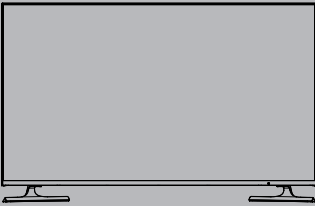




Model No.:  
TH-49GX536M  
TH-49GX536MF  
TH-55GX536M  
TH-55GX536MF  
TH-65GX536M  
TH-65GX536MF

## Operating Instructions

### LED TV



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

Transport only in upright position

English

فارسی

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# Chapter 1: Introduction

## Warning

### Handling the mains plug and lead

Insert the mains plug fully into the socket outlet. (If the mains plug is loose, it could generate heat and cause fire.)

Ensure that the mains plug is easily accessible.

Do not touch the mains plug with a wet hand. (This may cause electrical shock.)

Do not use any mains lead other than that provided with this TV. (This may cause fire or electrical shock.)

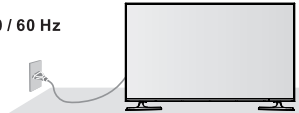
Do not damage the mains lead. (A damaged lead may cause fire or electrical shock.)

- Do not move the TV with the lead plugged in the socket outlet.
- Do not place a heavy object on the lead or place the lead near a high-temperature object.
- Do not twist the lead, bend it excessively or stretch it.
- Do not pull on the lead. Hold onto the mains plug body when disconnecting the lead.
- Do not use a damaged mains plug or socket outlet.
- Use the TV in moderate climates.

If you find any abnormality, remove the mains plug immediately!



100 - 240V ~ 50 / 60 Hz



- Mains plug types vary between countries.

### Power source

- This TV is designed to operate on
- 100 - 240V ~ 50/60 Hz
- Table-top use / Wall hanging

### Do not use external voltage stabilizer with the TV set

- Inferior quality stabilizer may cause damage to the TV.
- Warranty is not valid if external stabilizer is used.

### Do not remove covers and never modify the TV by yourself

- Do not remove the rear cover as live parts are accessible when it is removed. There are no user serviceable parts inside. (High-voltage components may cause serious electrical shock.)
- Have the TV checked, adjusted, or repaired at your local Panasonic dealer.
- Please refer the information on exterior back enclosure for electrical and safety information before installing or operating the apparatus.
- The mains plug is used as disconnect device, the disconnect device shall remain readily operable.

### Do not expose to rain or excessive moisture

- To prevent damage which might result in electrical shock or fire, do not expose this TV to rain or excessive moisture. This TV must not be exposed 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 external objects into the TV

- Do not allow any objects to drop into the TV through the air vents. (Fire or electrical shock may result)

### Do not place the TV on sloped or unstable surfaces, and ensure that the TV does not hang over the edge of the base

- The TV may fall off or tip over.

### Use only the dedicated pedestals/ mounting equipments

- Use an unapproved pedestal or other fixtures may make the TV unstable, risking injury. Be sure to ask your local Panasonic dealer to perform setup.
- When mounting the TV on a wall or ceiling, be sure to install the product according to the method recommended by the manufacturer. This is a safety feature.
- Only use attachments/accessories specified or provided by the manufacturer (such as the exclusive supply adapter, battery, etc.).

### Do not expose to direct sunlight and other sources of heat

- Avoid exposing 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.

## Use Environment

**▲ Warning:** Never place a television set in an unstable location. A television set may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- Using cabinets or stands recommended by the manufacturer of the television.
- Only using furniture that can safely support the television.
- Ensuring the television is not overhanging the edge of the supporting furniture.
- Not placing the television on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television set to a suitable support.
- Not placing the television set on cloth or other materials that may be located between the television set and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the television or its controls.

If your existing television set is being retained and relocated, the same considerations as above should be applied.

(Only for the TV with mass exceed 7 kg)

## Cleaning

- Do not spray water or detergent directly on TV screen for cleaning purpose. Leaking liquid substance will cause damage to TV.



- Be careful of cats, rats or other animals that may urinate on the TV (front and rear). It may lead to TV failure.



- Do not use sharp or hard objects (finger nails, knife and etc.) on TV screen. This may cause damage to the screen surface.

## Hanging the TV Set on the Wall

- Check that the wall can support the weight of the TV set and wall mount assembly.
- Follow the mounting instructions provided with the wall mount.
- The TV set must be installed on a vertical wall.
- Make sure to use only screws suitable for the material of the wall.
- Make sure that the TV set cables are placed so that there is not danger of tripping over them.

All other safety instructions about our TV sets are also applicable here.

Warning: This operation requires two people.

To ensure a safe installation, observe the following safety.

## ▲ Caution

**1.Read these instructions---**All operating instructions must be read and understood before the product is operated.

**2.Keep these instructions---**These safety and operating instructions must be kept in a safe place for future reference.

**3.Read all warnings---**All warnings on the product and in the instructions must be observed closely.

**4.Follow all instructions---**All operating instructions must be followed.

**5.Attachments---**Only use attachments/ accessories specified by the manufacturer. Do not use attachments not recommended by the manufacturer. Use of improper attachments can result in accidents.

**6.Power source---**This product is intended to be supplied by a listed power supply indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the cable system.

Do not defeat the safety purpose of the polarized or grounding plug. A polarized plug has two blades with one wider than the other. A grounding plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

**7.Power cord protection---**Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

**Note:** Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

**8.Overloading---**Do not overload wall outlets, extension cords, or convenience receptacles on other equipment as this can result in a risk of fire or electric shock.

**9.Servicing---**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.

**10.Damage requiring service---**If any of the following conditions occurs, unplug the power cord from the AC outlet, and request a qualified service person to perform repairs.

a. When the power cord or plug is damaged.

b. When a liquid is spilled on the product or when objects have fallen into the product.

- c. When the product has been exposed to rain or water.
- d. When the product does not operate properly as described in the operating instructions.  
Do not touch the controls other than those described in the operating instructions. Improper adjustment of controls not described in the instructions can cause damage, which often requires extensive adjustment work by a qualified technician.
- e. If the product has been dropped or the cabinet has been damaged in any way.
- f. When the product displays an abnormal condition or exhibits a distinct change in performance. Any noticeable abnormality in the product indicates that the product needs servicing.

**11. Replacement parts**---In case the product needs replacement parts, make sure that the service person uses replacement parts specified by the manufacturer, or those with the same characteristics and performance as the original parts. Use of unauthorized parts can result in fire, electric shock and/or other danger.

**12. Safety checks**---Upon completion of service or repair work, request the service technician to perform safety checks to ensure that the product is in proper operating condition.

**13. Stand**---Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. Do not place the product on an unstable trolley, stand, tripod or table. Placing the product on an unstable base can cause the product to fall, resulting in serious personal injuries as well as damage to the product. When mounting the product on a wall, be sure to follow the manufacturer's instructions. Use only the mounting hardware recommended by the manufacturer.



**14. Careful move**---When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over. Sudden stops, excessive force and uneven floor surfaces can cause the product to fall from the trolley.  
Never attempt to move the TV unless the AC power cord has been disconnected.

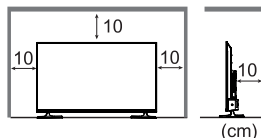
**15. Lightning**---Unplug this apparatus during lightning storms or when unused for long periods of time.  
For added protection for this television equipment during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna. This will prevent damage to the equipment due to lightning and power-line surges.

**16. Panel protection**---The display panel used in this product is made of glass. Therefore, it can break when the product is dropped or impacted upon by other objects. Be careful not to be injured by broken glass pieces in case the display panel breaks.

**17. Pixel defect**---The display panel is a very high technology product, giving you finely detailed pictures. Occasionally, a few non-active pixels may appear on the screen as a fixed point of blue, green or red. Please note that this does not affect the performance of your product.

**18. Do not block the rear air vents**

- Adequate ventilation is essential to prevent failure of electronic components.
- Ventilation should not be impeded by covering the ventilation openings with items such as newspapers, table cloths and curtains.
- We recommended that a gap of at least 10 cm is left all around this TV even when placed inside a cabinet or between shelves.
- When using the pedestal, keep the space between the bottom of the TV and the surface where the TV is set.
- If pedestal is not used, ensure the vents is the bottom of the TV are not blocked.
- Do not install this equipment in a confined or building-in space such as a book case or similar unit, and remain a well ventilation conditions at open site.  
Minimum distance










*Note: The picture is only for reference.*

**19. Do not ingest the battery, Chemical Burn Hazard**

Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

**20. Listening**--- Listening to music at high volume levels and for extended durations can damage one's hearing. In order to reduce the risk of damage to hearing, one should lower the volume to a safe, comfortable level, and reduce the amount of time listening at high levels.

## Symbol

- For the terminals marked with symbol of "⚡" may be of sufficient magnitude to constitute a risk of electric shock. The external wiring connected to the terminals requires installation by an instructed person or the used of ready-made leads or cords.
- If the product has the symbol  in its rating label and the power cord has two pins, it means that the equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.
- The following information are recommended to be included where applicable:
  -  Refers to alternating current(AC).
  -  Refers to direct current(DC).
  -  Refers to Class II equipment.
  -  Refers to stand-by.
  -  Refers to power ON.
  -  Refers to dangerous voltage.



- This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.
- To reduce the risk of electric shock. Do not remove cover (or back). No user serviceable parts inside. Refer to qualified service personnel.
- The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

## Precautions for Using Remote Control

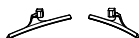
- Use the remote control by pointing it towards the remote sensor. The items between the remote control and the remote sensor will interfere the normal operation.
- Do not make remote control vibrate violently. Also, do not splash liquid on the remote control, also do not put the remote control in high humidity place.
- Do not place remote control under direct sunlight which will cause deformation of the unit by heat.
- When the remote sensor is under direct sunlight or strong lighting, the remote control will do not work. If so please change the lighting or TV's position, or operate the remote control closer to the remote sensor.

## Standard Accessories

Remote Control



Pedestal (2)



Screws (4)



Batteries (2)  
(AAA size)



Operating  
Instructions



AC Power Cord (1)



### Note:

- 1) The pictures are only for reference.
- 2) Accessories may not be placed all together. Take care not to throw them away unintentionally.
- 3) 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.

## Optional Accessories

Please contact your local Panasonic dealer to purchase the recommended optional accessories. For additional details, please read the manual of optional accessories.

### Wall-hanging bracket

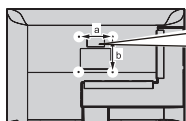
Please contact your local Panasonic dealer to purchase the recommended wall-hanging bracket.

**Note:** The graphics are only for reference.

#### • Screw Specifications



• A rubber cushion is needed to avoid the back terminals to hit the wall when you are installing the wall-hanging bracket. The depth of rubber cushion (H)  $\geq 30$ mm



Screw Spec.		49"		55"		65"	
		Top	Down	Top	Down	Top	Down
D (Depth)	E (Diameter)	M6	M6	M6	M6	M6	M6
	Max.	28	28	28	28	28	28
	Min.	22	22	22	22	22	22
Quantity		2	2	2	2	2	2

#### • VESA

Size	49"	55"	65"
a	200	300	400
b	200	200	200

### Warning

- Failure to use a Panasonic bracket or choosing to mount the unit yourself will be done at the risk of the consumer. Always be sure to ask a qualified technician to carry out set up. Incorrect fitting may cause equipment to fall, resulting in injury and product damage. Any damage resulting from not having a professional installer mount your unit will void your warranty.
- When any optional accessories or wall hanging brackets are used, always ensure that the instructions provided are followed fully.
- 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.
- Take care when fixing wall brackets to the wall. Wall mounted equipment shall not be grounded by metal within the wall. Always ensure that there are no electrical cables or pipes in the wall before hanging bracket.
- To prevent fall and injury, remove the TV from its fixed wall position when it is no longer in use.

## Pedestal Installation

### Warning

**Do not disassemble or modify the pedestal.**

- Otherwise the TV may fall over and become damaged, and personal injury may result.

### Caution

**Do not use any pedestal other than the one provided with this TV.**

- 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 while it is physically damaged, personal injury may result. Contact your local Panasonic dealer immediately.

**During set-up, make sure that all screws are securely tightened.**

- If insufficient care is 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.

**Ensure that the TV does not fall over.**

- If the TV is knocked or children climb onto the pedestal with the TV installed, the TV may fall over and personal injury may result.

**Two or more people are required to install and remove the TV.**

- If two or more people are not present, the TV may be dropped, and personal injury may result.

**When removing the pedestal from the TV, do not remove the pedestal by the methods other than the specified procedure.**

- Otherwise the TV and / or pedestal may fall over and become damaged, and personal injury may result.

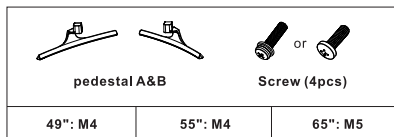
**Appearance of the product in illustrations may differ from your actual product, and is for reference purposes only.**

### 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.

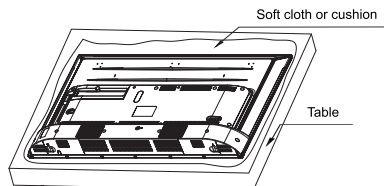
- 1 Remove the assembly screws from the TV.
- 2 Remove the pedestal from the TV.

1. Please take out the accessory bag from the package and check if all below parts exist without missing, if not, please contact your local dealer.



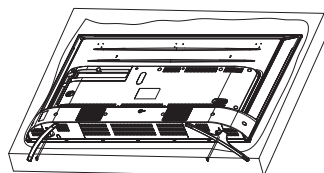
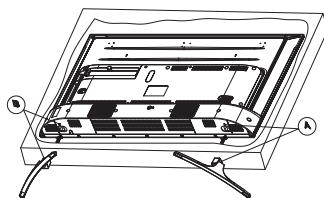
**Note:** The picture is only for reference.

2. Take out the TV and carefully put it (screen downward) on a stable and flat table with a soft cloth or cushion on it.



**Note:** The picture is only for reference.

3. Connect the TV and base by putting and fastening matched screws into the holes.



**Note:** The pictures are only for reference.

## Remote Control

### Note:

- 1). The picture is only for reference.
- 2). Some buttons may not be available for some regions, some models or some sources.
- 3). Some DTV-related buttons may not be applicable due to non-availability of DTV signal in some areas.



1. **POWER** ( ): Turn the TV on or to standby mode.
  2. **Number Buttons (0~9)**: Choose the channel directly.
  3. **LIST**: Access the channel list.
  4. **INFO**: Access the INFO interface.
  5. **MUTE** ( ): Mute or restore the sound.
  6. **Program Up/Down** ( )  
Change to next or previous program.
  7. **Volume Up/Down** ( **VOL +/-** )  
Increase or decrease the sound volume.
  8. **MIC** ( ): Start talking to Google Assistant of the TV.
  9. **YouTube**: Access the application of YouTube.
  10. **MENU**: Access the main menu.
  11. **HOME**: Enter the home page.
  12. **UP/DOWN/LEFT/RIGHT** ( )  
Navigate the menu to select what you want.
  13. **OK**: Confirm or enter the selected content.
  14. **EXIT**: Exit the current operation.
  15. **BACK**: Back to the upper-level menu.
  16. **ZOOM**: Select the aspect ratio.
  17. **GUIDE**: Access the EPG interface.
  18. **SOURCE**: Select the input source.
  - 19 & 20. **Teletext Buttons**
    - **TEXT**: Enter or exit the teletext menu.
    - **REVEAL**: Display the concealed information.
    - **INDEX**: Display the index page.
    - **HOLD**: Hold the teletext page on screen without updates or changes.
  20. **USB Play Control Buttons**
    - **PLAY** ( ): Start the playback.
    - **PAUSE** ( ): Pause the playback, or enable Time-shift function in DTV mode.
    - **Stop** ( ): Stop the playback.
    - **Fast Backward** ( ): Fast backward the playback.
    - **Fast Forward** ( ): Fast forward the playback.
  21. **Subtitle**: Open or close the subtitle.
  22. **Color Buttons (RED/GREEN/YELLOW/BLUE)**  
Execute the prompt function in specific mode.
  24. **I/I**: Select Audio language depending on the broadcasting program.
  25. **FAV**: Access the list of favorite programs.
  26. **AD**: Turn on or turn off the function of audio description.
- Note:** Some remote keys works only on DTV signal source.

## How to Pair Remote Control with the TV

This is a Bluetooth remote control, and before using it, please pair it with the TV firstly. The following steps are for your reference :

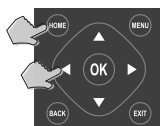
**Step 1:** Press **HOME** button to enter the home page.

**Step 2:** Press **▼** button to select "Settings" at the home page.

**Step 3:** Enter "Settings" to select "Remote & accessories".

**Step 4:** Select "Add accessory" to enter the interface of "Searching for accessories".

**Step 5:** Press **HOME** and **◀** button together for a while until there shows the name of your Bluetooth remote control on the TV searching interface. The remote control LED blink status is green.



**Step 6:** Check and select the name, and the default name is "TV BLE Remote".

**Step 7:** Press **OK** button to start pairing the Bluetooth remote control. The screen will display "Pairing...".

**Step 8:** Then the screen will display "Connecting...".

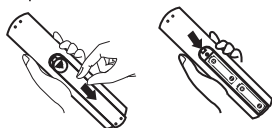
**Step 9:** The screen will display "Paired" and green LED will stop blinking if the remote control is paired successfully.

Remote control LED blinking green	Bluetooth pairing status, Remote control LED blinking green only .
Remote control LED blinking red	infrared status, Remote control LED only blinking red if you press the any button.

**Note:** If you wait more than 2 minutes and it can't pair, please repeat the above steps for pairing again.

## Installing/Removing Remote's Batteries

Place two AAA size batteries in the remote control's battery compartment, making sure to match the polarity markings inside the compartment.



### Caution

- Incorrect installation may cause battery leakage and corrosion, resulting in damage to the remote control.
- Do not mix old and new batteries.
- Replace only with same or equivalent type. Do not mix different battery types (such as alkaline and manganese batteries) .
- Do not use rechargeable (Ni-Cd) batteries.

- 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.
- Ensure batteries are replaced correctly, there is danger of explosion and fire if battery is reversed.
- Do not disassemble or modify the remote control.

## Turning on or off the TV

1. Connect the power cord to the power outlet and the TV. Then the TV will be standby.
2. Press **POWER** button to turn on the TV.
3. In working status, press **POWER** button to turn the TV to standby mode.
4. Disconnect the power cord to power off the TV completely.

### Power Indicator

Front View



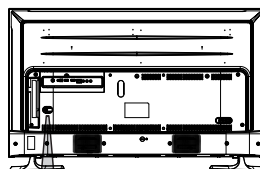
Power Indicator

- Lit in red: Standby mode.
- Lit in green: Working status
- Unlit: Powered off.

### TV Button

1. In standby mode, press it to turn on the TV.
2. When the TV is turned on:
  - Short press it to access the source menu.
  - Short press it again to select the desired source.
  - Long press it to turn the TV to standby mode.

Back View



TV Button

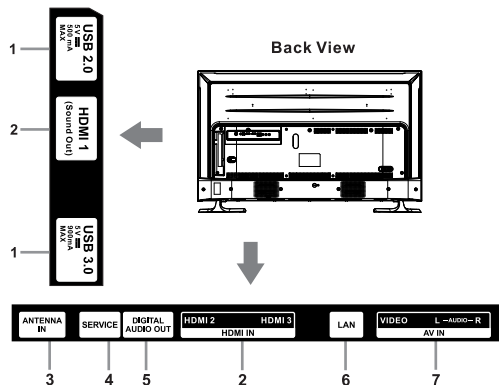
**Note:** The picture is only for reference.

**Note:**

- 1) The picture is only for reference.
- 2) TV button can't power off the TV, and please disconnect the power cord if you want to power off the TV completely.

## TV Terminals

**Note:** The pictures are only for reference.



### 1. USB

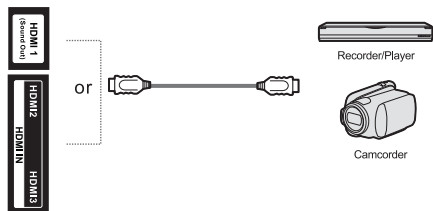
Connect USB devices to the TV.



**Note:** Never remove the USB device or turn off the TV while using the USB device.

### 2. HDMI IN

Receive HDMI input signal from the connected HDMI device.

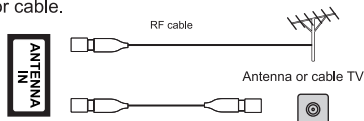


**Note:**

- 1) If the external device has a DVI output only, use a DVI to HDMI adapter cable to connect to the HDMI terminal.
- 2) For the audio receiver control Sound Out, firstly you must have a device which supports HDMI Sound Out, then connect it to the HDMI1 port. When the "Sound Out" setting is enabled on your TV, the TV's speakers will mute automatically and the audio will be outputted on your sound device system.

### 3. ANTENNA IN

Connect a coaxial cable to receive signal from the antenna or cable.



**Note:**

- 1) Do not place the RF cable under the TV.
- 2) To obtain the optimum quality of picture and sound, an aerial, the correct cable (75Ω coaxial) and the correct terminal are required.
- 3) If a community antenna system is used, you may require the correct connection cable and plug between the wall aerial socket and the TV.
- 4) Your local Television Service Center or dealer may be able to assist you in obtaining the correct aerial system for your particular area and the accessories required.
- 5) Any matters regarding aerial installation, upgrading of existing systems or accessories required, and the costs incurred, are the responsibility of you, the customer.

### 4. SERVICE

Service terminal is only available for technicians



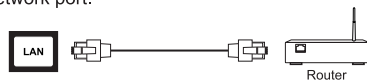
### 5. DIGITAL AUDIO OUT

Use an optical cable to output your TV audio signal to a compatible audio receiver.



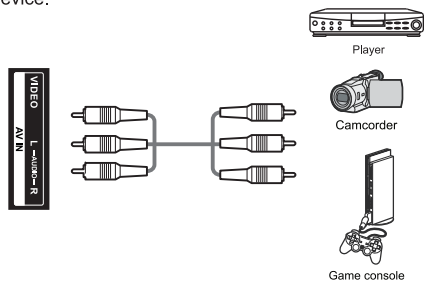
### 6. LAN

Network port.



### 7. AV IN (VIDEO & AUDIO L/R)

Receive audio and video signal from the connected AV device.

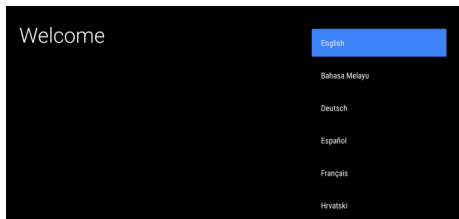


# Chapter 2: Basic Features

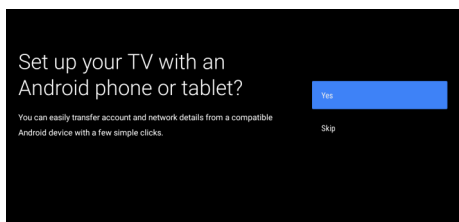
## Initial Setup

When you turn on the TV for the first time, there will show a wizard to guide you to finish the following initial settings:

**Step 1: Select the menu language as you need.**



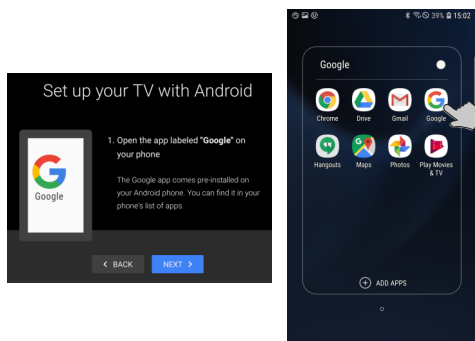
**Step 2: (Only for some countries) Select whether or not to use an Android device to setup the TV.**



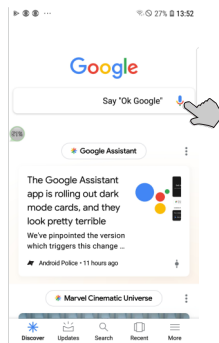
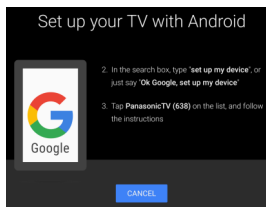
**Note:** If you don't want to use your Android device to setup the TV, you can skip directly to Step 3. If you want to use your Android device to setup the TV, please operate as the following instructions.

**< Instructions to Setup the TV with Your Android Phone >**

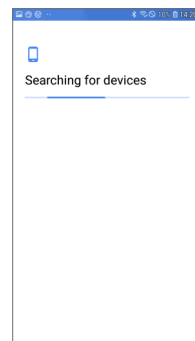
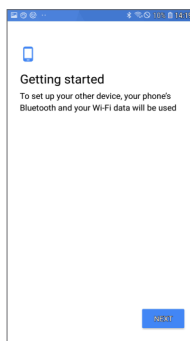
- Turn on the Bluetooth functions of your Android phone, then find and open "Google" application on your phone.



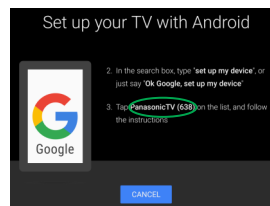
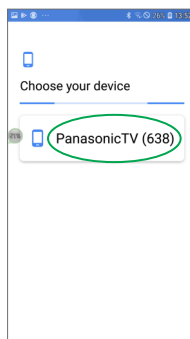
- Click "Google Assistant" icon, then say "Ok Google, setup my device".



- When there shows "Getting started", please click "Next" to search for devices.



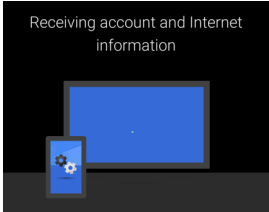
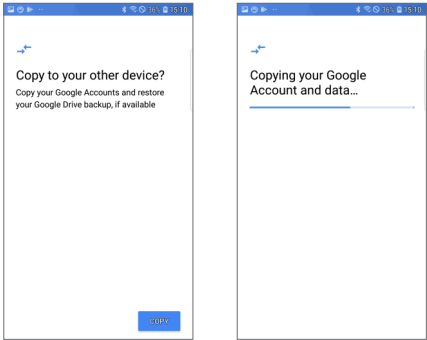
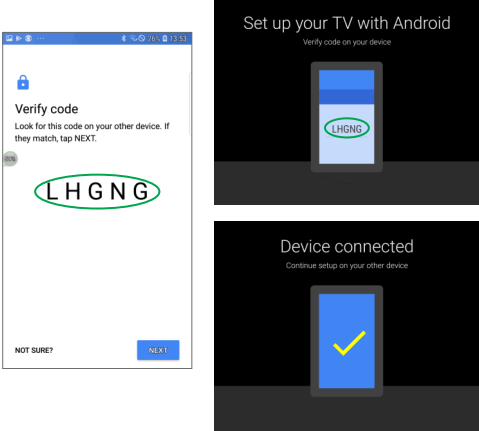
- Select the name of your TV, which is same as that shown on the TV screen.



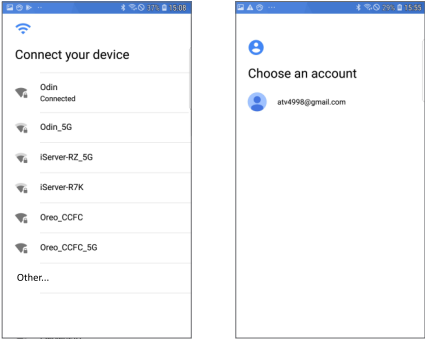
Note : Device code should match in order to pair with device.

- Verify to make sure that the code shown on your phone is same as that shown on the TV screen. Then click “Next” to connect the TV with your phone.

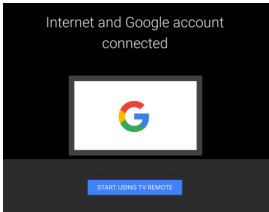
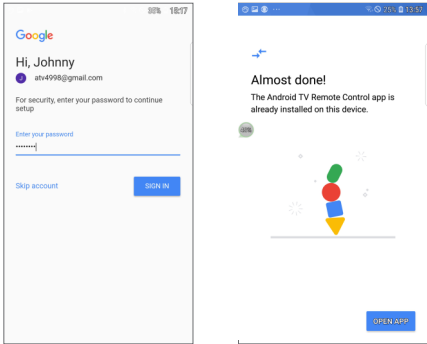
- Copy your Google account and internet to the TV.



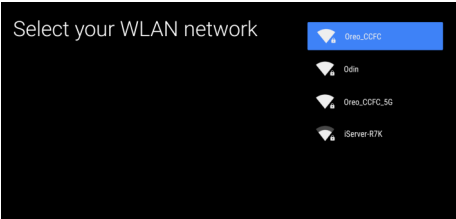
- Connect your phone to the selected wireless network, then choose your Google account .



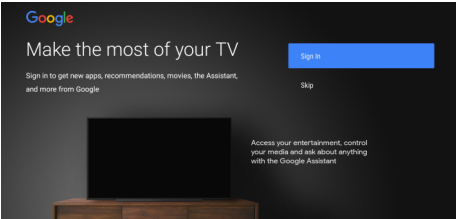
- Input your password and finish connecting the internet and Google account onto the TV.



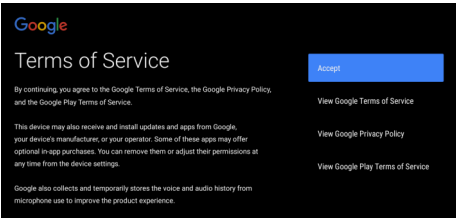
**Step 3: Select whether or not to connect your TV set to the WLAN network.**



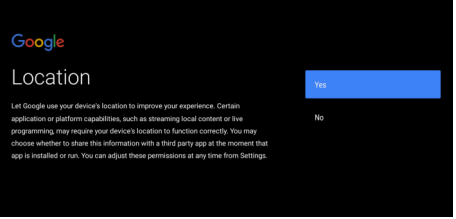
*Note: If you have connected the TV to the WLAN network, it will check for updates like Google service updates and so on. Then please select whether or not to sign in to your Google account.*



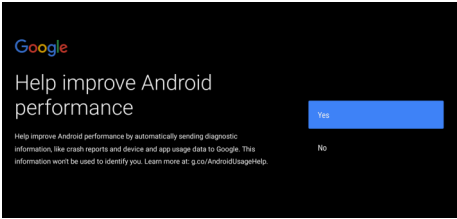
**Step 4: Read to accept the Google terms of service and privacy policy.**



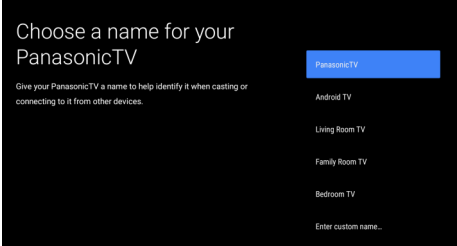
**Step 5: Select whether or not to let Google or third party to use your TV location.**



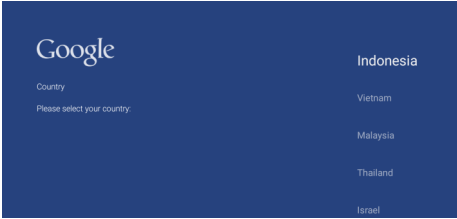
**Step 6: Select whether or not to allow Google to help improve your Android TV.**



**Step 7: Select a name for your TV or rename it as you like.**



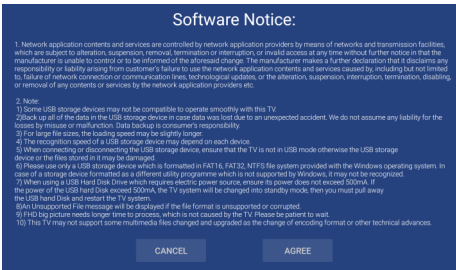
**Step 8: Select the country.**



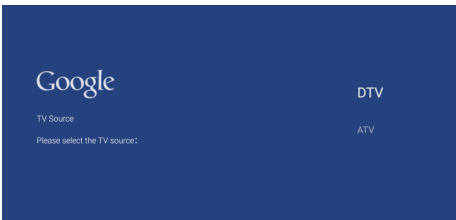
**Step 9: (Only for some countries) Input the local postal code.**



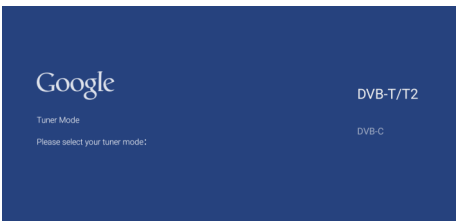
Step 10: Read the software notice.



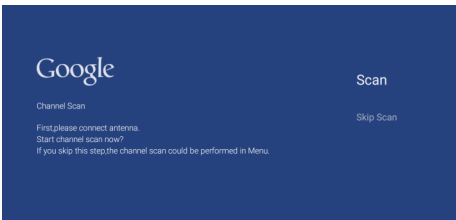
Step 11: Select the TV source.



Step 12: Select the tuner mode.

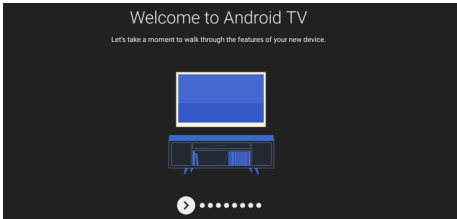


Step 13: Select whether or not to start "Channel Scan".



**Note:** If no, the channel scan can be performed in Live TV setting. Please connect signal cable firstly before starting the channel scan.

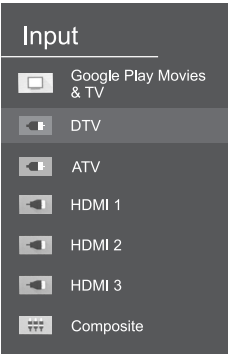
Step 14: Introduction on main functions of your Android TV.



- Note:**
- 1) The pictures are only for reference. and please refer to actual screen images on your android TV or phone for clear images and correct contents.
  - 2) You need to finish all initial settings according to what is indicated on the screen.
  - 3) If you want to restart the initial setup after the first time, please select <HOME → Settings → Device → Factory data reset → Storage & reset>

Selecting the Input Source

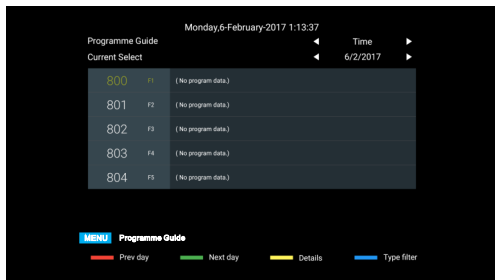
1. Press **SOURCE** button to access the list of input sources.
2. Press **▲/▼** button to select the desired input source.
3. Press **OK** button to access the selected input source.



- Note:**
- 1) The picture is only for reference.
  - 2) The source of **Google Play Movies & TV** will be available only after you update the TV system, connect the TV to the network, and login to your Google account.

## Electronic Program Guide (EPG)

EPG (Electronic Program Guide) is supplied by the program providers and offers information about the programs to be broadcast. You can access it in DTV mode by pressing **GUIDE** button on the remote control.



**Note:** The picture is only for reference.

- 1 After entering the EPG interface, the channel you are watching will be highlighted.
- 2 Press **MENU** button to skip to the line of Programme Guide. Press **◀/▶** button to select "Time" or "Channel".
- 3 If "Channel" is selected, press **◀/▶** button in the line of "Current Select" to select the channel. After a brief moment, there will show the program list of different time periods for the selected channel.
- 4 If "Time" is selected, press **◀/▶** button in the line of "Current Select" to select the date. After a brief moment, there will show the program list of different channels for the selected date.
- 5 Press **BACK/EXIT** button to exit the EPG menu.

## Time-shift Function

Time-shift is used to record a DTV program when your viewing is interrupted or delayed. Press **II** button to pause playing the DTV program and start to record the program. Press **▶** button to continue playing the program from when you paused. Press **■** button to stop time-shift function.

### **Note:**

- 1) Before time-shift, you'd better format your USB device to ensure there is enough space for time-shift recording.
- 2) The recorded program of time-shift will be cleared automatically after playing the program or stopping time-shift function.
- 3) If time-shift recording lasts too long, and there is no more space for recording new program, the TV will start to play the program automatically from the recording beginning to release the space of program which has been played for new program recording.

## Time-shift Settings

The first time when you use time-shift function, there will show a setup wizard to guide you on how to setup your USB device for the best usage of time-shift function.

**Step 1:** Select the USB path.

**Step 2:** Select the setup mode: **Auto** or **Manual**.

- If **Auto** is selected, the TV will finish related settings automatically. What you need to do is only to wait for the result.
- If **Manual** is selected, please go on with the following steps.

**Step 3:** Select whether or not to format the USB device.

**Step 4:** Select the file size for time-shift function. Choices are **512MB, 1.0GB, 1.5GB, 2.0GB, 2.5GB, 3.0GB, 3.5GB** and **4.0GB**.

**Step 5:** Test the speed of the USB device.

**Step 6:** Show the result that the USB is ready for time-shift function.

### **Note:**

- 1) If you have setup for time-shift function, you will be able to use time-shift function directly without setup again.
- 2) If you want to change the settings for time-shift function, please select "Reset Timeshift" of "Record Setting" in "Setup" menu.

## Live TV Settings

**Step 1:** Press **MENU** button to enter "Live TV Settings".

**Step 2:** Press **▲/▼** button to select a submenu: **Video, Audio, TV, Setup** or **Parental**.

**Step 3:** Press **OK** button to enter the selected submenu.

**Step 4:** Press **▲/▼** button to select an item.

**Step 5:** Press **OK** button to enter the selected item.

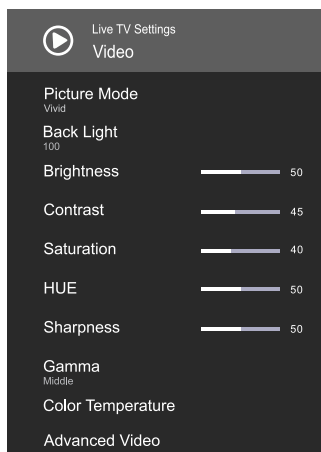
**Step 6:** Press **▲/▼** or **◀/▶** to adjust the item.

**Step 7:** Press **BACK** button to back to the upper-level menu.

**Step 8:** Press **EXIT** button to exit "Live TV Settings".

**Note:** Some items may not be available for some regions, some models or some input sources.

## Video Menu



*Note: The picture is only for reference.*

### ■ Picture Mode

Select the picture mode: **User, Cinema, Sport, Vivid or Hi-Bright.**

### ■ Back Light

Adjust the backlight of the screen **(0~100)**.

### ■ Brightness

Adjust the brightness of the picture **(0~100)**.

### ■ Contrast

Adjust the difference between light and dark areas of the picture **(0~100)**.

### ■ Saturation

Adjust the colorfulness of the color relative to its own brightness **(0~100)**.

### ■ HUE

Adjust the color tint of the picture **(0 ~ 100)**.

### ■ Sharpness

Adjust the edge of the picture **(0~100)**.

### ■ Gamma

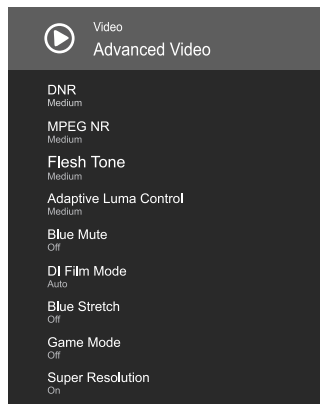
Adjust the light intensity of original image. Choices are **Dark, Middle** and **Bright**.

### ■ Color Temperature

Adjust the overall color tone of the picture. Choices are **Cool, Standard** and **Warm**.

### ■ Advanced Video

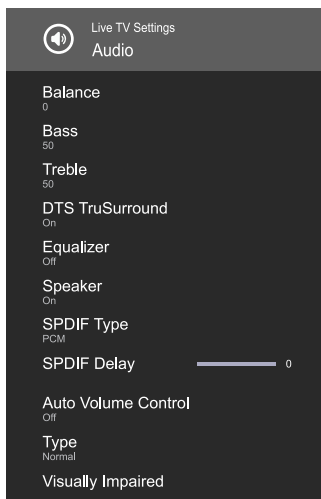
Make adjustments of advanced features for video performance.



*Note: The picture is only for reference.*

- **DNR:** Remove the noise from the video signal.
- **MPEG NR:** Reduce the noise created while compressing or converting the MPEG signal.
- **Flesh Tone:** Adjust the flesh tone of the picture.
- **Adaptive Luma Control:** Adjust the luma of the picture automatically depending on the input signal.
- **Blue Mute:** If it is set on, the screen will turn blue signal.
- **DI Film Mode:** Suppress the image shaking to achieve a stable and fluent play of the dynamic picture.
- **Blue Stretch:** Turn on to make the part of high brightness and low saturation more blue.
- **Game Mode:** (Only for interlaced signal) Turn on to make the video played more fluently by improving the time delay between input and output video signals.
- **Super Resolution:** Turn on to reduce the serrations of the picture.

## Audio Menu



*Note: The picture is only for reference.*

### ■ Balance

Control the sound balance between right and left speakers (-50~50).

### ■ Bass

Adjust the lower frequency of the sound (0~100).

### ■ Treble

Adjust the higher frequency of the sound (0~100).

### ■ DTS Trusurround

Turn on or turn off the DTS TruSurround sound system.

### ■ Equalizer

Select the appropriate sound mode. Choices are **Off**, **Rock**, **Pop**, **Live**, **Dance**, **Techno**, **Classic** and **Soft**.

### ■ Speaker

Turn on or turn off the TV speaker.

### ■ SPDIF Type

Select the SPDIF type. Choices are **Off**, **Dolby Digital** and **PCM**.

### ■ SPDIF Delay

Adjust the value of SPDIF sound output delay (0~250).

### ■ Auto Volume Control

Turn on to adjust the sound volume automatically depending on the input signal.

### ■ Type

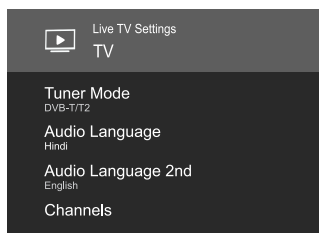
Select the preferred audio type for different purposes. Choices are **Normal** and **Visually Impaired**.

### ■ Visually Impaired

Adjust related audio settings to help the blind or visually-impaired viewers understand and enjoy the program. Choices are **Speaker** and **Volume**.

*Note: This function is only available when **Type** is selected to be "Visually Impaired".*

## TV Menu (Only for TV source)



*Note: The picture is only for reference.*

### ■ Tuner Mode

Select the tuner mode: **DVB-T/T2**, or **DVB-C**. It is only available for DTV source.

### ■ Audio Language

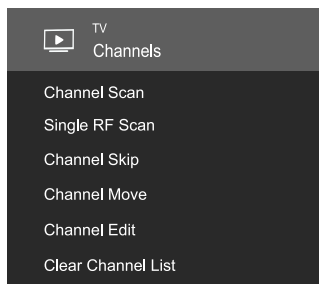
Select the primary audio language. It is only available for DTV source.

### ■ Audio Language 2nd

Select the secondary audio language. It is only available for DTV source.

### ■ Channels

Execute the function of channel scan, channel edit and so on.



*Note: The picture is only for reference.*

• **Channel Scan:** Search for the channels automatically. Select the desired TV source before starting the channel scan. If you want to cancel the scanning, press **BACK** button, and press **OK** to continue the scanning.

- **Single RF Scan:** (Only for DTV source) Search for RF Channels Manually. Press ◀/▶ button to select the RF Channel No. If you want to cancel the scanning, press **BACK** button, and press **OK** button to continue the scanning.

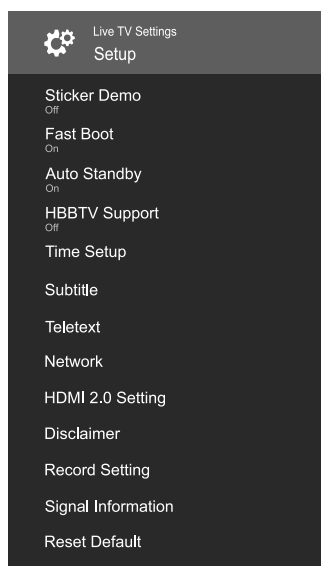
- **Analog Manual Scan:** (Only for ATV source) Search for analog channels Manually. Press **OK** button to enter the interface of inputting the start frequency. Select "Scan Up" to search towards frequency higher than the start frequency. Select "Scan Down" to search towards frequency lower than the start frequency. If you want to cancel the scanning, press **BACK** button, and press **OK** button to continue the scanning.

- **Channel Skip/Move/Edit:** Skip/move/edit the channel you want.

- **Analog Channel Fine Tune:** (Only for ATV source)  
If the reception is clear, you don't have to fine tune the channel, as this is done automatically during searching and storing operation. If the signal is weak or distorted, fine tune the channel manually. Press ◀/▶ button to adjust the frequency until the image is clear.

- **Clear Channel List:** Clear the channel list.

## Setup Menu



**Note:** The picture is only for reference.

### ■ Sticker Demo

Turn on to demonstrate main features of the TV for a shop display.

### ■ Fast Boot

Turn on or turn off the function of fast boot.

- 1) If you turn off "Fast Boot" function in "Setup" menu, and press **POWER** button to power off the TV. Both the TV and the system will close to fully save energy. In such case, it will take long time to power on the TV again.
- 2) If you turn on "Fast Boot" function in "Setup" menu, and press **POWER** button to power off the TV, the TV will close, but the system still runs continuously. In such case, it will take short time to power on the TV again.

### ■ Screen Mode

Select the desired screen mode. Choices are **Auto**, **Normal**, **Zoom**, **Letterbox**, **Panorama**, and **Dot by Dot** (not support dtv).

#### **Note:**

- 1) This function is only available after you have searched for channels.
- 2) Choices differ by different input signals.

### ■ Auto Standby

Open to turn off the TV automatically if there are no signals and operations for a few minutes, or if there are signals but no operations for 4hours.

### ■ HBBTV Support

Turn on or turn off the function of HBBTV support. It is only available for some countries.

### ■ Time Setup

Setup the TV time. Choices are **Time Zone**, **Time** and **Sleep Timer**.

### ■ Subtitle

Setup for the subtitle function. Choices are **Digital Subtitle**, **Digital Subtitle Language**, **Digital Subtitle Language 2nd** and **Subtitle Type**.

**Note:** "Hearing Impaired" in **Subtitle Type** is used to help the deaf or hearing-impaired viewers understand and enjoy the program.

### ■ Teletext

Setup for the teletext function. Choices are **Digital Teletext Language**, **Decoding Page Language** and **TTX Presentation Level**.

### ■ Network

Turn on the function of **Wake on Lan (WOL)** or **Wake on WLAN (WOW)**.

The followings are for your reference to understand the function of **WOL/WOW**:

**Step 1:** Turn on **WOL/WOW** function on the TV.

**Step 2:** Connect the TV and your mobile phone to the same wired/wireless network.

**Step 3:** Press **POWER** button on the remote control to turn the TV to standby mode.

**Step 4:** Open **YouTube** on your mobile phone.

**Step 5:** Click **Cast** icon on the top display of YouTube.

**Step 6:** Find and connect the TV as an available device.

**Step 7:** The TV will be turned on from standby mode.

### Note:

- 1) **WOL/WOW** can turn on the TV from standby mode by wired/wireless network. By default, **WOL/WOW** is turned off. If you turn on **WOL/WOW** function, it will consume more energy.
- 2) **WOL/WOW** is only available after **Fast Boot** in **Setup** menu is turned on.

### ■ HDMI 2.0 Setting

Select HDMI signal format. Choices are **4K@60Hz 4:2:0** and **4K@60Hz 4:4:4/4:2:2**.

### ■ Disclaimer

Declaration to disclaim any responsibility or liability arising from user's failure in operating the TV on network, USB and so on.

### ■ Record Setting

Setup for the Time-shift function. Choices are **Device Info** and **Reset Timeshift**.

### ■ Signal Information

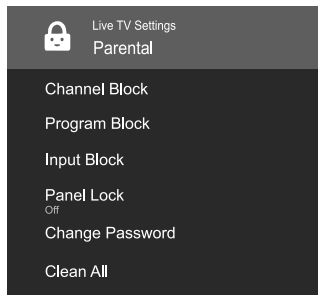
Show the current signal information. It is only available for DTV source.

### ■ Reset Default

Restore menu settings to the factory defaults. All user settings on the TV will lose completely after operating this feature.

## Parental Menu

Password is needed for entering the parental system. The default password is "0000".



Note: The picture is only for reference.

### ■ Channel Block

(Only for DTV & ATV source) Restrict unauthorized access to specific channel based on the Channel information.

### ■ Program Block

Restrict unauthorized access to specific programs based on the age rating. Choices are **Rating Enable** and **Age Rating**.

### Note:

- 1) **Age Rating** is only available when **Rating Enable** is turned on.
- 2) The choices of **Age Rating** differ by different countries.

### ■ Input Block

Restrict unauthorized access to specific input source based on the source type.

### ■ Panel Lock

Disable the function of TV button.

### ■ Change Password

Change the current password of parental system.

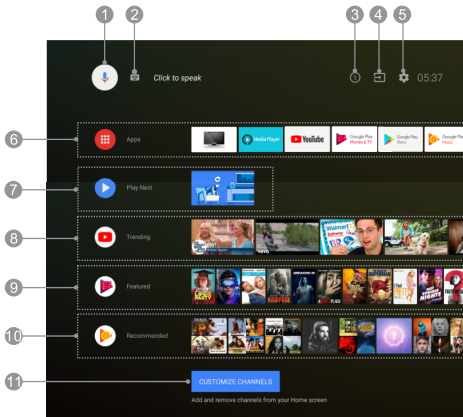
### ■ Clean All

Clean all user settings of parental system you have made.

# Chapter 3: Smart Features

## Home Page

Please press **HOME** button to enter the home page to enjoy the following functions.



**Note:** The picture is only for reference.

1. **Google Assistant:** Click to interact with Google Assistant of the TV.
2. **Text Searching:** Click to start the searching by typing the text.
3. **Notifications:** Remind you of system-critical information, such as low disk space, Google sign in or account errors, network connectivity issues, etc.
4. **Input:** Select the input source.
5. **Settings:** Access the system setting.
6. **Apps:** Show the list of favorite applications, or access the application center.
7. **Play Next:** Show the program you are watching or about to watch. You can add the desired program by long pressing **OK** button, then selecting "Add to Play Next".
8. **Trending:** Show the list of trending contents from YouTube.
9. **Featured:** Show the list of featured contents from Google Play Movies & TV.
10. **Recommended:** Show the list of recommended contents from Google Play Music.
11. **Customize Channels:** Add or remove the selected channel as you like.

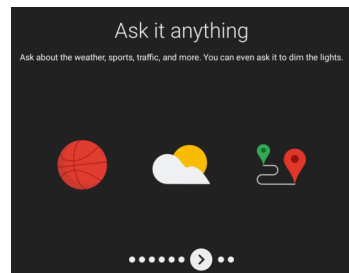
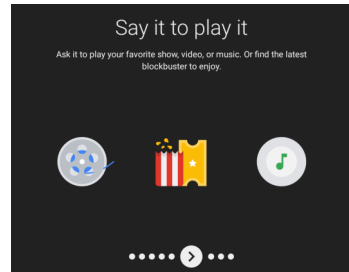
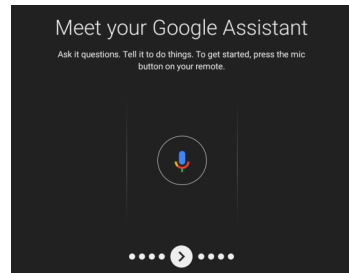
**Note:**

- 1) The functions and contents of "Home Page" may vary by different countries or models.
- 2) Before using network functions in home page like network applications and so on, please connect the TV to the network firstly.
- 3) Icon copyrights are owned by the application providers.

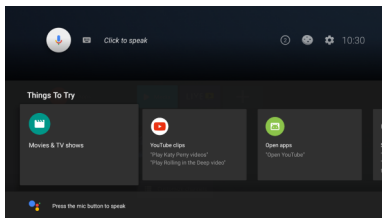
## Google Assistant

■ Google Assistant is available on your Android TV as your virtual personal helper. Press **MIC** button on your remote control to start and enjoy it. It is so wonderful that you will love it instantly! With Google Assistant, you can get what you want easily and quickly by using the power of your voice.

There is no complicated or boring text typing, and what you need to do is just speaking to your TV.



■ If you want to know the detailed functions of Google Assistant, please ask Google Assistant "What can you do", then there will show the list with kinds of functions on the screen to tell you what Google Assistant can do for you.

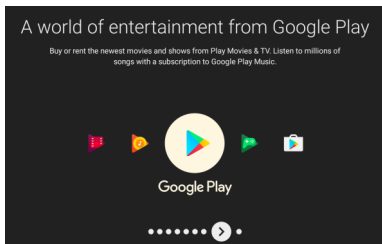


■ Before using Google Assistant, please make sure that you have connected your TV to the network, and that you have paired your Bluetooth remote control with the TV successfully, and also that you have signed in your Google Account.

**Note:**

- 1) The pictures are only for reference.
- 2) Google Assistant is only available for some languages, and before using it, please make sure that you have paired your Bluetooth remote control with the TV successfully.

## Google Play



### ■ Google Play Store

"Google Play Store" is the official application market which is developed and operated by Google. You can search and download the free or paid application as you want. The followings are only for your reference to search and download a web browser:

- 1) Select <HOME → Apps → Google Play Store> to enter the application market.
- 2) Search for "Web Browser" & download the desired browser.
- 3) Install it on your TV, then its icon will be displayed in the application center.
- 4) Click "Apps" on home page to enter the application center.
- 5) Select the installed browser and long press **OK** button to enter the menu of application management.
- 6) Select "Add to Favorites" to add the browser to the list of favorite applications on home page.

### ■ Google Play Music

"Google Play Music" is an online music center, where you can search and listen to the free or paid music as you like.

### ■ Google Play Games

"Google Play Games" is a game application center, where you can search and download the free or paid game application as you like.

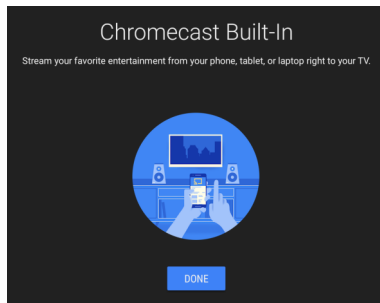
### ■ Google Play Movies & TV

"Google Play Movies & TV" is a service center offering movies and television shows available for your purchase or rental.

**Note:**

- The picture is only for reference.
- The functions and contents of "Google Play" may vary by different countries or models. Play store & applications are controlled by Google & are subjected to regional availability.
- To use the functions of "Google Play", you must have connected the TV to the network, and have signed in to your Google account.
- According to circumstances of the content provider, an application's updates or the application itself may be discontinued.
- Changes in application content may be made without prior notice by the service provider.
- Manufacturer does not warrants or held responsible for the any complaint, defect caused due to installation of third party applications.

## Chromecast Built-In




### ■ Definition of Chromecast Built-in

"Chromecast Built-In" is a casting technology developed by Google that enables your mobile device or personal computer to initiate and control playback of internet-streamed audio/video content on the TV.

### ■ How to Cast Content

"Chromecast Built-In" offers two methods to cast content:


The first employs mobile device and web apps that support Chromecast Built-In technology.

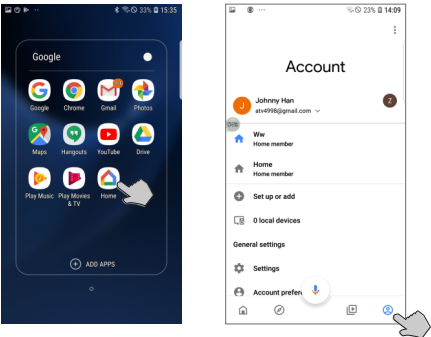
The second allows mirroring of content from the web browser “Google Chrome” (with cast extension) running on a personal computer. In both cases, playback is initiated through the cast icon “” on the sender device.

■ **Cast Screen/Audio (like Google Home)**

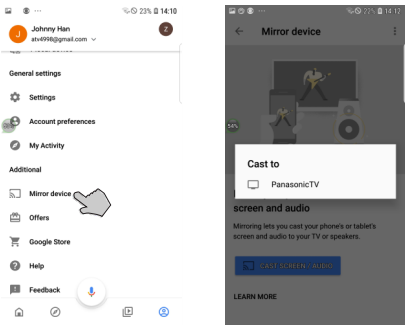
Cast your mobile device’s screen and audio to the TV.

**Step 1:** Connect your phone and the TV to the same wireless network successfully.

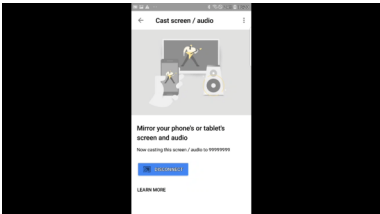
**Step 2:** Select and access “Home” application from your phone, then click “” to enter the account page.



**Step 3:** Select and access “Mirror device”, then select the name of the TV to connect the TV with your phone.



**Step 4:** The contents on the screen of your phone has been completely cast onto the TV big screen. Click “DISCONNECT” to stop casting.





■ **Cast Live streams and Videos (like YouTube)**

Cast your mobile device’s live streams and videos to the TV.

**Step 1:** Connect your phone and the TV to the same wireless network successfully.




**Step 2:** Select and access “YouTube” application from your phone.



**Step 3:** Select the content you like, then click cast icon “” to cast the site link of the content to the TV for playing the content by the TV instead of your phone. Click cast icon “” again to stop casting.



Bellow buttons you can use on remote control while playing videos:

	Play / Pause
	Fast Backward / Fast Forward
	To stop the video

**Note:**  
For above YouTube cast feature, both smart phone & the TV Should be connected to the same network.

## Disclaimer about Using Android

Network application contents and services are controlled by network application providers by means of networks and transmission facilities, which are subject to alteration, suspension, removal, termination or interruption, or invalid access at any time without further notice in that the manufacturer is unable to control or to be informed of the aforesaid change. The manufacturer makes a further declaration that it disclaims any responsibility or liability arising from customer's failure to use the network application contents and services caused by, including but not limited to, failure of network connection or communication lines, technological updates, or the alteration, suspension, interruption, termination, disabling, or removal of any contents or services by the network application providers etc.

### Note:

- Some USB storage devices may not be compatible to operate smoothly with this TV.
- Back up all of the data in the USB storage device in case data was lost due to an unexpected accident.
- We do not assume any liability for the losses by misuse or malfunction. Data backup is consumer's responsibility.
- For large file sizes, the loading speed may be slightly longer.
- The recognition speed of a USB storage device may depend on each device.
- When connecting or disconnecting the USB storage device, ensure that the TV is not in USB mode otherwise the USB storage device or the files stored in it may be damaged.
- Please use only a USB storage device which is formatted in FAT16, FAT32, NTFS file system provided with the Windows operating system. In case of a storage device formatted as a different utility program which is not supported by Windows, it may not be recognized.
- When using a USB Hard Disk Drive which requires electric power source, ensure its rated power does not exceed the current marked at the USB terminal. If the power of the USB hard Disk exceeds the marked current, the TV system will be changed into standby mode, then you must pull away the USB Hard Disk and restart the TV system.
- An "Unsupported File" message will be displayed if the file format is unsupported or corrupted.
- FHD big picture needs longer time to process, which is not caused by the TV. Please be patient to wait.
- This TV may not support some multimedia files changed and upgraded as the change of encoding format or other technical advances.
- Use high-quality mobile device to record HD programs, otherwise the videos will be jammed during the playback. Back up all of the data in the USB storage device in case data was lost due to an unexpected accident.
- We do not assume any liability for the losses by misuse or malfunction. Data backup is consumer's responsibility.
- Do not power off the TV during the software upgrading process, otherwise the TV may not work, and the customer should be responsible.

- Manufacturer does not guarantee the operation of third-party web browsers. Third-party apps that have been downloaded and installed from the Google Play store are supported by the company or developer who produced them.
- The browser may not support some web pages or videos due to network, region, format or internet service provider, which has nothing to do with the TV.
- Each trade mark indicated on this TV are the property of each trademark right holder, and all rights are reserved by them.
- This product uses certain open sources software: For necessary legal information, please see the support page of this product.  
(<http://www.panasonic.com/middleeast/en/support.html>)

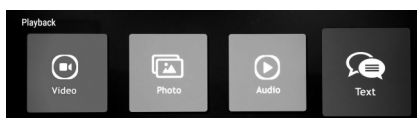
## Media Player

### ■ Preparation

- Insert your USB device on the TV to view compatible photo and movie on the TV screen or play compatible music through the TV.
- If the connected USB hard disk does not have an external power source, it may not be detected. Be sure to connect the external power source.
- To avoid losing the data on your USB device or damaging your USB device, it is recommended that you back up all data on your USB device.
- The control menu displays in media player may differ by different regions or models. And please take your actual TV as the standard.
- If you want to pull out your USB device, please exit USB mode firstly.
- For instructions on using your USB device, refer to the owner's manual of your USB device.
- Never remove the USB device or turn off the TV while using the USB device. Doing so may result in loss of data or damage to the USB device or the TV.
- Certain types of USB devices may not be compatible with the TV.

### ■ Media Operation

If you select **Media Player** and then press **OK** to enter, the top screen of Media Player is displayed as following.



**Note:** The picture is only for reference.

- Step 1:** Connect your USB device to the TV.
- Step 2:** Press **HOME** button to enter the home page.
- Step 3:** Press **▲/▼/◀/▶** and **OK** button to select and enter "Media Player" .
- Step 4:** Press **◀/▶** and **OK** button to select and enter a file type: **Video, Photo, Audio** or **Text**.
- Step 5:** Press **▲/▼/◀/▶** and **OK** button to select and play the desired media file which is the same file type as which you have selected in Step 4.
- Step 6:** Press **USB Play Control Buttons** (**▶/||/■/◀/▶▶**) to control the playback.
- Step 7:** Press **BACK** button to exit the media player.

■ **Video Menu**

While playing the video, press **MENU** button to display the video menu. It consists of the following items.

Item	Description
Play/Pause	Play or pause the video playback
Repeat	Select the repeat mode
Show Info	Show detailed information of the current video
Picture Mode	Select the picture mode
Screen Mode	Select the screen mode
Picture Setting	Adjust the picture settings
Audio Setting	Adjust the audio settings
Last Memory	Turn on or turn off the function of last memory
Subtitle Encoding	Select the appropriate subtitle encoding type to display the subtitle correctly

■ **Photo Menu**

While browsing the photo, press **MENU** button to display the photo menu. It consists of the following items.

Item	Description
Play/Pause	Play or pause the photo playback
Repeat	Select the repeat mode
Shuffle	Open or close the random play
Duration (for play)	Select playing interval time between two photos
Effect (for play)	Select the display effect
Rotate (for pause)	Rotate the photo
Zoom (for pause)	Enlarge the photo
Show Info	Show detailed information of the current photo

■ **Audio Menu**

While playing the audio, press **MENU** button to display the audio menu. It consists of the following items.

Item	Description
Play/Pause	Play or pause the audio playback
Repeat	Select the repeat mode
Shuffle	Open or close the random play
Show Info	Show detailed information of the current audio
Lyric Options	Setup the lyrics
Audio Setting	Adjust the audio settings

■ **Text Menu**

While playing the text, press **MENU** button to display the text menu. It consists of the following items.

Item	Description
Font	Adjust the font settings
Show Info	Show detailed information of the current text

**Note:**

- Under the following conditions, this system cannot decode the file and the file cannot be played normally:  
 -The parameters of file, such as the pixel of picture, code rate of audio and video file, sampling rate of audio file, exceed the limit of the system;  
 -The format of file is not matched or the file is harmed.  
 Note: The code rate this system supports does not exceed 20Mbps.
- Hot plug: Do not disconnect when the system is reading or transmitting data, avoid damaging the system or the device.
- Pay attention to the power supply of the device when you are using a mobile hard disk or a digital camera. If the power supply is not sufficient or not stable, you may encounter problems during operating or can not operate at all. In this case, please restart the device, or unplug the device and plug it again, and ensure that its power supply is normal.
- The system supports standard USB1.1, USB2.0 and USB3.0 devices, such as standard U-disks, MP3 players, mobile hard disks, etc..
- For obtaining better audio and video quality, It is suggested to use the external device which accords with USB2.0 standard.
- When playing the video with high compression ratio, these phenomenons, such as picture standstill and menu long time response, are normal.
- For some USB device with power supply, such as large size hard disk, MP4, etc., Suggest using it with power to avoid electric power shortage. -The parameters of file, such as the pixel of picture, code rate of audio and video file, sampling rate of audio file, exceed the limit of the system.
- The file may not be played normally because its parameters, such as the pixel of picture, code rate of audio and video file, sampling rate of audio file, exceed the limit of the system.

# Chapter 4: Technical Infomation

## Supported File Formats in Media Player

### Video:

Video Codec(file type)	File Extension Name	Sampling rate SPEC	Bit Rate	Profile
MPEG1	AVI (.avi) ASF (.asf .asx) MP4 (.mp4 .m4v .mov .3gp) OGM (.ogm) MKV (.mkv .mks) MPEG program stream (.DAT, .VOB, .MPG, .MPEG) TS (.ts .m2ts .its .mpg)	720*576 @ 30fps	80Mbps	
MPEG2	AVI (.avi) ASF (.asf .asx) MP4 (.mp4 .m4v .mov .3gp) OGM (.ogm) MKV (.mkv .mks) MPEG program stream (.DAT, .VOB, .MPG, .MPEG) TS (.ts .m2ts .its .mpg)	1920*1080 @ 60fps	80Mbps	. Simple Profile Main Profile
MPEG4 (unsupported type:Mpeg4 V3/ Mpeg4 v2)	AVI (.avi) ASF (.asf .asx) MKV (.mkv .mks)	1920*1080 @ 60fps	80Mbps	ASP L5
H.263	ASF (.asf .asx) MP4 (.mp4 .m4v .mov .3gp)	1920*1080 @60fps	80Mbps	
H.264	AVI (.avi) ASF (.asf .asx) TS (.ts .m2ts .its .mpg) Video ES(.m1v .m2v .m4v .264 .vc1)	3840x2304 @ 30fps 3840x2304 @ 60fps 1920*1080 @60fps	80Mbps	. Main Profile . High Profile L5.1 L5.2 L4.2
MVC	TS (.ts .m2ts .its .mpg)	1920*1080 @60fps	80Mbps	L4.1
VC1	TS (.ts .m2ts .its .mpg) Video ES(.m1v .m2v .m4v .264 .vc1)	1920*1080@60fps	80Mbps	. Advanced Profile @Level 3
VP9	MKV (.mkv .mks)	1920*1080 @60fps 3840x2304 @ 30fps 3840x2304 @ 60fps	60Mbps	

### Photo:

Container	File Extension Name	Photo	Resolution	Remark
JPEG	.jpeg	Base-line	17000x10000	
		Progressive	4000x4000	
GIF	.gif	static		No-limitation(depend on dram size)
		animation		No-limitation(depend on dram size)
PNG	.png			No-limitation(depend on dram size)
BMP	.bmp		16383x16383	

Audio:

Audio Codec(file type)	File Extension Name
MPEG1/2	MP4 (.mp4,.m4v,.mov,.3gp) MKV (.mkv,.mks) MPEG program stream (.DAT,.VOB,.MPG,.MPEG)
MPEG4	ASF(.asf,.asx) MPEG program stream (.DAT,.VOB,.MPG,.MPEG)
AC3	ASF(.asf,.asx) MKV (.mkv,.mks) MPEG program stream (.DAT,.VOB,.MPG,.MPEG) Audio ES(.amr,.ape,.ac3,.ec3,.mp2,.mp3,.wav,.flac,.ogg)
EAC3	MPEG program stream (.DAT,.VOB,.MPG,.MPEG) Audio ES(.amr,.ape,.ac3,.ec3,.mp2,.mp3,.wav,.flac,.ogg)
AAC	AVI(.avi) ASF(.asf,.asx) OGM(.ogg) MPEG program stream (.DAT,.VOB,.MPG,.MPEG)
FLAC	Audio ES(.amr,.ape,.ac3,.ec3,.mp2,.mp3,.wav,.flac,.ogg)

Text:

Number	Container	File Extension Name
1	text	.txt

Note

- Some files may not be played back even if they fulfil these conditions.
- The device may become unusable with this TV if the file or folder names are changed.

## Maintenance

First, remove the mains plug from the socket outlet.

### Regular care:

Gently wipe the surface of the display panel, cabinet, or pedestal by using a soft cloth to clean the dirt or fingerprints.

### For stubborn dirt:

First clean the dust on the surface. Dampen a soft cloth with clean water or diluted neutral detergent ( 1 part detergent to 100 parts water).

Wring the cloth and wipe the surface.

Finally, wipe away all the moisture.

### Mains plug

Wipe the mains plug with a dry cloth at regular intervals. Moisture and dust may lead to fire or electrical shock.



### Caution

Do not use a hard cloth or rub the surface too hard, otherwise this may cause scratches on the surface.

- Take care not to subject the TV' surfaces to water or detergent Liquid inside the TV could lead to product failure.
- Take care not to subject the surface to insect repellent, solvent, thinner or other volatile substances. This may degrade surface quality or cause peeling pf the paint.
- The surface of the display panel is specially treated and may be easily damaged. Take care not to tap or scratch the surface with your fingernail or other hard objects.
- Do not allow the cabinet and pedestal to make contact with a rubber or PVC substance for a long time. This may degrade surface quality.

## Troubleshooting

Most problems you encounter with your TV can be corrected by consulting the following troubleshooting list.

### No picture, no sound

- Check if the fuse or circuit breaker is working.
- Plug another electrical device into the outlet to make sure it is working or turned on.
- Power plug is in a bad contact with the outlet.
- Check the signal source.

### No colour

- Adjust the saturation.

### Remote control does not work

- Change the batteries.
- Batteries are not installed correctly.
- Main power is not connected.

### No picture, normal sound

- Adjust the brightness and contrast.

### Normal picture, no sound

- Press the Vol+ button to increase volume.
- Volume is set to mute, press the mute button to restore sound.

### Radio frequency interference

This interference produces moving ripples or diagonal streaks, and in some case, loss of contrast in the picture. Find out and remove the radio interference source.

### Bluetooth remote control can't be paired successfully

- Retry to pair remote control for more times.
- Change the batteries.

### Can't sign in Google account

- Retry to sign in again.
- Use another device to check if there is something wrong with the network.
- Use another Android device to check if there is something wrong with the Google server.

### Can't use Google Assistant

- Check if the Bluetooth remote control has been paired successfully.
- Use another device to check if there is something wrong with the network.
- Use another Android device to check if there is something wrong with the Google server.

## Specifications

Model No.		TH-49GX536M/TH-49GX536MF	TH-55GX536M/TH-55GX536MF	TH-65GX536M/TH-65GX536MF
Power Source		100 - 240 V ~ 50/60 Hz	100 - 240 V ~ 50/60 Hz	100 - 240 V ~ 50/60 Hz
Power Consumption	Power Rating	120 W	150 W	230 W
	Standby Condition	< 0.5W	< 0.5W	< 0.5W
Display Panel	Visible Screen Size	124 cm	139 cm	165 cm
	Resolution	3840 X 2160	3840 X 2160	3840 X 2160
Dimensions (L X B X H)	with Pedestal TV only	1095.2 X 238.4 X 682.1 mm 1095.2 X 99.4 X 633.2 mm	1234.6 X 238.5 X 759.5 mm 1234.6 X 99.3 X 712.8 mm	1455 X 281 X 887 mm 1455 X 100 X 837 mm
	Net Weight	11.8 kg (with Pedestal) 11.5 kg (TV only)	14.8 kg (with Pedestal) 14.4 kg (TV only)	22.0 kg (with Pedestal) 21.5 kg (TV only)
Gross Weight		16.7 kg	19.9 kg	29.5 kg
Sound	Speaker	6 Ω		
	Audio Output	10 W + 10 W		
TV System		DTV: DVB-T/T2/C		
		ATV: PAL/SECAM BG/DK/I		
Connection Terminals	AV IN	AUDIO L/R RCA PIN Type x 2		
		VIDEO RCA PIN Type x 1		
	ANTENNA IN	Aerial Connector x 1		
	HDMI	HDMI Connector x 3 (HDMI1 and HDMI 2 can support HDMI 2.0 devices)		
	USB	USB 2.0 Connector x 1 DC 5 V, Max. 500mA		
		USB 3.0 Connector x 1 DC 5 V, Max. 900mA		
	DIGITAL AUDIO Out	Optical x 1		
	LAN	Network Connector x 1		

### Note

1. Design and Specifications are subject to change without notice.
2. Weight and Dimensions shown herein are approximate
3. The graphics in this manual are only for reference.
4. Your TV may be slightly different from that shown in this manual.
5. In dry environment due to static electricity, the product may restart and return to the main OSD interface, USB player interface or the previous source mode. It is normal and please continue to operate the TV. .

UAE-TRA	OMAN-TRA
Wi-Fi Module: ER69559/19	Wi-Fi Module: TRA/TA-R/7089/19
BT Remote control: ER69560/19	BT Remote control: TRA/TA-R/7114/19
Dealer No: DA0052708/10	Dealer No: D090281