK button to summon the main menu without the remote control.

Use:
- the \(\bigtriangledown\) + button and the \(-\) P/CH + button to select menu items in the directions as shown;
- the MENU/OK button to confirm your selection.

Press the MENU/OK button again to turn off the menu.

Side connections

Camera, Game or Camcorder

1. Connect your camera, game or camcorder as shown.
2. Connect to VIDEO 2 and AUDIO L 3 for mono equipment. For stereo equipment also connect AUDIO R 2.
3. S-VHS quality with an S-VHS camcorder is obtained by connecting the S-VHS cables with the S-VIDEO input 1 and AUDIO inputs 3.
   Do not connect cables 1 and 2 at the same time. This may cause picture distortion!

Headphone (only for 30PF9946D)

1. Insert the plug into the headphone socket as shown.
2. Press \(\square\) on the remote control to turn off the internal loudspeakers of the TV.
   The headphone impedance must be between 8 and 4000 Ohm. The headphone socket has a 3.5 mm jack.

Rear connections

There is a wide range of audio and video devices that can be connected to your TV. The following connection diagrams show you how to connect them to the TV.

AV1 can handle YPbPr and CVBS; AV2 CVBS and Y/C; AV3 HDMI and VGA - VGA can handle VGA, SVGA (and if 30PF9946 also XGA) and 480p, 576p, 720p and 1080i.
Recorder (VCR-DVD+RW)

Note: Do not place your recorder too close to the screen as some recorders may be susceptible to signals from the display. Keep a minimum distance of 50 cm from the screen.

Recorder and other A/V devices

If your recorder has an S-VHS video jack:

For improved picture quality, connect an S-video cable with the S-VIDEO input. S-VHS does not provide audio, so the mini-jack to cinch cable must still be connected to provide sound.

Devices with Component Video Output Connectors (YPbPr)

Connect the three separate component video cables to the device having component video outputs (YPbPr), such as DVD-players, laser-disc players, videogame players, satellite receivers, or other equipment and to the Y, Pb and Pr jacks of AV1 on the TV.

Connect the audio cable to the device’s AUDIO L and R jacks and to the L and R audio YPbPr jacks of AV1.

For reproduction of CVI (Component Video Input) also connect to the CVBS jack of AV1. See the handbook of your DVD player.

Note: the labels for the component video sockets may differ depending on the DVD player or the device connected. Although the abbreviations may vary the letters B and R stand for blue and red component signals, respectively, and Y indicates the luminance signal. Refer to the DVD player's or device's instructions for use for definitions and connection details.
**Devices with Progressive scan output** (e.g. a digital Set Top box, a video game console or Progressive scan DVD player (480p, 576p, 720p or 1080i))

Connect the device with **2Fh YPbPr** output to the **VGA** connector (with the supplied adapter cable **VGA to cinch**) and to the **L** and **R AUDIO** jacks of **AV3**. See also the manual of your High Definition device.

Note: This television is designed to accept high definition signal standards 480p, 576p, 720p and 1080i as specified by the Electronic Industries Association standard EIA770.3. Digital devices from different manufacturers have the possibility of differing output standards which may cause difficulties for the television to properly display.

Warning: In case you notice scrolling images, wrong colors or no colour, no picture, or even combinations of these on your screen, check if the connections are done in the correct way or move your digital device further away from your TV.

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**Connect your computer**

You may connect your computer to the **VGA** connector of **AV3** or to the **HDMI** connector (see further).

1. Connect one end of a VGA cable to the video card of the computer and the other end to the **VGA Y/Pb/Pr 2Fh** connector at the bottom of the TV. Fix the connectors firmly with the screws on the plug.

2. In case of a Multimedia computer, connect the audio cable to the audio outputs of your Multimedia computer and to the **AUDIO R** (right) and **L** (left) inputs.

The **VGA** connector allows the following TV and monitor display modes:

- **VGA**: 640 x 480 60 Hz
- **SVGA**: 800 x 600 60 Hz
- **XGA**: 1024 x 768 60 Hz

Note: If possible, use the XGA1024x768@60Hz video mode to obtain the best image quality for your 30PF9946D LCD monitor.
HDMI (High Definition Multimedia Interface) connector

HDMI is the leading new standard for Digital High Definition video and audio interconnection. Eg. with a Digital Set top box, with HDMI-equipped devices like a DVD-R, AV receiver...

Note: The HDMI connector does **NOT** support DVI devices with analogue audio.

The HDMI connector allows
- the following TV and monitor display modes:
  - EDTV 640/720 x 480p
  - 720 x 576p
  - HDTV 1920 x1080i
  - VGA 640 x 480  60 Hz
  - SVGA 800 x 600  60 Hz
  - XGA 1024 x 768  60 Hz
- uncompressed HD content
- encrypted or non encrypted signals.

Connect the digital HDMI output of your HD device (e.g. DVD player, Set Top Box..) to the HDMI connector of your TV.

Notes:
- Proper working is only guaranteed with HDMI compliant consumer products.
- Digital devices from different manufacturers have the possibility of differing output standards which may cause difficulties for the television to properly display;
- If the set is cold, there may be a small "flicker" when the set is turned on. This is normal, there is nothing wrong with the set.

**To select connected devices**

According to where you connected the accessory devices, press
- **AV+** followed by digit ’1’ to select **AV1**
- **AV+** followed by digit ’2’ to select **AV2**
- **AV+** followed by digit ’3’ to select **REAR** for a device connected to the rear or to the side (according to the type of TV you’ve purchased), see p. 7
- **AV+** followed by digit ’4’ to select **HD-A** for a HD-A device connected to **AV3**, see p. 9
- **AV+** followed by digit ’4’ again to select **HD-D** for a HD-D device connected to **AV3**, see p. 10
- **AV+** followed by digit ’5’ to select **PC-A** for a PC connected to **AV3**, see p. 9

Note: When in HD or PC mode, first press the TV button to return to TV mode or to select **AV1, AV2** or **REAR** again.
Features menu

Timer
This menu lets you use the TV set as an alarm.
1 Press the MENU button.
2 With the cursor, select Features, then Timer.
3 Time: enter the current time with the digit buttons.
4 Start Time: enter the start time.
5 Stop Time: enter the standby time.
6 Channel No: enter the number of the channel for the wake-up alarm.
7 Activate: the settings include:
   - Once for a single alarm;
   - Daily for each day;
   - Off to cancel.
8 Display: press the cursor right to select On or Off, according to if you want to display the current time on the TV screen or not.
9 Press the STOP button on the remote control to put the TV set in standby. It will automatically come on at the time programmed. If you leave the TV set on, it will just change programs at the time entered (and will go to standby mode at the Stop Time).

Child Lock
Press the MENU button.
1 With the cursor, select Features, then Child Lock.
2 Press the cursor right to enter the Child Lock menu.
   You are asked to enter your Access Code.
   Note: You have to re-enter your code each time you enter the child lock menu.

Important: You have forgotten your code?
See further, Change Code

Child Lock functions

• Lock channel
Select the TV channel you want to lock. Press the cursor right to lock the channel.
Repeat for any channels you want to lock from viewing.

• Lock HD
To lock the devices connected to AV3.

• Change Code
To change your lock Access Code. Enter your current access code or the overriding code 0, 7, 11 and enter a new personal access code. The previous code is erased and the new code is stored.

• Clear all
To unlock all locked channels and programming until the TV is shut off. When powered back on, all previously locked channels will be locked again.

• Lock all
To lock all channels and programming at once.
In the OFF mode, you go back to the individual locked channels.
Closed Caption

Closed Captioning allows you to read the voice content of television programs on the TV screen assuming that the service is available in the broadcast. Designed to help the hearing impaired, this feature uses on-screen 'text boxes' to show dialogue and conversations while the TV program is in progress. Captions will appear on the screen during captioned broadcasts.

1. Press the MENU button.
2. With the cursor, select Features, then Closed Caption.
3. Press the cursor right.
4. Select Off, CC-1, CC-2 or CC-MUTE.
   When Off is selected, the TV will not display Closed Caption information:
   When CC-MUTE is selected the TV will automatically display CC-1 when the mute function is active. When the mute function is not active, the TV will not display Closed Caption information.
   Usually CC-1 is the most used, CC-2 may be used for alternated languages if they are being transmitted, Dialogue (and descriptions) for the action on the captioned TV programs shown on screen.

Note: The captions do not always use correct spelling and grammar. Not all TV programs and product commercials are made for broadcast with Closed Caption information included. Refer to your area’s TV program listings for the TV channels and times of Closed Caption shows. The captioned programs are usually noted in the TV listings with service marks such as ‘CC’.

This television provides display of television closed captioning conforming with the EIA-608 standard and in accordance with Sections 15.119 of the FCC rules.

PIG (Picture in Graphics)

The Picture In Graphics feature allows you to call up a smaller second window within your main screen enabling you to watch a TV channel and a picture from a digital device connected to HDMI (AV3) (Digital High Definition device), at the same time.

1. Press the MENU button.
2. With the cursor, select Features, then PIG.
3. Press the cursor right to select the available PIG sizes: Off, Small, Medium, Large or Side-by-side.

When having selected a size, and a device is connected to HDMI (AV3) and switched on, the PIG window automatically appears. Press the P- or P+ button or the digit buttons to select other TV channels or to display the HDMI (AV3) device window in the main screen.

4. Select Horizontal or Vertical to move the PIG window to another corner of the main screen.

PIG Combinations:

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<td>TV/A-HD/VGA</td>
<td>HDMI</td>
</tr>
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</table>
Using in PC monitor mode

Your TV can be used as a computer monitor. You must first of all connect the computer and adjust the resolution (see p. 9).

Choosing PC mode

Press the PC button on the remote control to switch the TV to PC mode. Press the TV button to return to TV mode. If there is no PC signal for more than five seconds, the TV automatically goes into standby mode.

Using the PC menus

Press the MENU button to access the specific settings of the PC monitor mode. Use the cursor buttons to adjust them (the settings are automatically saved).

Picture

- Brightness/Contrast: to adjust the brightness and contrast.
- Horizontal/Vertical: to adjust the horizontal and vertical placing of the image.
- Color Temperature: to adjust the colors (cool, normal or warm).

Audio selection

To choose the sound reproduced on the TV (PC/HD or TV).

Note:
- You must choose TV mode before going to TV/HD mode.
- To listen to the sound from a HD device in PC mode, take care you also connected the audio cables to the HD device.

Features

- Phase/Clock: eliminates the horizontal (Phase) and vertical (Clock) interfering lines.
- Format: to choose between large screen (Fullscreen) or the original (Native) format of the PC screens.
- PIG: change the Size and Position of the PIG window on the screen when the PIP button on the remote control is used.
- Auto Adjust: Position is set automatically.

Factory Preset

To return to the factory settings

Mode

To come back to TV mode.
Record with your recorder

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

**Record a TV program**

You can record a TV program using your recorder's tuner without affecting your TV.

1. Select the channel number on your recorder.
2. Set your recorder to record.
   - See the handbook for your recorder.

*Switching channel numbers on your TV does not disturb recording!*

**Record a recorder from MONITOR OUT**

You can record a program on your recorder from the TV tuner via MONITOR OUT.

1. Switch on the device.
2. Select the correct channel on your TV and the correct input on your recorder.
3. Set your recorder to record.

   You record the tuner channel of the TV, even when you switch to an AV input using the **AV+** button on the remote control.

*Do not switch channels or turn off your TV when you are recording through MONITOR OUT.*
### Before Calling Service

<table>
<thead>
<tr>
<th>Symptoms</th>
<th>Items to Check and Actions to follow</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;Ghost&quot; or double images</td>
<td>• This may be caused by obstruction to the antenna due to high rise buildings or hills. Using a highly directional antenna may improve the picture.</td>
</tr>
<tr>
<td>No power</td>
<td>• Check that the TV's AC power cord is plugged into the mains socket. • Unplug the television, wait for 60 seconds. The re-insert plug into the mains socket and turn on the television again.</td>
</tr>
<tr>
<td>No picture</td>
<td>• Check antenna connections at the bottom of the TV to see if it properly connected to the TV. • Possible broadcast station trouble. Try another channel. • Adjust the contrast and brightness settings. Try another auto picture setting. • Check the Closed Caption control. Some TEXT modes could block the screen. • Switch your HDMI-source to a correct display mode.</td>
</tr>
<tr>
<td>No picture and power switched on</td>
<td>• Your TV has a protective mode in case there is too much heat build-up. Check the clearance around the vents of the device to be certain there are no blocking walls or cabinets which would limit the air flow.</td>
</tr>
<tr>
<td>No sound</td>
<td>• Increase the VOLUME. • Check that the TV is not muted, press the button on the remote control. • When no signal is detected, the TV automatically switches off the sound. This is proper operation and does not indicate a malfunction.</td>
</tr>
<tr>
<td>Good sound but poor color or no picture</td>
<td>• Adjust the contrast, color, tint and brightness setting. Try another auto picture setting.</td>
</tr>
<tr>
<td>Poor picture</td>
<td>• Check the HDMI connection.</td>
</tr>
<tr>
<td>Snowish picture and noise</td>
<td>• Check the antenna connection.</td>
</tr>
<tr>
<td>Television not responding to remote control</td>
<td>• Check whether the batteries are working. Replace if necessary. • Close the remote control sensor lens on the TV. • Operating range between TV and the remote control should not be &gt; 6 meter. • You can still use the buttons on the top side of your TV. • Check if the remote control is in the correct mode.</td>
</tr>
<tr>
<td>Control of accessory devices</td>
<td>• The infrared signals of the screen may influence the reception sensibility of other peripherals. Solution: replace the batteries of the remote control of other devices. E.g. keep away a wireless headphone from within a radius of 1 meter.</td>
</tr>
<tr>
<td>No stable or not synchronized VGA picture</td>
<td>Check if you have selected the correct VGA mode in your PC.</td>
</tr>
</tbody>
</table>

### Power

Your TV consumes energy in the standby mode. Energy consumption contributes to air and water pollution. Power consumption: 2 W.

### Miscellaneous

- Ambient temperature: +5~ +40°C
- Mains: 50/60 Hz - Auto voltage ranging from 100 to 250V.
- Power consumption: around 135W
- Standby consumption: < 2 W
- Weight (excl. packaging): 30PF9946D: 18 Kg; 42PF9946D: 42 Kg
- Dimensions (wxdh): 30PF9946D: 895 x 490 x 110
  42PF9946D: 1074 x 644 x 135
Tips

How to dispose of 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.

Warning concerning stationary images on the TV screen
A characteristic of Plasma Display Panels is that displaying the same image for a long time can cause a permanent after-image to remain on the screen. This is called phosphor burn in. Normal use of the TV should involve the showing of pictures that contain constantly moving and changing images that fill the screen.

Examples of stationary images (this is not an all-inclusive list, you may encounter others in your viewing):
- TV menus;
- Black bars: when black bars appear at the left and right side of the screen, it is recommended to change to a picture format so that the picture fills the entire screen;
- TV channel logo: present a problem if they are bright and stationary. Moving or low-contrast graphics are less likely to cause uneven aging of the screen;
- Stock market stickers: presented at the bottom of the TV screen;
- Shopping channel logos and pricing displays: bright and shown constantly or repeatedly in the same location on the TV screen.

Examples of still pictures also include logos, computer images, time display, teletext and images displayed in 4:3 mode, static images or characters, etc.

Notes:
- reduce contrast and brightness when viewing
- once burn-in occurs it will never disappear completely.