

Operating Instructions LED TV

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VIERA



English

Thank you for purchasing this Panasonic product. Please read these instructions carefully before operating this product and retain them for future reference.

The images shown in this manual are for illustrative purposes only. Some illustrations are presented as conceptual images and may be different from the actual products. Illustrations shown may be different between models and countries.

Transport only in upright position



Safety Precautions

To help avoid risk of electrical shock, fire, damage or injury, please follow the warnings and cautions below:

Mains plug and lead

Warning

If you detect anything unusual, immediately remove the mains plug.
 * Mains plug types vary between countries.

- * This TV is designed to operate on:
 - TH-L24XM6K: AC Single 220 - 240 V, 50/60 Hz
 - Other models: AC Auto 110 - 240 V, 50/60 Hz
- * Insert the mains plug fully into the socket outlet.
- * Ensure that the mains plug is easily accessible.
- * Disconnect the mains plug when cleaning the TV.
- * Do not touch the mains plug with wet hands.

- * Do not damage the mains lead.
 - Do not place a heavy object on the lead.

- * Do not place the lead near a high temperature object.

- * Do not pull on the lead. Hold onto the mains plug body when disconnecting the plug.

- * Do not move the TV with the lead plugged into a socket outlet.
 - Do not twist the lead, bend it excessively or stretch it.
 - Do not use a damaged mains plug or socket outlet.
 - Ensure the TV does not crush the mains lead.
- * Do not use any mains lead other than that provided with this TV.

Take care

Warning

- * Do not remove covers and never modify the TV yourself as live parts are accessible when they are removed. There are no user serviceable parts inside.
- * Do not expose the TV to rain or excessive moisture. This TV must not be exposed to dripping or splashing water and objects filled with liquid, such as vases, must not be placed on top of or above the TV.
- * Do not insert foreign objects into the TV through the air vents.
- * Do not use an unapproved pedestal / mounting equipment. Be sure to ask your local Panasonic dealer to perform the setup or installation of approved wall-hanging brackets.
- * Do not apply strong force or impact to the display panel.

- * Do not place the TV on sloped or unstable surfaces, and ensure that the TV does not hang over the edge of the base.
- * This TV is designed for table-top use.
- * Do not expose the TV to direct sunlight and other sources of heat.

To prevent the spread of fire, keep candles or other open flames away from this product at all times

Dangerous part / Small object

Warning

- * This product contains possibly dangerous parts such as plastic bags, that can be breathed in or swallowed by young children accidentally. Keep these parts out of reach of young children.

Pedestal

Warning

- * Do not disassemble or modify the pedestal.

Caution

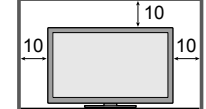
- * Do not use any pedestal other than the one provided with this TV.
- * Do not use the pedestal if it becomes warped or physically damaged. If this occurs, contact your nearest Panasonic dealer immediately.
- * During setup, make sure that all screws are securely tightened.
- * Ensure that the TV does not suffer any impact during installation of the pedestal.
- * Ensure that children do not climb onto the pedestal.
- * Install or remove the TV from the pedestal with at least two people.
- * Install or remove the TV by the specified procedure.

Ventilation

Caution

Allow sufficient space around the TV in order to help prevent excessive heat, which could lead to early failure of some electronic components.

Minimum distance (cm)



- * Ventilation should not be impeded by covering the ventilation openings with items such as newspapers, tablecloths and curtains.
- * Whether you are using a pedestal or not, always ensure the vents at the bottom of the TV are not blocked and there is sufficient space to enable adequate ventilation.

Moving the TV

Caution

- * Before moving the TV, disconnect all cables.
- * Move the TV with at least two people. Support as shown to avoid injury by the TV tipping or falling.

When not in use for a long time

Caution

- * This TV will still consume some power even in the Off mode, as long as the mains plug is still connected to a live socket outlet.
- * Remove the mains plug from the wall socket when the TV is not in use for a prolonged period of time.

Use conditions

Caution

- * This appliance is intended for use in tropical climates.

Battery for the Remote Control

Caution

- * Incorrect installation may cause battery leakage, corrosion and explosion.
- * Replace only with the same or equivalent type.
- * Do not mix old and new batteries.
- * Do not mix different battery types (such as alkaline and manganese batteries).
- * Do not use rechargeable batteries (Ni-Cd, etc.).
- * Do not burn or break up batteries.
- * Do not expose batteries to excessive heat such as sunshine, fire or the like.
- * Make sure you dispose of batteries correctly.

Setting Up the TV

Standard accessories

Accessories may not be placed all together. Take care not to throw them away unintentionally.

Remote Control

* N2QAYB000823

Batteries (R6) x 2

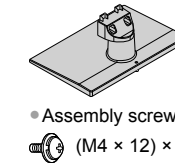
* (p. 3)

Mains Lead (p. 5)

* TH-L24XM6K/X

* TH-L24XM6M

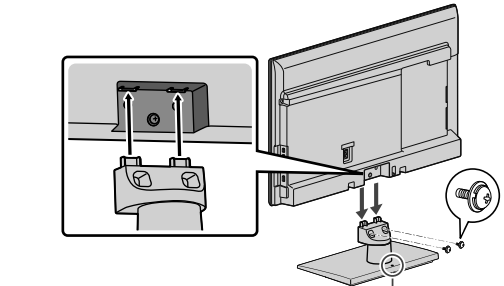
Pedestal



Attaching the pedestal

Attach the TV to the pedestal

Carry out the work on a horizontal and level surface.



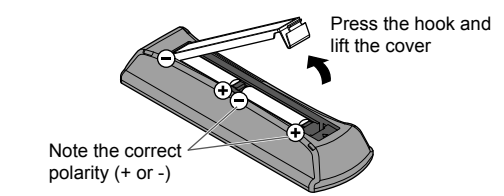
- * Secure the base to prevent the TV from falling over.
- * The place where the base is secured should be thick enough and made of hard material.
- * Commercially available screw (not supplied)
 - Diameter: 3 mm
 - Length: 25 - 30 mm

Removing the pedestal from the TV

Be sure to remove the pedestal in the following way when using the wall-hanging bracket or repacking the TV.

- 1 Remove the assembly screws **B** from the TV.
- 2 Pull out the pedestal from the TV.
- 3 Remove the assembly screws **A** from the bracket.

Inserting remote's batteries



Note the correct polarity (+ or -)

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This product is licensed under the AVC patent portfolio license for the personal and non-commercial use of a consumer to (i) encode video in compliance with the AVC Standard ("AVC Video") and/or (ii) decode AVC Video that was encoded by a consumer engaged in a personal and non-commercial activity and/or was obtained from a video provider licensed to provide AVC Video. No license is granted or shall be implied for any other use. Additional information may be obtained from MPEG LA, LLC. See <http://www.mpegla.com>.

Information on Disposal in other Countries outside the European Union

This symbol is only valid in the European Union. If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

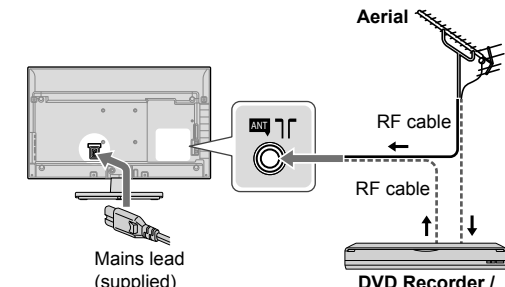
Customer's Record

The model number and serial number of this product may be found on its rear panel. 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 _____

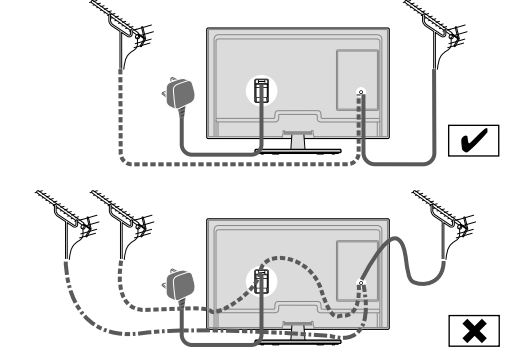
Connections

Aerial and mains lead

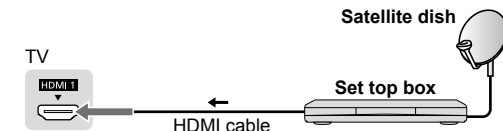


--- Alternative connection

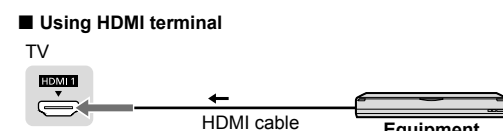
- * Keep the space between the TV and RF cable to prevent distorted image.
- * Do not put the RF cable close to the mains lead to avoid noise.
- * Do not place the RF cable under the TV.
- * An aerial, correct cable (75 Ω coaxial) and correct terminating plug are required to obtain optimum quality picture and sound.
- * If a communal aerial system is used, you may require the correct connection cable and plug between the wall aerial socket and the TV.
- * Your local Television Service Centre or dealer may be able to assist you in obtaining the correct aerial system for your particular area and the accessories required.
- * Any matters regarding aerial installation, upgrading of existing systems or accessories required, and the costs incurred, are the responsibility of you, the customer.
- * If the aerial is placed in the wrong location, interference might happen.



Set top box

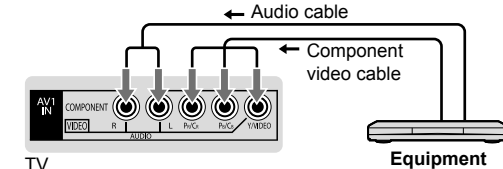


AV / Game equipment

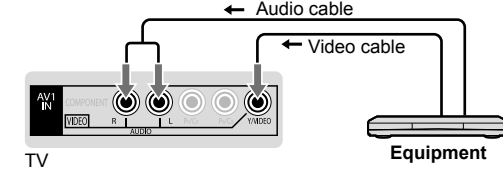


* You can also make similar connection via HDMI 2.

Using COMPONENT terminals

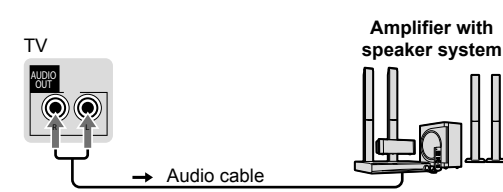


Using COMPOSITE terminals



* You can also make similar connections via AV2 IN.

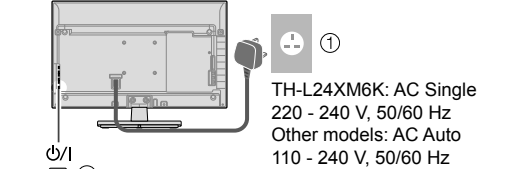
Speaker system



Initial Setup

When you first turn on the TV, a series of steps will pop-up to guide you to set up your TV.
 * These steps are not necessary if the setup has been completed by your local dealer.

1 Plug the mains plug into the socket outlet, then switch on the TV



2 Select your language

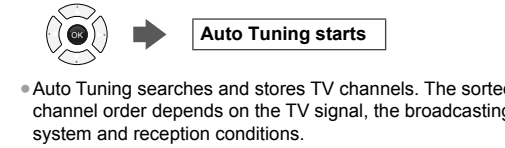


3 Select your area



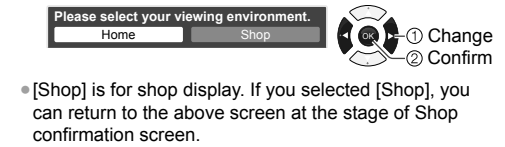
* When selecting [CATV/Other], press **OK**, and then select the Channel Plan from [Indian CATV], [South Africa], [American System], [American CATV] or [Japan].

4 Start Auto Tuning



* Auto Tuning searches and stores TV channels. The sorted channel order depends on the TV signal, the broadcasting system and reception conditions.

5 Select [Home]



* [Shop] is for shop display. If you selected [Shop], you can return to the above screen at the stage of Shop confirmation screen.

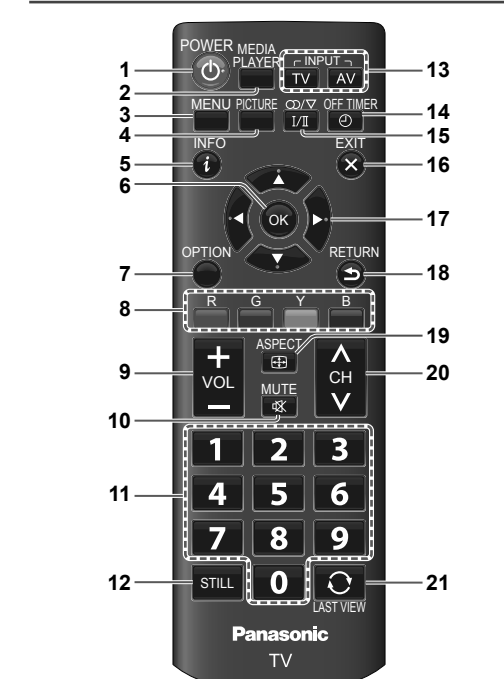


* To change the viewing environment later on, you need to initialise all settings by accessing [Shipping Condition] (p. 11).

Setup is now complete and your TV is ready for viewing.

Operating the TV

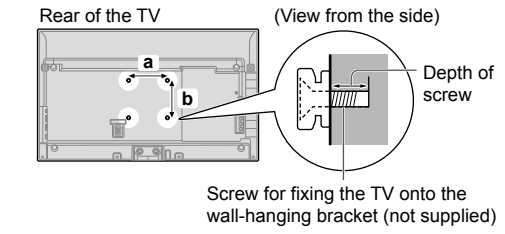
Using the remote control



- 1 Switches the TV On / Standby
- 2 MEDIA PLAYER (p. 8)
- 3 Displays [Main Menu] (p. 9)
- 4 Selects picture mode (p. 9)
 - * Press repeatedly to select.
- 5 Displays Information banner
- 6 **OK**
 - * Confirms selections.
 - * Press after selecting channel positions to quickly change channel.
- 7 Displays [Option Menu]
 - * Shortcuts to some setting menus for picture, sound, etc.
 - * Follow the operation guide to select / change the settings.
- 8 Coloured buttons
 - * Performs multiple operations which correspond to the operation guide displayed on the menu screen.
- 9 Volume Up / Down
- 10 Sound Mute On / Off
- 11 Numeric buttons
 - * Changes channel.
 - * When in Standby mode, switches TV On.
- 12 Freezes / unfreezes picture

Optional accessories

Wall-hanging bracket (not supplied)
 Please contact your local Panasonic dealer to purchase the recommended optional accessories.



Holes for wall-hanging bracket installation

- a: 100 mm
- b: 100 mm

Screw specification

- Type: M4
- Depth of screw:
 - Minimum: 6 mm
 - Maximum: 9 mm

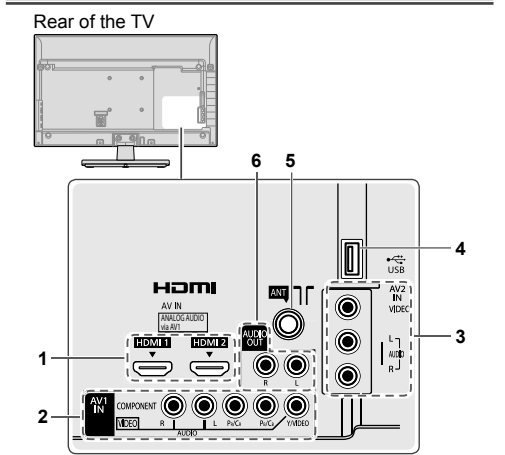
Warning

- * When optional accessories such as wall brackets etc. are used, always read and follow the manufactures installation and usage instructions.
- * Do not mount the unit directly below ceiling lights (such as spotlights or halogen lights) which typically give off high heat. Doing so may warp or damage plastic cabinet parts.
- * When installing wall brackets you must ensure the wall bracket is not electrically grounded to metal wall studs. Always ensure that there are no electrical cables, pipes etc. in the wall before you begin the wall bracket installation.
- * To prevent fall and injury, remove the TV from its fixed wall position when it is no longer in use.

Connecting the TV

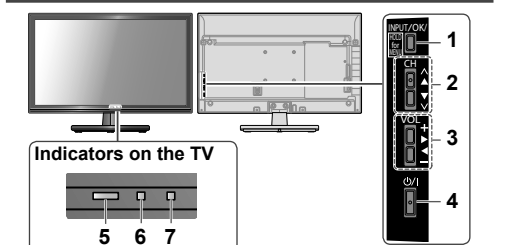
- * External equipment and cables shown are not supplied with this TV.
- * Ensure that the unit is disconnected from the mains socket before attaching or disconnecting any leads.
- * Check the type of terminals and cable plugs are correct when connecting.
- * When using an HDMI cable, use the fully wired one.
- * Keep the TV away from electronic equipment (video equipment, etc.) or equipment with an infrared sensor. Otherwise, distortion of image / sound may occur or operation of other equipment may be interfered.
- * Also read the manual of the equipment being connected.

Terminals



- 1 HDMI 1 - 2
- 2 AV1 IN
- 3 AV2 IN
- 4 USB port
- 5 Aerial terminal
- 6 AUDIO OUT

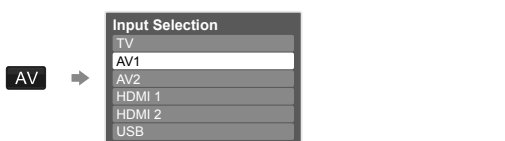
Using the TV controls



- 1 Displays [Input Selection] screen
 - * On first press, the [Input Selection] screen for control panel is displayed. Pressing the button again will toggle cursor movement.
 - * Displays [Main Menu] when press and hold for 3 seconds.
 - * Confirms selection (**OK** button) while in the menu system.
- 2 Channel Up / Down Cursor Up / Down
 - * Makes selections or adjustments when in the menu system.
- 3 Volume Up / Down Cursor Left / Right
 - * Makes selections or adjustments when in the menu system.
- 4 Switches TV On or Standby
 - * To completely turn Off the TV, remove the mains plug from the wall socket.
- 5 Remote control signal receiver
 - * Senses brightness to adjust picture quality when [Eco Mode] in the Picture Menu is set to [On].
 - * (p. 10)
- 7 Power LED
 - * Red: Standby
 - * Green: On

Watching External Inputs

Connect the external equipment (p. 5), then select the input corresponds to the connected terminal.



- * [USB]: Switches to Media Player (p. 8)
- * You can label or skip each input mode (except [USB]).
- * "Input Labels" (p. 11)
- * Skipped inputs will not be displayed when the AV button is pressed.

