



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for APPLE I999. You'll find the answers to all your questions on the APPLE I999 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

- User manual APPLE I999
- User guide APPLE I999
- Operating instructions APPLE I999
- Instructions for use APPLE I999
- Instruction manual APPLE I999



(Image: TC-42PS14)

## Panasonic®

Operating Instructions  
42"/50"/54" Class 1080p Plasma HDTV  
(41.6/49.9/54.1 inches measured diagonally)

Manual de instrucciones  
Televisión de alta definición de 1080p y  
clase 42"/50"/54" de Plasma  
(41.6/49.9/54.1 pulgadas medidas diagonalmente)

Model No. **TC-42PS14**  
Número de modelo **TC-50PS14**  
**TC-54PS14**

### Contents

**Please read before using the unit**

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For more detailed instructions, refer to the Operating Instructions on the CD-ROM. To view the Operating Instructions on the CD-ROM, you need a computer equipped with a CD-ROM drive, and Adobe® Reader® (Version 7.0 or later is recommended) installed on your computer. Depending on the operating system or settings on your computer, the Operating Instructions may not start automatically. In this case, open the PDF file under \MANUAL\PDF manually to view the instructions.

Para obtener instrucciones más detalladas, consulte las instrucciones de manejo contenidas en el CD-ROM. Para ver las instrucciones de manejo contenidas en el CD-ROM, se necesita un ordenador equipado con una unidad de CD-ROM, y que tenga instalado Adobe® Reader® (se recomienda la versión 7.0 o posterior). Dependiendo del sistema operativo o de las configuraciones del ordenador, las instrucciones de manejo pueden no iniciarse automáticamente. En tal caso, abra manualmente el archivo PDF en \MANUAL\PDF para visualizar las instrucciones.

**English** Please read these instructions before operating your set and retain them for future reference. The images shown in this manual are for illustrative purposes only.

**Español** Lea estas instrucciones antes de utilizar su televisor y guárdelas para consultarlas en el futuro. Las imágenes mostradas en este manual tienen solamente fines ilustrativos.

TQ82AA084-2



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**Manual abstract:**

0 or later is recommended) installed on your computer. Depending on the operating system or settings on your computer, the Operating Instructions may not start automatically. In this case, open the PDF file under \MANUAL\PDF manually to view the instructions. Para obtener instrucciones más detalladas, consulte las instrucciones de manejo contenidas en el CD-ROM. Para ver las instrucciones de manejo contenidas en el CD-ROM, se necesita un ordenador equipado con una unidad de CD-ROM, y que tenga instalado Adobe® Reader® (se recomienda la versión 7.0 o posterior). Dependiendo del sistema operativo o de las configuraciones del ordenador, las instrucciones de manejo pueden no iniciarse automáticamente. En tal caso, abra manualmente el archivo PDF en \MANUAL\PDF para visualizar las instrucciones. English Español Please read these instructions before operating your set and retain them for future reference. The images shown in this manual are for illustrative purposes only.

Lea estas instrucciones antes de utilizar su televisor y guárdelas para consultarlas en el futuro. Las imágenes mostradas en este manual tienen solamente fines ilustrativos. TQB2AA0814-2 Safety Precautions CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN WARNING: To reduce the risk of electric shock, do not remove cover or back. No user-serviceable parts inside. Refer servicing to qualified service personnel.

The lightning flash with arrowhead within a triangle is intended to tell the user that parts inside the product are a risk of electric shock to persons. The exclamation point within a triangle is intended to tell the user that important operating and servicing instructions are in the papers with the appliance.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. Do not place liquid containers (flower vase, cups, cosmetics, etc.) above the set (including on shelves above, etc.

). Important Safety Instructions Read these instructions. Keep these instructions. Heed all warnings. Follow all instructions. Do not use this apparatus near water. Clean only with dry cloth. 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. 1) 2) 3) 4) 5) 6) 7) 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. 15) To prevent electric shock, ensure the grounding pin on the AC cord power plug is securely connected. FCC STATEMENT 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 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/TV technician for help. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. FCC Caution: To assure continued compliance, follow the attached installation instructions and use only shielded interface cables when connecting to computer or peripheral devices. Any changes or modifications not expressly approved by Panasonic Corp. of North America could void the user's authority to operate this device. FCC Declaration of Conformity Model No. TC-42PS14, TC-50PS14, TC-54PS14 Responsible Party: Contact Source: email: Panasonic Corporation of North America One Panasonic Way, Secaucus, NJ 07094 Panasonic Consumer Electronics Company 1-877-95-VIERA (958-4372) consumerproducts@panasonic.com 2 CANADIAN NOTICE: For Model TC-42PS14, TC-50PS14, TC-54PS14 This Class B digital apparatus complies with Canadian ICES-003. WARNING/CAUTION WARNING Small parts can present choking hazard if accidentally swallowed.

Keep small parts away from young children. Discard unneeded small parts and other objects, including packaging materials and plastic bags/sheets to prevent them from being played with by young children, creating the potential risk of suffocation. This Plasma TV may fall and can cause personal injury or even death if not insV and the pedestal or stand surface clear from objects that may obstruct ventilation. To prevent fire or electric shock: The Plasma TV is designed to operate on a 120 V AC, 60 Hz service. Insert the power cord plug as far as it will go into the wall socket. If the plug is not fully inserted, heat may generate, which could cause a fire. The included power cord is for use with this unit only. Do not use any power cord other than that provided with this TV.

Do not handle the power cord plug with wet hands. Do not do anything that might damage the power supply cord.

AC Power Supply Cord When Moving the Plasma TV Be sure to disconnect all cables before moving the Plasma TV. Moving the TV with its cables attached might damage the cables which, in turn, can cause fire or electric shock To prevent an electric shock, disconnect the power plug from the wall outlet as a safety precaution before carrying out any cleaning.



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**3 Safety Precautions (Continued)** Transport only in upright position Transporting the unit with its display panel facing upright or downward may cause damage to the internal circuitry. Using a dry cloth, clean any dust from the power supply cord and plug regularly. Build-up of dust on the power cord plug can increase humidity, which might damage the insulation and cause a fire.

This Plasma TV radiates infrared rays; therefore, it may affect other infrared communication equipment. Install your infrared sensor in a place away from direct or reflected light from your Plasma TV. The TV will still consume some power as long as the power supply cord is connected to the wall outlet. Display panel is made of glass. Do not apply strong force or impact to the display panel.

This may cause damage resulting in injury. The TV is heavy. TV should be handled by 2 or more people. Support as shown to avoid injury by the TV tipping or falling. CEA CHILD SAFETY NOTICES: 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 may cause personal injury or even death. The consumer electronics industry (of which Panasonic is a member) is committed to making home entertainment enjoyable and safe. To prevent personal injury or death, be sure to follow the following safety guidelines: 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.

- Don't allow children to climb on or play with furniture and television sets.
- 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 "larger than life" flat panel displays. Care should be taken to 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 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. Panasonic recommends that a qualified installer perform the wall-mount installation. See page 3.

**4 Notes** This causes the image to remain on the plasma screen ("Image retention"). This is not considered a malfunction and is not covered by the warranty. To prevent "Image retention", the screen saver is 12 4:3 automatically activated after a few minutes if no signals are sent or no operations are performed. Do not display a still picture for a long time and • Channel number in 4:3other logos mode • Image displayed Video game Computer image • SD Card photo • •

Typical still images □ Set up Accessories/Optional Accessory Accessories Check you have all the items shown. (Accessories) Remote Control Transmitter Batteries for the Remote Control Transmitter (2) AA Battery Do not place the unit where it's exposed to sunlight or other bright light (including reflections). Use of some types of fluorescent lighting may reduce the remote control's transmission range. Cleaning cloth AC cord N2QAYB000321 Pedestal TBLX0088 (TC-42PS14) TBLX0089 (TC-50PS14) Operating Instructions TBLX0102 (TC-54PS14) Quick Setup Guide Product Registration Card (U.S.A.) Customer Care Plan Card (U.S.A.) Optional Accessory Note In order to maintain the TV's performance and safety, be absolutely sure to ask your dealer or a licensed contractor to secure the wall-hanging brackets. Carefully read the instructions accompanying the plasma TV stand or pedestal, and be absolutely sure to take steps to prevent the TV from tipping over. Handle the TV carefully during installation since subjecting it to impact or other forces may cause its panel to crack.

Wall-hanging bracket (angle) TY-WK4P1RW (for 42"50") TY-WK5P1RW (for 54") Installing the remote's batteries Open Close Caution Incorrect installation may cause battery leakage and corrosion, resulting in damage to the remote control. Hook Note the correct polarity (+ or -). • Do not mix old and new batteries. (such not mix different battery • Doalkaline and manganese types as batteries). use • Do notburnrechargeable (Ni-Cd) batteries. Do not or break batteries. 5 Attaching the pedestal to TV □Assembling the pedestal □Set-up Fix securely with assembly screws A . (Total 4 screws) Tighten screws firmly. A Carry out work on a horizontal and level surface. Tighten screws firmly.

Bottom view Arrow mark Assembly screws (4 of each) A (for 42"50") M5 × 18 (Silver) (for 54") M5 × 25 (Silver) B Accessories Pole B R Rear side L Pole Front Hole for pedestal installation Pole Pole Base (Image: TC-42PS14) (for 42"50") M5 × 25 (Black) (for 54") M5 × 30 (Black) Poles (2) L L or R is printed at the bottom of the poles. Base (Image: TBLX0088) Fix securely with assembly screws B . (Total 4 screws) R Base (1) (for 42"50") (for 54")

Warning Do not disassemble or modify the pedestal. Otherwise the TV may fall over and become damaged, and personal injury may result. Do not use any other TV and displays.

Otherwise the TV may fall over and become damaged, and personal injury may result. Do not use the pedestal if it becomes warped or physically damaged. If you use the pedestal when it is physically damaged, personal injury may result. Contact your nearest Panasonic Dealer immediately. During set-up, make sure that all screws are securely tightened.

If sufficient care is not taken to ensure screws are properly tightened during assembly, the pedestal will not be strong enough to support the TV, and it might fall over and become damaged, and personal injury may result. Caution AC cord connection To attach To remove Keep pushing both side snaps and pull down Insert it firmly until the tabs on both sides click into place. 6 Basic Connection Example 1 TV VHF/UHF Antenna Cable TV Connecting Antenna (To watch TV) • NTSC (National Television System Committee): Conventional broadcasting • ATSC (Advanced Television Systems Committee): television Digital TV Standards include digital high-definition VHF/UHF Antenna (HDTV), standard-definition television (SDTV), data broadcasting, multi-channel surround-sound audio and interactive television.



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To connect the antenna terminal and Cable Box VHF/UHF Antenna AC 120 V 60 Hz Cable TV or AC Cord (Connect after all the other connections have been made.) Back of the TV \* See page 6 (AC cord connection) H (If no Cable Box) or Y PB VIDEO PR L AUDIO R ANT IN ANT OUT • You need to subscribe to a cable TV service to enjoy viewing their programming. Cable Box, set the CH3 or CH4 for • If using aenjoy high-definitionTV channel to by subscribing to regular cable. a high • You can cable Service. programming definition • The connection for high-definition can be done with the use of HDMI or Component Video cable. To view high-definition programming select the correct video input. Cable Box/Cable Cable Box Note Not all cables and external equipment shown in this book are supplied with the TV.

For more details on the external equipment's connections, please refer to the operating manuals for the equipment. When disconnecting the power cord, be absolutely sure to disconnect the power cord plug from the wall outlet first. For additional assistance, visit us at: [www.panasonic.com](http://www.panasonic.com) [www.panasonic.ca](http://www.panasonic.ca) 7 Basic Connection (Continued) Example 2 TV Connecting DVD recorder (VCR) (To record/playback) AV Equipment (e.g. DVD Recorder or VCR) VHF/UHF Antenna DVD Recorder If the source has a higher resolution signal (480p/720p/1080i/1080p), connection can be made with the use of a Component Video or HDMI cable. VCR Connection can be made with the use of an RF cable and Composite Video/S Video cable.

To connect the antenna terminal and DVD recorder or VCR VHF/UHF Antenna AC 120 V 60 Hz AC Cord Back of the TV \* See page 6 (AC cord connection) HDMI 1 HDMI 2 B Y Y A S VIDEO PB PB C VIDEO PR L PR L L AUDIO R RR COMPONENT 1 IN 2 VIDEO IN 1 D ANT IN ANT OUT Connecting TV and AV equipment Please refer to A - D on p. 10 AV Equipment (e.g. DVD Recorder or VCR) (with TV tuner) 8 Example 3 TV Connecting DVD recorder (VCR) and satellite receiver DVD Recorder or VCR Satellite Receiver VHF/UHF Antenna You can enjoy high-definition programming by subscribing to high-definition satellite service. Connection can be done with the use of HDMI or Component Video cable.

To connect the antenna terminal and Satellite Receiver and DVD recorder or VCR VHF/UHF Antenna AC 120 V 60 Hz AC Cord Back of the TV \* See page 6 (AC cord connection) HDMI 1 HDMI 2 B Y Y A S VIDEO PB PB C VIDEO PR L PR L L AUDIO R RR COMPONENT 1 IN 2 VIDEO IN 1 D ANT IN ANT IN ANT OUT Connecting TV and AV equipment Please refer to A - D on p. 10. Satellite Receiver DVD Recorder or VCR (with TV tuner) Note For details of external equipment connections, please refer to the operating manuals for the equipment. 9 Basic Connection (Continued) AV cable connections A To use HDMI terminals HDMI 1 HDMI 2 AV Equipment HDMI AV OUT e.g.

Blu-ray Disc player Connecting to HDMI terminals will enable you to enjoy high-definition digital images and high-quality sound. The HDMI connection is required for a 1080p signal. Note Some programs contain a copyright protection signal to prevent recording. When the copyright protection program is displayed, do not connect the other TV monitor through a VCR. Video signals fed through VCRs may be affected by copyright protection systems and the picture will be distorted on the other TV monitor. @@@@ Use for digital channels. @@@@ Typical when Cable/Satellite box is connected to a TV input. @@@@ ... ..

@@@ Use for digital channels. @@@ Typical when Cable/Satellite box is connected to a TV input. @@@ ... ..

.. @@@@ (Home theater/TV) VIERA Link menu is accessible directly by pressing the VIERA Link button on the remote control. Timer Sleep, Timer 1-5 Lock SD card SD card Closed Caption Closed Caption VIERA Link Picture Audio VIERA Link control Speaker output • Reset to defaults Picture mode Contrast, Brightness, Color, Tint, Sharpness Color temp. C.

A.T.S. Video NR Zoom adjustments PC adjustments 3D Y/C filter Color matrix MPEG NR Black level HD size Advanced picture Advanced audio Resets all picture adjustments to factory default settings except for "Advanced picture". Basic picture mode (Vivid/Standard/Cinema/Custom) Adjusts color, brightness, etc. for each picture mode to suit your taste Display range Contrast/Brightness/Color/Sharpness: 0 - 100 Tint: -50 - +50 • Selects a choice of Cool (blue), Normal, or Warm (red) color. (Cool/Normal/Warm) Adjusts the brightness and gradation according to the ambient lighting condition. (Off/On) Reduces noise, commonly called snow. Leave it off when receiving a strong signal. (Off/On) Adjusts vertical alignment and size when aspect setting is "ZOOM" Sets PC display Minimizes noise and cross-color in the picture.

(On/Off) Selects image resolution of component-connected devices (HD/SD) SD: Standard Definition HD: High Definition Only 480p signal accepted; regular TV (NTSC) is not available. • • Reduces noise of specific digital signals of DVD, STB, etc. (On/Off) Selects Dark or Light. Valid only for external input signals. (Dark/Light) Selects between 95 % (Size 1) or 100 % (Size 2) for the scanning area with High-definition signal. (Size 1/Size 2) Select "Size 1" if noise is generated on the edges of the screen. Size 1: Selected item for "HD size". Scanning 95 % Size 2: Selected item for "HD size". Scanning 100 % • • H size Reset to defaults Bass Treble Balance Surround TV speakers HDMI 1 in HDMI 2 in HDMI 3 in Adjust horizontal display range to reduce noise of both side edges of an image. (Size 1/Size 2) Size 2: Adjust image size according to aspect mode for reducing noise.

Resets Bass, Treble and Balance adjustments to factory default settings. Increases or decreases the bass response. Increases or decreases the treble response. Emphasizes the left / right speaker volume. Enhances audio response when listening to stereo.

(On/Off) Switch to "Off" when using external speakers (On/Off) "Surround" and "Volume leveler" do not work if "Off" is selected. Volume leveler Minimizes volume disparity after switching to external inputs. • The default setting is "Digital" for HDMI connection. (Digital input signal) Select audio input terminal when DVI cable is connected. (Analog audio input signal) (Digital/Component 1/Component 2/Video 1/Video 2) The TV can automatically turn On/Off at the designated date and time Locks the channels and programs Displays SD card data Displays subtitles (Closed Caption) 16 In AV mode, the Audio menu and Setup menu give fewer options.

(Continued) □ Menu list Menu Item Channel surf mode Language Clock ANT/Cable setup Connected devices Anti Image retention VIERA Link settings ECO/power saving Advanced setup Menu Input labels Adjustments/Configurations (alternatives) Sets the mode to select the channel with Channel up/down button (All/Favorite/Digital only/Analog only) Favorite: Only channels registered as FAVORITE Selects the screen menu language • Adjusts the clock Sets channels Selects the terminal and label of the external equipment Prevents "Image retention" with Wobbling.



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(Automatic/Periodic) Automatic: Shifts the display image automatically. Periodic: Shifts the display image every (1/2/3/4) minutes according to what was set in the "Time (minutes)" menu. Time (minutes) Sets the time for "Pixel orbiter-Periodic" setting. (1/2/3/4) Change the brightness of the side bar (Off/Dark/Mid/Bright) (4:3 mode only) 4:3 side bars The recommended setting is "Bright" to prevent panel "Image retention". Press "OK" to start horizontal "Scrolling" on the screen Scrolling bar Controls equipment connected to HDMI terminals (On/Off) "Power off link", "Power on link", "Stand-by power save", "Auto power stand-by" and "Default VIERA Link speakers" cannot be selected if "Off" is set. Power on link Sets "Power on link" of HDMI connection equipment (Yes/No) Pixel orbiter ••••Power off link Stand-by power save Auto power stand-by Default speakers Sets "Power off link" of HDMI connection equipment (Yes/No) Set "Stand-by power save" of HDMI connection equipment. (No/Yes) Set "Auto power stand-by" of HDMI connection equipment. (No/Yes (with reminder)/Yes (no reminder) Selects the default speakers (TV/Theater) □ Sub menu list Setup SUB MENU Setup To conserve energy, the TV automatically turns off when NO SIGNAL and NO OPERATION is performed for more than 10 minutes. (Enable/Disable) Note Not in use when setting "Auto power on", "On/Off Timer", "Lock", "SD mode" or Digital No signal for 10 channel.

minutes "No signal for 10 minutes was activated" will be displayed for about 10 seconds when the TV is turned on for the first time after turning the power off by "No signal for 10 minutes". The on-screen display will flash 3, 2 and 1 to indicate the last three (3) remaining minutes prior to the shut-off. To conserve energy, the TV automatically turns off when no operation of remote or side panel key continues for more than 3 hours. (Enable/Disable) Note No activity for 3 Not in use when setting "Auto power on", "On/Off Timer" or PC input display. "No activity for 3 hours was activated" will be displayed for about 10 seconds when the TV is hours turned on for the first time after turning the power off by "No activity for 3 hours". The on-screen display will flash 3, 2 and 1 to indicate the last three (3) remaining minutes prior to the shut-off. Turns TV On automatically when the cable box or a connected device is turned On (No/Yes) TV AC cord must be plugged into this device. TV comes on every time the power is restored. Auto power on The "Sleep" timer, "On / Off timer", and "First time setup" will not function if "Auto power on" is set. Set "Thumbnail" or "Slideshow" to play back SD cards automatically.

Play SD card (Slideshow/Thumbnail/Set later/Off) automatically •••••About Reset to defaults Item Channel surf mode Set favorite Edit CH caption Signal meter Displays TV version and software license. Performing Reset will clear all items set with Setup, such as channel settings.

Adjustments/Configurations (alternatives) Sets the mode to select the channel with Channel up/down button (All/Favorite/Digital only/Analog only) Sets favorite channels. Changes the station identifier. Checks the signal strength if interference or freezing occurs on a digital image.

17 FAQ Before requesting service or assistance, please follow these simple guides to resolve the problem. If the problem still persists, please contact your local Panasonic dealer or Panasonic Service Center for assistance. For additional assistance, please contact us via the website at:

[www.panasonic.com/contactinfo](http://www.panasonic.com/contactinfo) www.

panasonic.ca White spots or shadow images (noise) Check the position, direction, and connection of the antenna. Interference or frozen digital channels (intermittent sound) Pictures from external equipment are distorted when the unit is connected via HDMI Is the HDMI cable connected properly? Turn Off the TV unit and equipment, then turn them On again. Check an input signal from the equipment. Use equipment compliant with EIA/CEA-861/861B. Change the direction of antenna for digital channels. Check "Signal meter". If the signal is weak, check the antenna and consult your local dealer. When the channel is changed on an STB that is connected with HDMI, "HDMI" may be displayed on the top left of the screen This is not a malfunction. The remote control does not work Are the batteries installed correctly? Are the batteries new? Recording does not start immediately Check the settings of the recorder.

For details, read the manual of the recorder. 18 If there is a problem with your TV, please refer to the table below to determine the symptoms, then carry out the suggested check. If this does not solve the problem, please contact your local Panasonic dealer, quoting the model number and serial number (both found on the rear of the TV). Problem Actions The function to prevent "Image retention" is activated. (Not a faulty symptom) is •The screen saverSD activated if the TV unit is not operated for a certain time in mode. • "Image retention" (p. 5) "Press any button to return" moves on the screen Some spots remain bright or dark Chaotic image, noisy Screen Sound TV set The Plasma panel is made up of a few million pixels and is produced with advanced technology through an intricate process. Sometimes a few pixels may be bright or dark. These pixels do not indicate a defective panel and will have no impact on the performance of the TV. Check nearby electrical products (car or motorcycle ignition systems, fluorescent lamp, etc.

) Check Picture menu Check the cable connections. Check that the correct input has been selected. Check the channel settings. Check the antenna cables. Is the AC power cord plugged into the outlet? Is the TV unit turned On? Check Picture menu and volume.

Check the AV cable connections. Check that the correct input has been selected. Change settings of Closed Caption (CC). Are the speakers' cables connected correctly? Is "Sound Mute" active? Is the volume set to the minimum? Is "TV speakers" set to "Off"? Change "SAP" settings. Check "HDMI 1 in", "HDMI 2 in" or "HDMI 3 in" settings.

Set "SAP" setting to "Stereo" or "Mono". Check the HDMI device connected to the unit. Set the audio setting of the HDMI device to "Linear PCM". If digital sound connection has a problem, select analog sound connection. 1- Changes in the temperature and humidity of the room may cause the TV's cabinet to expand or contract and produce metallic sounds.



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This is not a sign of faulty operation or a malfunction. 2- The TV may have a cooling fan that makes a soft whir. This is not a sign of faulty operation or a malfunction. 3- When the TV is powered on, an electrical component in the TV activates producing a tick/click sound. This is not a sign of faulty operation or a malfunction.

4- Electrical circuits are active while the TV set is on. This is not a sign of faulty operation or a malfunction. No image can be displayed Only spots are displayed instead of images Neither image nor sound is produced Black Box appears No sound is produced Sound is unusual Unknown sound heard 1- Sounds from TV cabinet 2- Whirring sound 3- Tick/Click sound 4- Buzzing sound Parts of the TV set become hot. Even when the temperature of parts of the front, top and rear panels has risen, these temperature rises will not pose any problems in terms of performance or quality. 19 Limited Warranty (for U.S.A. and Puerto Rico only) PANASONIC CONSUMER ELECTRONICS COMPANY, DIVISION OF PANASONIC CORPORATION OF NORTH AMERICA One Panasonic Way Secaucus, New Jersey 07094 Panasonic Plasma Television Limited Warranty Limited Warranty Coverage If your product does not work properly because of a defect in materials or workmanship, Panasonic Consumer Electronics Company (referred to as "the warrantor") will, for the length of the period indicated on the chart below, which starts with the date of original purchase ("Limited Warranty period"), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or a refurbished product. The decision to repair or replace will be made by the warrantor. PLASMA TV CATEGORIES Up to 37" (diagonal) 42" (diagonal) and larger PARTS 1 (ONE) YEAR LABOR 1 (ONE) YEAR SERVICE Carry-In On-Site During the "Labor" Limited Warranty period there will be no charge for labor.

During the "Parts" Limited Warranty period, there will be no charge for parts. You must carry-in your product or arrange for on-site service during the Limited Warranty period. If non-rechargeable batteries are included, they are not warranted. This Limited Warranty only applies to products purchased and serviced in the United States or Puerto Rico. This Limited Warranty is extended only to the original purchaser and only covers product purchased as new. A purchase receipt or other proof of the original purchase date is required for Limited Warranty service. On-Site or Carry-in Service For On-Site or Carry-In Service in the United States and Puerto Rico call 1-877-95-VIERA (1-877-958-4372). On-site service where applicable requires clear, complete and easy access to the product by the authorized servicer and does not include removal or re-installation of an installed product. It is possible that certain on-site repairs will not be completed on-site, but will require that the product or parts of the product, at the servicer's discretion be removed for shop diagnosis and/or repair and then returned. Limited Warranty Limits And Exclusions This Limited Warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage, nor does it cover markings or retained images on the glass panel resulting from viewing fixed images (including, among other things, non-expanded standard 4:3 pictures on wide screen TV's, or onscreen data in a stationary and fixed location).

The Limited Warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by the warrantor, or failures which result from accidents, misuse, abuse, neglect, bug infestation, mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, or commercial use (such as in a hotel, office, restaurant, or other business), rental use of the product, service by anyone other than a Factory Service Center or other Authorized Servicer, or damage that is attributable to acts of God. THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE".

THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS LIMITED WARRANTY. (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, or travel to and from the servicer. The items listed are not exclusive, but are for illustration only.) ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE LIMITED WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY. @@@@PARTS AND SERVICE (INCLUDING COST OF AN ON-SITE SERVICE CALL, WHERE APPLICABLE) WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY ARE YOUR RESPONSIBILITY. 20 Customer Services Directory (for U.S.A.

and Puerto Rico) Customer Services Directory (United States and Puerto Rico) Obtain Product Information and Operating Assistance; locate your nearest Dealer or Service Center; purchase Parts and Accessories; or make Customer Service and Literature requests by visiting our Web Site at: <http://www.panasonic.com/help> or, contact us via the web at: <http://www.panasonic.com/contactinfo> You may also contact us directly at: 1-877-95-VIERA (958-4372) Monday-Friday 9 am-9 pm; Saturday-Sunday 10 am-7 pm, EST. ☐For hearing or speech impaired TTY users, TTY: 1-877-833-8855 Accessory Purchases (United States and Puerto Rico) Purchase Parts, Accessories and Instruction Books on line for all Panasonic Products by visiting our Web Site at: <http://www.pstc.panasonic.com> or, send your request by E-mail to: [npcparts@us.panasonic.com](mailto:npcparts@us.panasonic.com)

You may also contact us directly at: 1-800-332-5368 (Phone) 1-800-237-9080 (Fax Only) (Monday - Friday 9 am to 9 pm, EST.) Panasonic Service and Technology Company 20421 84th Avenue South, Kent, WA 98032 (We Accept Visa, MasterCard, Discover Card, American Express, and Personal Checks) ☐For hearing or speech impaired TTY users, TTY: 1-866-605-1277 21 Limited Warranty (for Canada) Panasonic Canada Inc. PANASONIC PRODUCT - LIMITED WARRANTY Panasonic Canada Inc. warrants this product to be free from defects in material and workmanship and agrees to remedy any such defect for a period as stated below from the date of original purchase. Plasma TV / Monitor LCD TV (42 in.

& over) In-home service In-home service One (1) year, parts (including Plasma Panel) and labour. One (1) year, parts (including LCD Panel) and labour. In-home Service will be carried out only to locations accessible by roads and within 50 km of an authorized Panasonic service facility. LIMITATIONS AND EXCLUSIONS This warranty does not apply to products purchased outside Canada or to any product which has been improperly installed, subjected to usage for which the product was not designed, misused or abused, damaged during shipping, or which has been altered or repaired in any way that affects the reliability or detracts from the performance, nor does it cover any product which is used commercially.



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*Dry cell batteries are also excluded from coverage under this warranty.*

*This warranty is extended to the original end user purchaser only. A purchase receipt or other proof of date of original purchase is required before warranty service is performed. THIS EXPRESS, LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL PANASONIC CANADA INC. BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES. In certain instances, some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, or the exclusion of implied warranties, so the above limitations and exclusions may not be applicable. In-home service requires clear, complete and easy access to the product by the Authorized Servicentre and does not include removal or re-installation of an installed product. If removal is required to service the product, it will be at the discretion of the Servicentre and in no event will Panasonic Canada Inc. or the Servicentre be liable for any special, indirect or consequential damages. WARRANTY SERVICE For product operation and information assistance, please contact: Our Customer Care Centre: 1-800 #: 1-866-330-0014 Email link: [www.vieraconciierge.ca](http://www.vieraconciierge.ca)*

*FOR PRODUCT REPAIRS, please contact Viera Customer Care Agent using the above contact info. IF YOU SHIP THE PRODUCT TO A SERVICENTRE Carefully pack and send prepaid, adequately insured and preferably in the original carton. Include details of the defect claimed, and proof of date of original purchase. 22 Note Customer's Record The model number and serial number of this product can be found on its back cover. You should note this serial number in the space provided below and retain this book, plus your purchase receipt, as a permanent record of your purchase to aid in identification in the event of theft or loss, and for Warranty Service purposes. Model Number Serial Number Anotación del cliente El modelo y el número de serie de este producto se encuentran en su panel posterior. Deberá anotarlos en el espacio provisto a continuación y guardar este manual, más el recibo de su compra, como prueba permanente de su adquisición, para que le sirva de ayuda al identificarlo en el caso de que le sea sustraído o lo pierda, y también para disponer de los servicios que le ofrece la garantía. Modelo Número de serie Panasonic Consumer Electronics Company, Division of Panasonic Corporation of North America One Panasonic Way, Secaucus New Jersey 07094 U.S.*

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