

**SAMSUNG**

# USER MANUAL

**The Sero**

**LS05T**

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Thank you for purchasing this Samsung product.


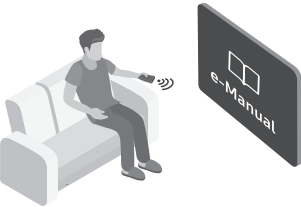


To receive more complete service, please register your product at [www.samsung.com](http://www.samsung.com)

Model \_\_\_\_\_ Serial No. \_\_\_\_\_

# Before Reading This User Manual

This TV comes with this user manual and an embedded e-Manual.





Before reading this user manual, review the following:

	<p><b>User Manual</b></p>	<p>Read this provided user manual to see information about product safety, installation, accessories, initial configuration, and product specifications.</p>
	<p><b>e-Manual</b></p>	<p>For more information about this TV, read the e-Manual embedded in the product.</p> <ul style="list-style-type: none"> <li>To open the e-Manual,           <ul style="list-style-type: none"> <li> &gt;  <b>Settings</b> &gt; <b>Support</b> &gt; <b>Open e-Manual</b></li> </ul> </li> </ul>



On the website ([www.samsung.com](http://www.samsung.com)), you can download the manuals and see its contents on your PC or mobile device.

## Learning the e-Manual's assistance functions

- Some menu screens cannot be accessed from the e-Manual.

	<p><b>Search</b></p>	<p>Select an item from the search results to load the corresponding page.</p>
	<p><b>Index</b></p>	<p>Select a keyword to navigate to the relevant page.</p> <ul style="list-style-type: none"> <li>The menus may not appear depending on the geographical area.</li> </ul>
	<p><b>Site Map</b></p>	<p>It displays the lists for each item in e-Manual.</p>
	<p><b>Recently Viewed Topics</b></p>	<p>Select a topic from the list of recently viewed topics.</p>

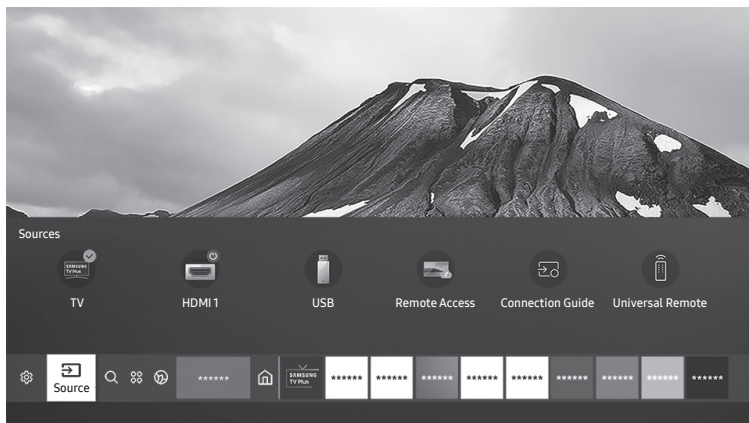
## Learning the functions of the buttons that appear on e-Manual topic pages

	<p><b>Try Now</b></p>	<p>Allows you to access the corresponding menu item and try out the feature right away.</p>
	<p><b>Link</b></p>	<p>Access an underlined topic referred to on an e-Manual page immediately.</p>

# Features of your new TV

## Home Screen

In Home Screen, you can easily run the apps that have been used previously or frequently. The apps can also be moved or deleted in the screen.



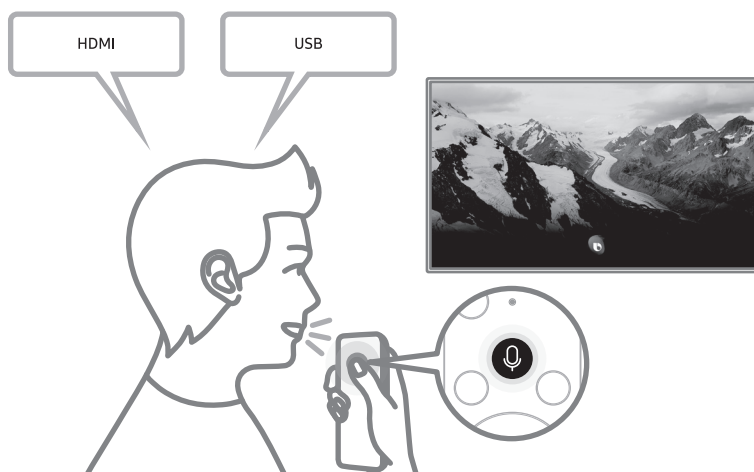
- The image on your TV may differ from the image above depending on the model and geographical area.

## e-Manual

Get help from a detailed, on-screen user's manual built into your TV.

## Bixby

Access and control menu options and functions using Bixby.









- The image on your TV may differ from the image above depending on the model and geographical area.

# Warning! Important Safety Instructions

Please read the Safety Instructions before using your TV.

Refer to the table below for an explanation of symbols which may be on your Samsung product.

<p style="text-align: center;"><b>CAUTION</b></p> <div style="background-color: black; color: white; padding: 10px; text-align: center;"> <p><b>RISK OF ELECTRIC SHOCK. DO NOT OPEN.</b></p> </div>		<p>Class II product: This symbol indicates that a safety connection to electrical earth (ground) is not required. If this symbol is not present on a product with a mains lead, the product <b>MUST</b> have a reliable connection to protective earth (ground).</p>	
<p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). THERE ARE NO USER SERVICEABLE PARTS INSIDE. REFER ALL SERVICING TO QUALIFIED PERSONNEL.</p>		<p>AC voltage: Rated voltage marked with this symbol is AC voltage.</p>	
	<p>This symbol indicates that high voltage is present inside. It is dangerous to make any kind of contact with any internal part of this product.</p>		<p>DC voltage: Rated voltage marked with this symbol is DC voltage.</p>
	<p>This symbol indicates that this product has included important literature concerning operation and maintenance.</p>		<p>Caution. Consult instructions for use: This symbol instructs the user to consult the user manual for further safety related information.</p>

- The slots and openings in the cabinet and in the back or bottom are provided for necessary ventilation. To ensure reliable operation of this apparatus and to protect it from overheating, these slots and openings must never be blocked or covered.
  - Do not place this apparatus in a confined space, such as a bookcase or built-in cabinet, unless proper ventilation is provided.
  - Do not place this apparatus near or over a radiator or heat register, or where it is exposed to direct sunlight.
  - Do not place vessels (vases etc.) containing water on this apparatus, as this can result in a fire or electric shock.

- Do not expose this apparatus to rain or place it near water (near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, etc.). If this apparatus accidentally gets wet, unplug it and contact an authorised dealer immediately.
- This apparatus uses batteries. In your community, there might be environmental regulations that require you to dispose of these batteries properly. Please contact your local authorities for disposal or recycling information.
- Do not overload wall outlets, extension cords, or adaptors beyond their capacity, since this can result in fire or electric shock.
- Power-supply cords should be placed so that they are not likely to be walked on or pinched by items placed upon or against them. Pay particular attention to cords at the plug end, at wall outlets, and at the point where they exit from the appliance.
- To protect this apparatus from a lightning storm, or when left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the set due to lightning and power line surges.
- Before connecting the AC power cord to the DC adaptor outlet, make sure that the voltage designation of the DC adaptor corresponds to the local electrical supply.
- Never insert anything metallic into the open parts of this apparatus. This may cause a danger of electric shock.
- To avoid electric shock, never touch the inside of this apparatus. Only a qualified technician should open this apparatus.
- Be sure to plug in the power cord until it is firmly seated. When unplugging the power cord from a wall outlet, always pull on the power cord's plug. Never unplug it by pulling on the power cord. Do not touch the power cord with wet hands.
- If this apparatus does not operate normally - in particular, if there are any unusual sounds or smells coming from it - unplug it immediately and contact an authorised dealer or Samsung service centre.
- Be sure to pull the power plug out of the outlet if the TV is to remain unused or if you are going to leave the house for an extended period of time (especially when children, elderly, or disabled people will be left alone in the house).
  - Accumulated dust can cause an electric shock, an electric leakage, or a fire by causing the power cord to generate sparks and heat or by causing the insulation to deteriorate.

- Be sure to contact an authorised Samsung service centre for information if you intend to install your TV in a location with heavy dust, high or low temperatures, high humidity, chemical substances, or where it will operate 24 hours a day such as in an airport, a train station, etc. Failure to do so may lead to serious damage to your TV.
  - Use only a properly grounded plug and wall outlet.
    - An improper ground may cause electric shock or equipment damage. (Class I Equipment only.)
  - To turn off this apparatus completely, disconnect it from the wall outlet. To ensure you can unplug this apparatus quickly if necessary, make sure that the wall outlet and power plug are readily accessible.
  - Store the accessories (batteries, etc.) in a location safely out of the reach of children.
  - Do not drop or strike the product. If the product is damaged, disconnect the power cord and contact a Samsung service centre.
  - To clean this apparatus, unplug the power cord from the wall outlet and wipe the product with a soft, dry cloth. Do not use any chemicals such as wax, benzene, alcohol, thinners, insecticide, aerial fresheners, lubricants, or detergents. These chemicals can damage the appearance of the TV or erase the printing on the product.
  - Do not expose this apparatus to dripping or splashing.
  - Do not dispose of batteries in a fire.
  - Do not short-circuit, disassemble, or overheat the batteries.
  - **CAUTION:** There is danger of an explosion if you replace the batteries used in the remote with the wrong type of battery. Replace only with the same or equivalent type.
- \* The figures and illustrations in this User Manual are provided for reference only and may differ from the actual product appearance. The product design and specifications may change without notice. CIS languages (Russian, Ukrainian, Kazakhs) are not available for this product, since this is manufactured for customers in the EU region.

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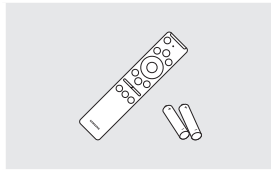
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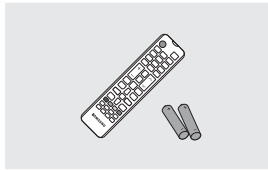


# 01 What's in the Box?

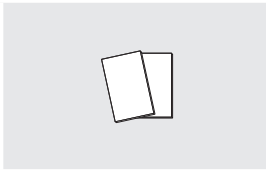
Make sure the following items are included with your TV. If any items are missing, contact your dealer.



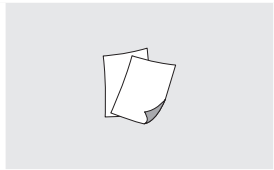
Samsung Smart Remote & Batteries (AA x 2)



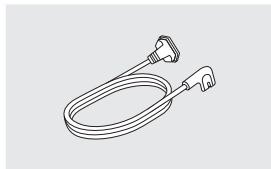
Remote Control & Batteries (AAA x 2)



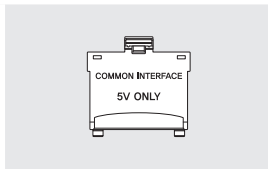
User Manual



Regulatory Guide



TV Power Cable



CI Card Adapter

- The items' colours and shapes may vary depending on the models.
- Cables not included can be purchased separately.
- Check for any accessories hidden behind or in the packing materials when opening the box.

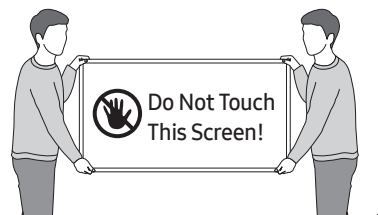
An administration fee may be charged in the following situations:

- (a) An engineer is called out at your request, but it is found that the product has no defect (i.e., where the user manual has not been read).
- (b) You bring the unit to the Samsung service centre, but it is found that the product has no defect (i.e., where the user manual has not been read).

You will be informed of the administration fee amount before a technician visits.

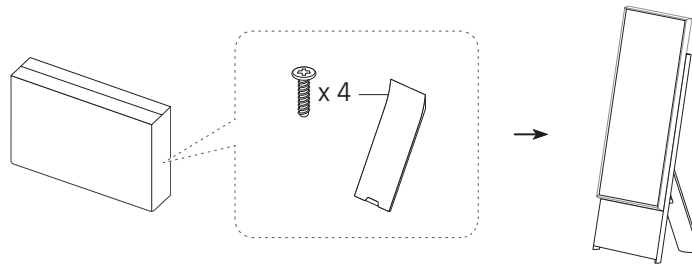


**Warning:** Screens can be damaged from direct pressure when handled incorrectly. We recommend lifting the TV at the edges, as shown.



## 02 Assembling the TV

### Attaching the TV to the Stand



Make sure you have all the accessories shown, and that you assemble the stand following the provided assembly instructions.

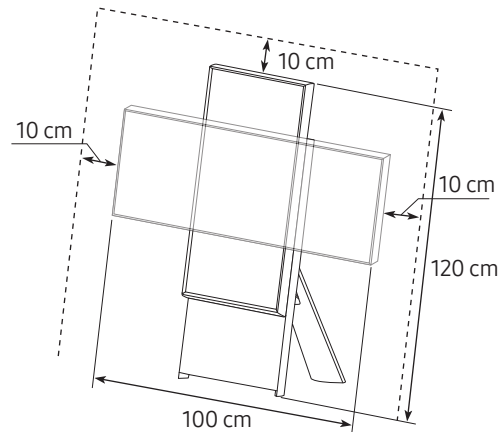
- The product colour and shape may vary depending on the model.
- For the assembly method and stand components, refer to Quick Setup Guide.

### Providing proper ventilation for your TV

Leave a space around the product for ventilation. Failing to maintain proper ventilation may result in a fire or a problem with the product caused by an increase in its internal temperature.

For installation, be sure to secure the spaces as shown in the figure.

- When you install your TV with a stand, we strongly recommend you use parts provided by Samsung Electronics only. Using parts provided by another manufacturer may cause difficulties with the product or result in injury caused by the product falling.



## Other Cautions

- The actual appearance of the TV may differ from the images in this manual, depending on the model.
- Be careful when you touch the TV. Some parts can be somewhat hot.

## Precautions for TV Installation

Using the stand provided with the product, install The Sero on a flat surface.



**Caution:** Pulling, pushing, or climbing on the TV may cause the TV to fall. In particular, ensure your children do not hang on or destabilise the TV. This action may cause the TV to tip over, causing serious injuries or death. Follow all safety precautions provided in the Safety Flyer included with your TV.



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

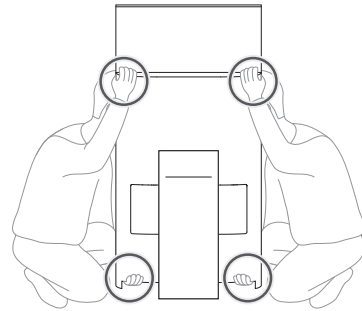
- Always use cabinets or stands or mounting methods recommended by the manufacturer of the television set.
- Always use furniture that can safely support the television set.
- Always ensure the television set is not overhanging the edge of the supporting furniture.
- Always educate children about the dangers of climbing on furniture to reach the television set or its controls.
- Always route cords and cables connected to your television so they cannot be tripped over, pulled or grabbed.
- Never place a television set in an unstable location.
- Never place the television set on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television set to a suitable support.
- Never place the television set on cloth or other materials that may be located between the television set and supporting furniture.
- Never place items that might tempt children to climb, such as toys and remote controls, on the top of the television or furniture on which the television is placed.

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

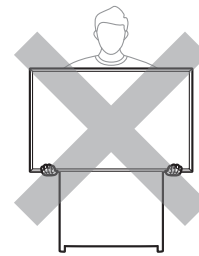
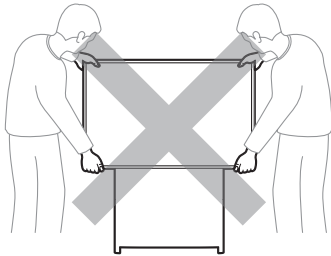
## Precautions for moving The Sero

Lift the product for moving noting the figures below.

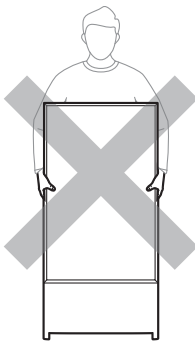
- Lift the product by two persons upright only in portrait mode.
  - ⚠ Never move the product in landscape mode.
  - ⚠ If the product falls, it may cause injury or product damage. Be careful not to hurt hands or feet.
  - ⚠ Be careful not to hold the screen display while lifting the product.



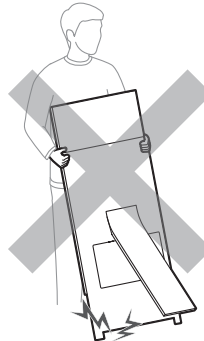
Do not move the product in landscape mode.



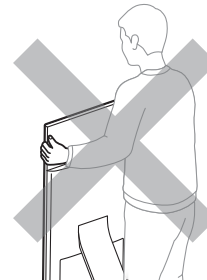
Do not lift the product by yourself.



Never move the product by dragging it.



Never hold the display for moving.



## 03 Performing the initial setup

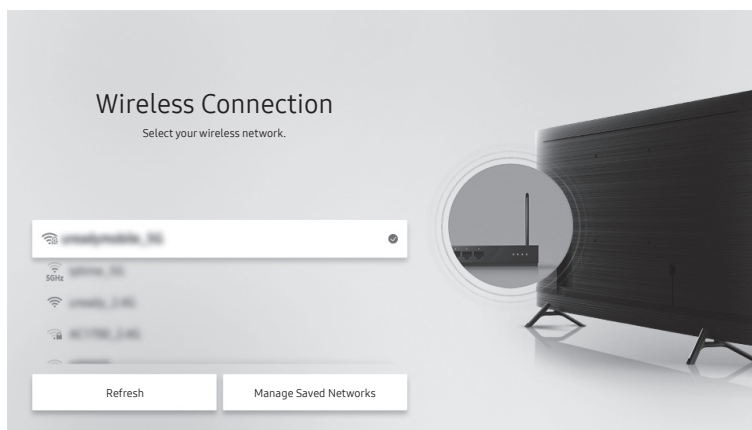
- The initial setup differs from model to model.
- Turn on the TV using the **⏻** button on the remote control or TV controller.
- Noise may occur temporarily when the TV communicates with mobile devices.
- The SmartThings app is available for mobile devices running Android 6.0 or higher or iOS 10 or higher.
- To perform Initial Setup using the SmartThings app, you must connect your mobile device via Wi-Fi.
- If the pop-up for setup does not appear automatically on the SmartThings app on your mobile device, continue setup manually after adding the TV using **Add Device** on the dashboard of the SmartThings app.
  - For more information, refer to "Connecting between The Sero and SmartThings app" on the next page.

You can also start the Initial Setup using the TV's menu (**🏠** > **⚙️ Settings** > **General** > **Reset**). Follow the instructions displayed on the Initial Setup screen and configure the TV's basic settings to suit your viewing environment.

### Initial setup

When you turn on your TV for the first time, it immediately starts the Initial Setup. The Initial Setup allows you to configure the basic settings for the TV to operate, such as broadcast reception, channel search, and network connection, at one time.

- Before starting the Initial Setup, be sure to connect external devices first.
- To use the TV's smart features, the TV must be connected to the Internet.



- The image on your TV may differ from the image above depending on the model and geographical area.
- If you connect any external device to HDMI IN (STB) before starting initial setup, the source of your live TV signal is set to **STB**. After finishing with this process, you will not be able to scan all channels and stores them in the TV's memory.
- If you want to connect aerial cable to your TV, select **Aerial**. In this case, you will be able to scan all channels and stores them in the TV's memory.

## 04 Connection of SmartThings App

You can connect The Sero via the SmartThings app on your mobile device to control the **Portrait Mode** and the related functions on the TV.

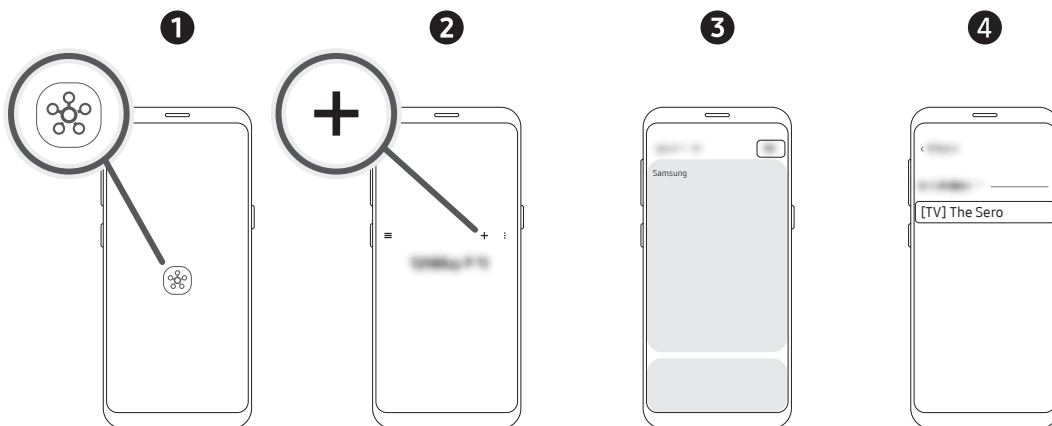
The SmartThings app can be installed from App Store or Google Play Store.

- Update the SmartThings app on your mobile device to the latest version. Available screens or functions may differ depending on the version of the app.
- To connect between The Sero and SmartThings app, they must be on the same network.
  - For the device name of The Sero, find in **⌂ > ⚙ Settings > General > System Manager > Device Name**.

### Connecting between The Sero and SmartThings app

When The Sero connection pop-up appears after launching the SmartThings app on your mobile device, press Add now to connect the product following the screen instructions.

If the pop-up does not appear, you can register the product as follows:



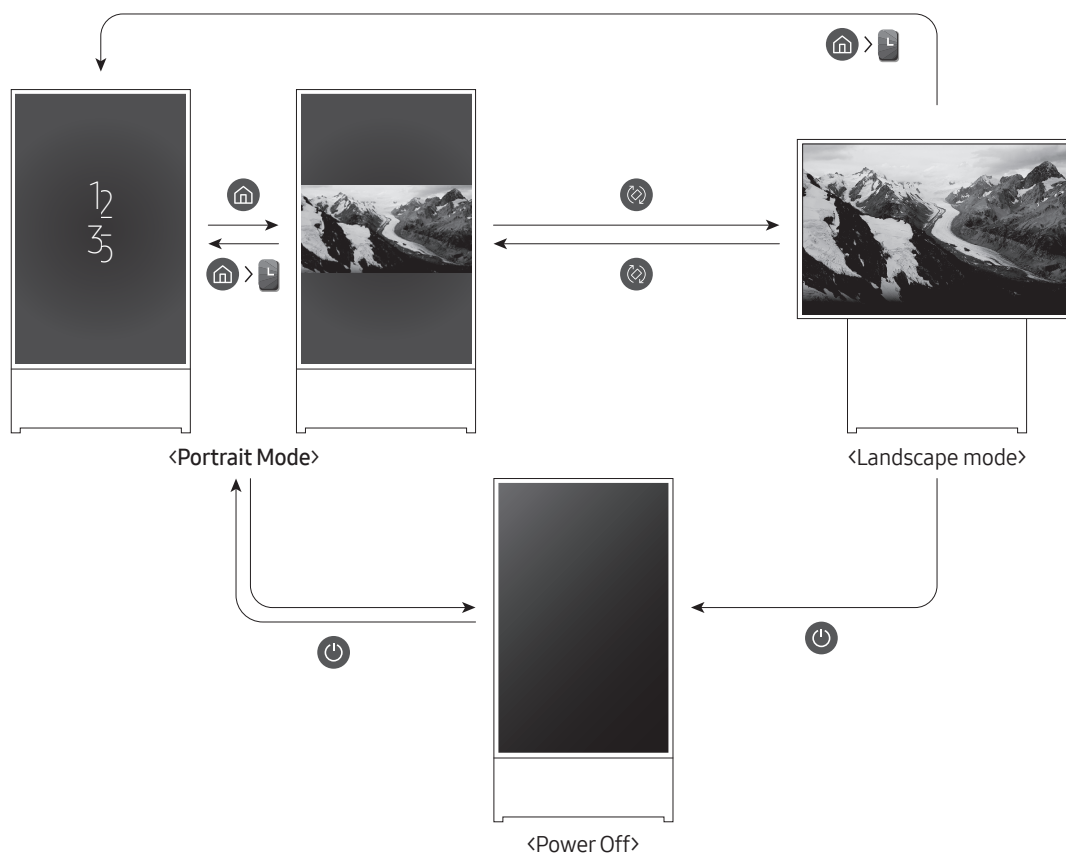
- The screen image of your mobile device may differ from the actual one.







1. Launch the SmartThings app on your mobile device.
2. Tap the + button in the middle on the right and then tap **Device**.
3. Tap Scan at the upper right corner.
4. Tap The Sero when it appears in the device list to connect.
  - If The Sero does not appear in the list, add it manually.
5. Register it following the screen instructions.





## 05 Operations in Portrait Mode

You can rotate the screen vertically and then locate the desired content such as photos, images, and watch while not using the product.

### Switching the mode



- To enter the content screen only for **Portrait Mode**, see the following:
  - In the SmartThings app on your mobile device, select **The Sero** > **TV Control** and then press the  button.
  - Press the  button on the Samsung Smart Remote and then select  **Portrait Mode**.
  - Press and hold the  button in **Portrait Mode**.
- To exit from the content screen only for **Portrait Mode**, on the Samsung Smart Remote, press the  button.
- By pressing the  button on the Samsung Smart Remote, the screen can switch between Portrait and Landscape modes.
  - When some apps are launched in **Portrait Mode**, their mode can be switched to Landscape depending on the app's policy.

- To switch from Landscape to Portrait, see the following:
  - In the SmartThings app on your mobile device, select **The Sero** > **TV Control** and then press the  button.
  - Press the  button on the Samsung Smart Remote.
  - Press the Bixby button on the Samsung Smart Remote and then say "Portrait Mode" or "Rotate vertically".
- When The Sero screen is switched from Landscape to Portrait, the playing content appears at the centre of the screen according to the aspect ratio.
- When the power is turned off in Landscape mode, the screen switches to **Portrait Mode** and then the TV turns off. To turn off the TV in Landscape mode, change its setting. ( >  **Settings** > **General** > **System Manager** > **Turn Off in Portrait**)

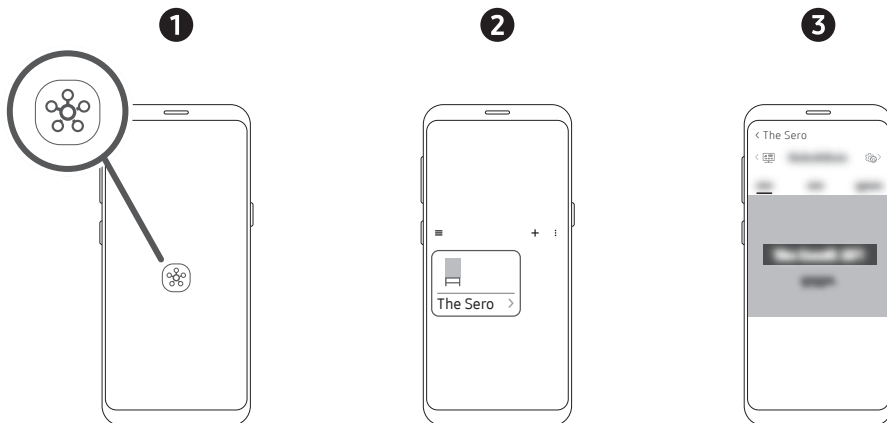
## Setting the content for Portrait Mode

- The provided content may be changed by a future update.

### Setting through the SmartThings app on your mobile device

You can configure the major settings for **Portrait Mode** through the SmartThings app.

- Available screens and functions may differ depending on the app version.



1. Launch the SmartThings app on your mobile device.
2. Tap **The Sero** on the dashboard and then tap **Portrait Mode**.
3. Select the content category, select the desired content by dragging up or down, and then tap the **View on The Sero** button on the screen.



The selected content is set as the content screen only for **Portrait Mode**.

The content categories to select are as follows. To see the detailed information of content, tap the View details button.

- **Clock**  
Can select any of various shapes of watches.
- **Poster**  
Can select content of sensual and beautiful design.
- **My Photo**  
Can select any of photos from your mobile device.
- **Cinemagraph**  
Experience mesmerising hybrids of photo and video, capturing a subtle motion played in a continuous loop.
- **Sound Wall**  
When connected to your mobile device via Bluetooth, you can select the background moving image that appears while playing music.

## Setting the TV with the remote control

When you press the Select button on the remote control in the content screen only for **Portrait Mode**, the content categories appear at the top of the screen.

1. Press the left or right directional button on the remote control to change the content category. The categories that can be changed are as follows:
  - **Clock / Poster / My Photo / Cinemagraph / Sound Wall**
2. Move to the desired content category and then press the up or down directional button on the Samsung Smart Remote to select the desired content.
  - When a specific time elapses without selecting content, the content screen only for **Portrait Mode** is set with the content displayed on the screen.
3. The selected content is set as the content screen only for **Portrait Mode**.

## Playing music in Portrait Mode


### Playing music on your mobile device via The Sero

1. Connect The Sero after searching from the ⌘ (Bluetooth) device list on your mobile device.
2. Select media content to play on your mobile device.


The selected content is played through the speaker of The Sero.

- While playing music on your mobile device, if The Sero is connected, the music is automatically played on The Sero.

## Setting for the Portrait Mode

Select The Sero in the SmartThings app on your mobile device. Tap **Portrait Mode**, tap  at the upper right corner, and then select **Portrait Mode settings**. Using the following functions, you can change the settings for the **Portrait Mode** screen.

- **Brightness**  
Can adjust the screen brightness for the **Portrait Mode**.
- **Daily info**  
Can set to display the time and weather information on the content screen only for **Portrait Mode** by default.
  - It may differ depending on the category.
- **Reset My Photo**  
Can delete all personal photos added to your mobile device and reset to default ones.

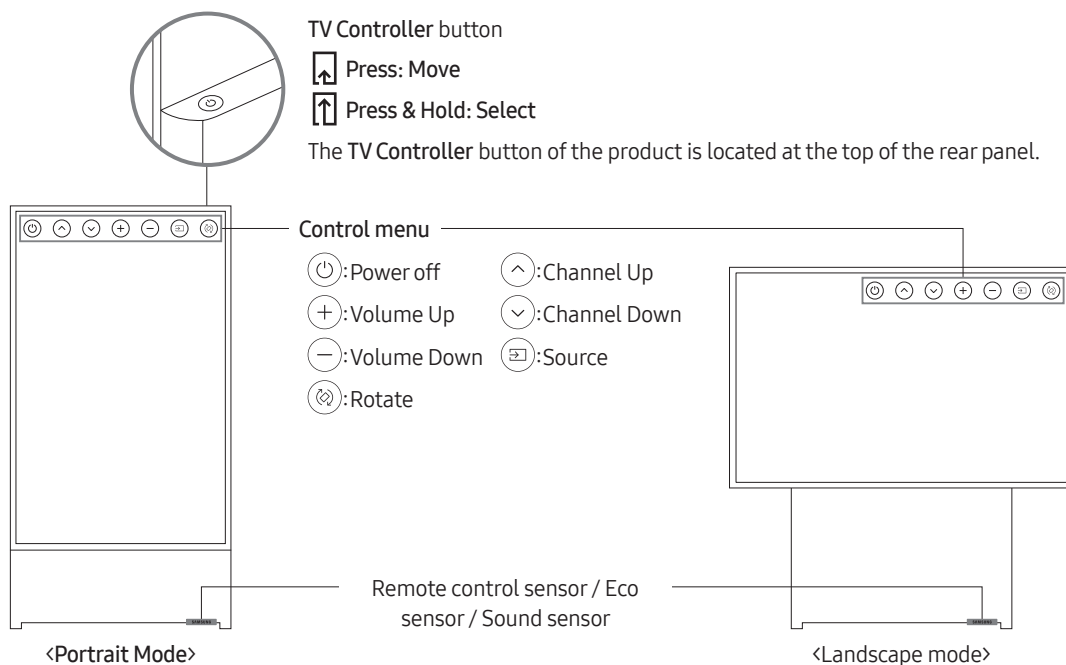
Select The Sero in the SmartThings app on your mobile device and then tap the  button at the upper right corner. You can additionally set the following functions:

- **The Sero Auto On/Off**  
Depending on the distance between your mobile device and The Sero, the power can be controlled automatically to minimise the power consumption.
  - While this function is active, if The Sero approaches closer to your mobile device, its screen turns on automatically.
  - When a certain time elapses after the mobile device is moved far away, the screen turns off automatically.
  - This function is available only in **Portrait Mode**.
- **Bluetooth auto connection**  
When a mobile device registered in The Sero approaches closer with its power off, music on your mobile device is automatically played through the speaker of The Sero.
  - This function is available only in Samsung mobile devices.
  - This function is available only with The Sero Auto On/Off is set to on.
  - This function is available only in **Portrait Mode**.
- **Auto Brightness**  
Adjusts the screen brightness according to the surrounding illumination in **Portrait Mode**.
- **Off Timer**  
Can set the time when to turn off the screen in **Portrait Mode**.
  - This function does not work in **Portrait Mode** while in smart view of the mobile device or playing music of the mobile device via Bluetooth.

# 06 Configuration of The Sero

## Using the TV Controller

Using the TV Controller button at the top on the rear panel, you can turn on The Sero. If the button is pressed again with the power on, you can see the function menus on the screen. The usage of the menus is shown in the following figure.



- The product colour and shape may vary depending on the model.
- Remove the protective film attached on the Samsung logo. The reception sensitivity may decrease when the sensor is blocked.

## Setting the sound sensor



You can turn on or off the sound sensor by using its button at the bottom of the TV. With the TV on, you can push the button backward to turn on the sound sensor or forward to turn off it.

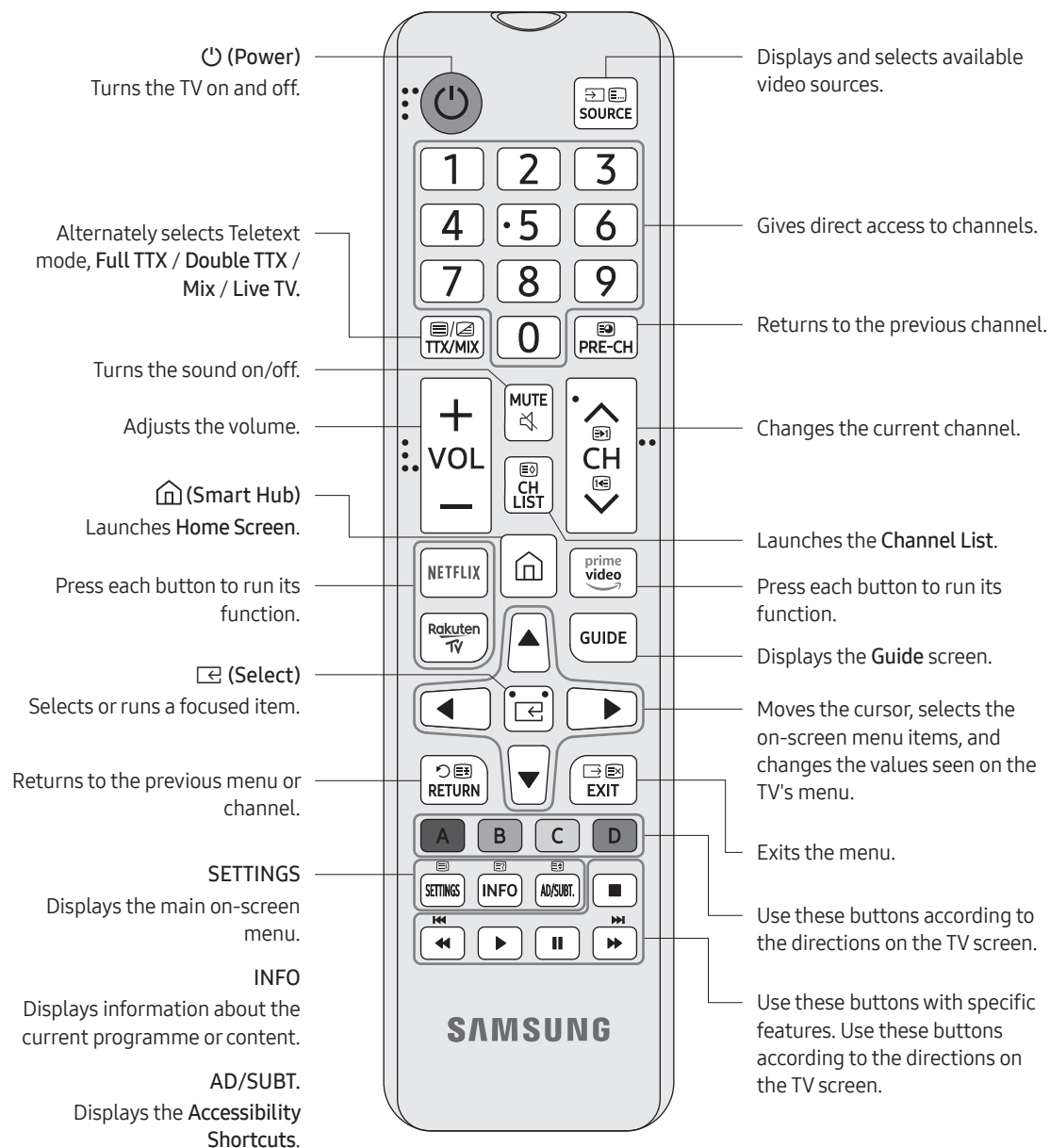
See the pop-up window on the TV to check whether the sound sensor is turned on or off.

- The position and shape of the sound sensor may differ depending on the model.
- During analysis using data from the sound sensor, the data is not saved.

# 07 The Remote Control

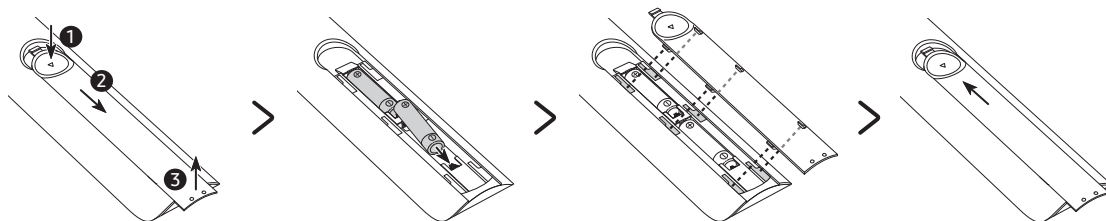
## About the Buttons on the Remote Control

- This remote control has Braille points on the Power, Channel, Volume, and Select buttons and can be used by visually impaired persons.
- The images, buttons, and functions of the remote control may differ depending on the model.
- If you use the remote control that comes with your TV to control another TV, some functions may not operate normally.



## Installing batteries into the remote control (Battery size: AAA)

Match the polarities of the batteries to the symbols on the battery compartment.

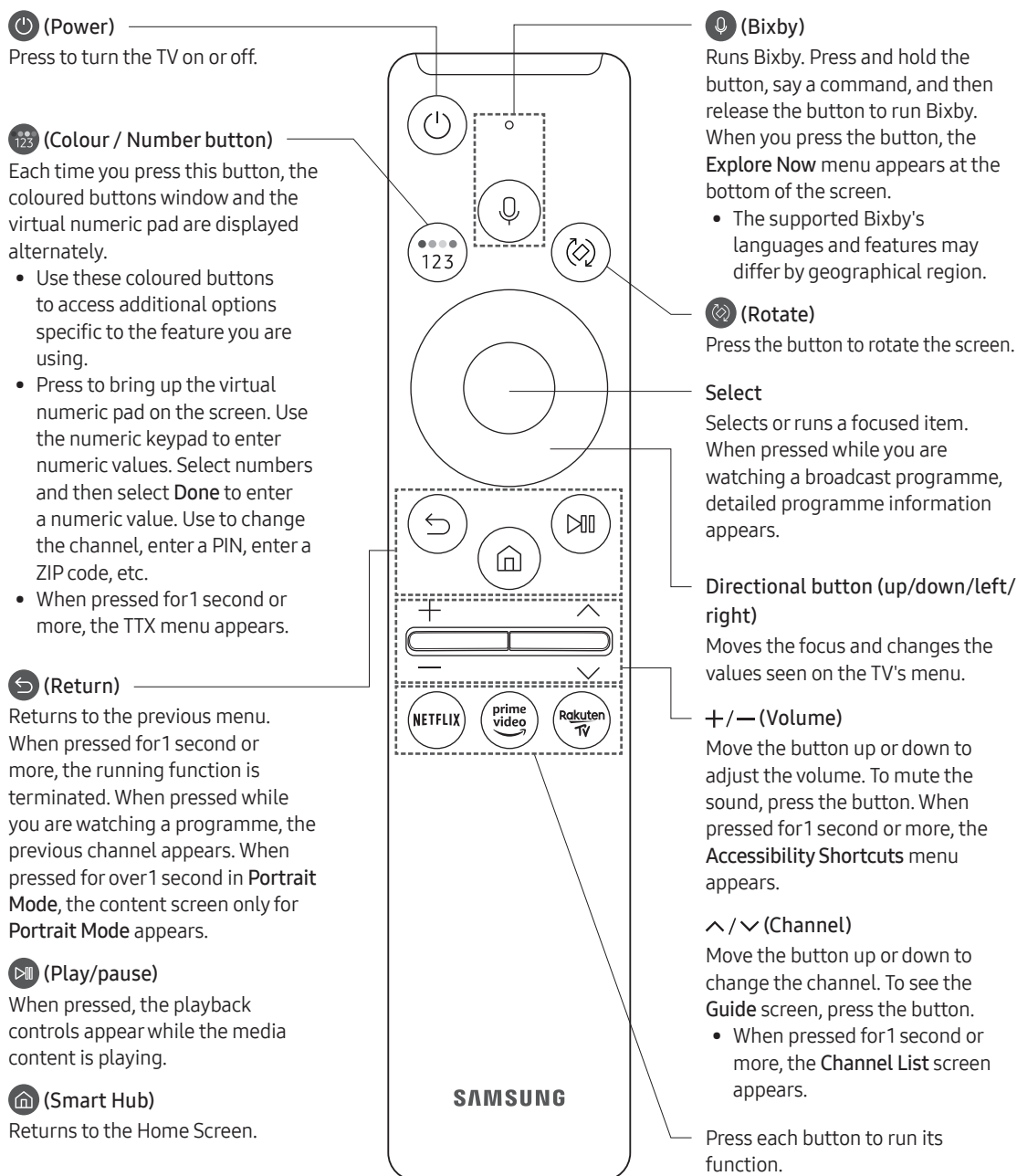


- The colour and shape of the remote may vary depending on the model.
  - Use the remote control within 7 m of the TV.
  - Bright lights may affect the performance of the remote control. Avoid using the remote control near special fluorescent lights or neon signs.
  - Alkaline batteries are recommended for longer battery life.
1. Gently pull on the battery cover's notch and then remove the cover completely once it comes loose.
  2. Insert 2 AAA alkaline batteries, making sure to align the positive and negative polarities correctly.
  3. Place the battery cover on the remote control and insert the cover into the remote control.
  4. Slide the battery cover in the order shown above so that the cover is completely attached to the remote control.

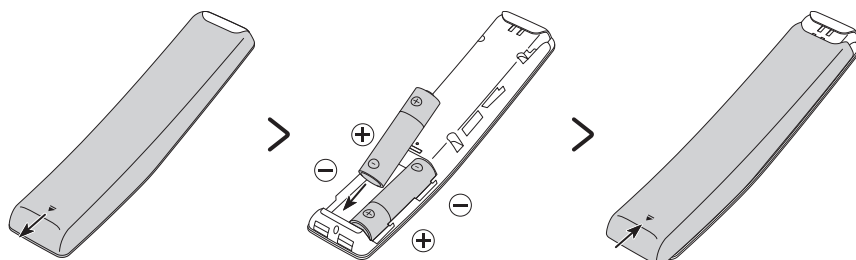
# 08 The Samsung Smart Remote

## About the Buttons on the Samsung Smart Remote

- The images, buttons, and functions of the Samsung Smart Remote may differ depending on the model.
- The Universal Remote function operates normally only when you use the Samsung Smart Remote that comes with the TV.
- When some apps are launched in **Portrait Mode**, their mode can be switched to Landscape depending on the app's policy.



## Installing batteries into the Samsung Smart Remote



To install the batteries (1.5V AA type), push the rear cover open in the direction of the arrow at the bottom of the illustration, and then insert the batteries as shown in the figure. Make sure that the positive and negative ends are facing in the correct direction. Close the rear cover as shown.

- Alkaline batteries are recommended for longer battery life.



## About the Samsung Smart Remote

When you start the TV for the first time by pressing the **⏻ (Power)** button on the Samsung Smart Remote, the TV automatically pairs with the Samsung Smart Remote. Once the TV and Samsung Smart Remote have paired, you can use the Samsung Smart Remote to operate the TV.

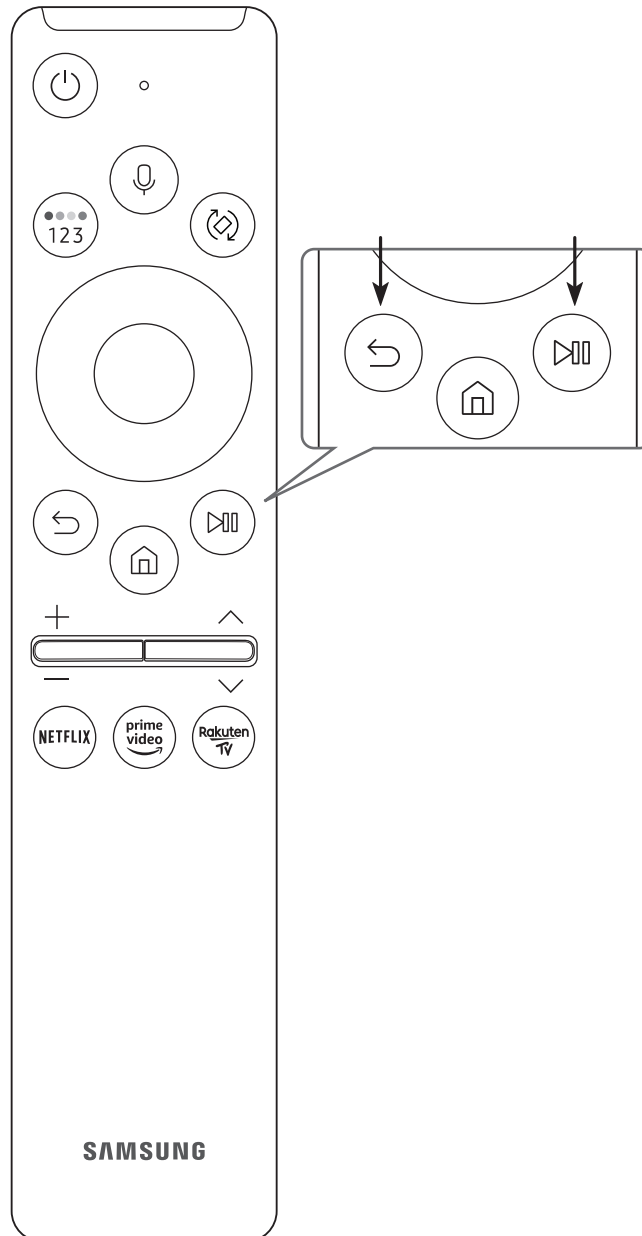
We recommend using Samsung Smart Remote at a distance of less than 6 m. A usable distance may differ depending on the wireless environmental conditions.





## Pairing the TV to the Samsung Smart Remote

When you turn on the TV for the first time, the Samsung Smart Remote pairs to the TV automatically. If the Samsung Smart Remote does not pair to the TV automatically, point it at the remote control sensor of the TV, and then press and hold the  and  buttons simultaneously for 3 seconds or more.

- The Samsung Smart Remote can only be paired to one TV at a time.



## Controlling External Devices with a Samsung Remote Control - Using the Universal Remote

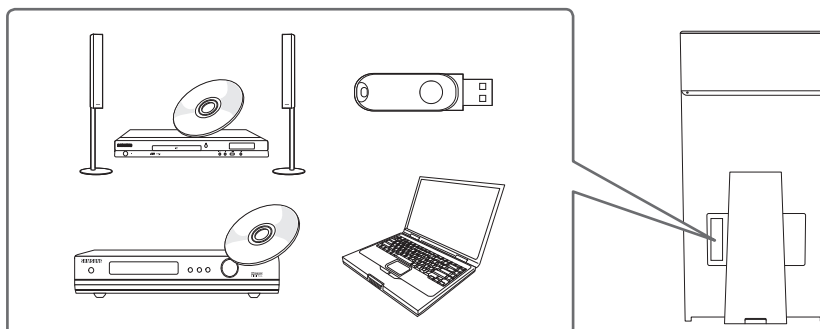
 >  Source > Universal Remote

You can control external devices connected to the TV using a Samsung remote control. To control external devices, register them by following the instructions on the screen.

- This function may not be supported depending on the model.
- You can also use the **Anynet+ (HDMI-CEC)** function to operate external Samsung devices with your TV's remote control without any additional setup.
- Certain external devices connected to the TV may not support the universal remote feature.
- Do not place any obstacles in front of an external device and TV's logo. It may cause signals from the remote control to be transmitted improperly.
- The TV memorises both the external device and its connection port (HDMI 1, HDMI 2, etc.).
- If you have difficulty controlling external devices with the Universal Remote, try adjusting the positions of the external devices.
- This function may not operate properly depending on the TV installation environment and the features of external devices.

# 09 Connections

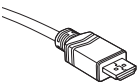

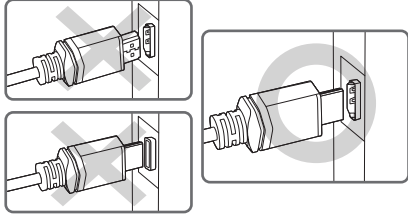
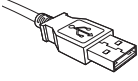

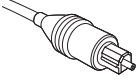

## Connecting devices to your TV



You can connect various external devices using the connectors located at the back of the product. Check the connectors and then refer to the Quick Guide for more instructions on supported external devices.

For more information about connections, see the e-Manual chapter "Guide > Connections".

Make sure you have the correct cable before plugging it in. Illustrations of common plugs and ports are shown below.

	Cable Plugs	Ports	
HDMI			 <p><b>Warning</b> Do not plug cables in upside down. Be sure to check the orientation of the plug before plugging it in.</p>
USB			
Optical			

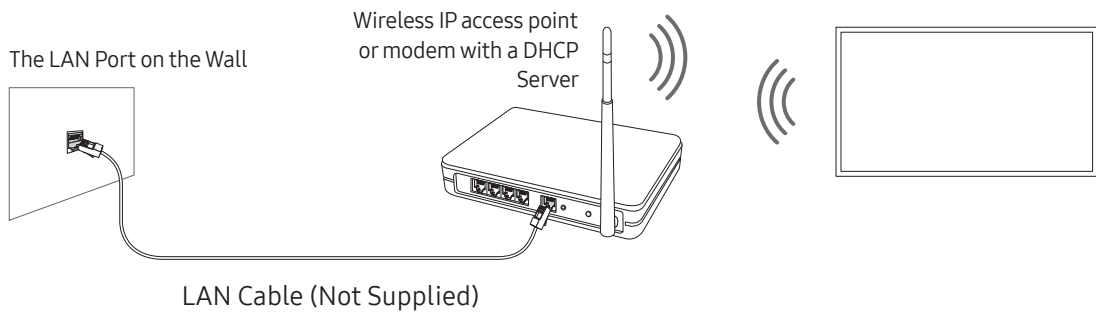
## Connecting to the Internet

Connecting the TV to a network gives you access to online services such as the Smart Hub, as well as software updates.

- For more information about Smart Hub, see the e-Manual chapter, "**Guide > Smart Features > Using Smart Hub**".
- The shape of the rear panel differs among the models.



### Network Connection - Wireless

Connect the TV to the Internet using a wireless access point or modem.



# 10 Selecting Connected Devices

## Changing the input signal

 >  Source

When you select a connected external device on the **Source** screen, the output of the selected device is displayed on the TV's screen.

- For more information about selecting connected devices, see the e-Manual chapter "**Guide** > **Connections** > **Switching between external devices connected to the TV**".

## Editing external devices

You can change the port name for a connected external device or add it to Home Screen.

1. Move the focus to a connected external device.
2. Press the Up directional button. The following functions become available.
  - Available functions may differ depending on the port type.
  - **Universal Remote:** You can control external devices connected to the TV using a Samsung remote control. To control external devices, register them by following the instructions on the screen.
  - **Edit:** You can rename the input ports and change the device icons.
  - **Information:** You can view the detailed information about the external devices connected to the TV.
  - **Add to Home:** You can add the port of an external device to the Home Screen for quick switching.

## Using additional functions

You can use the following features on the **Source** screen.

- **Remote Access:** Use the TV to access your PC via remote PC or Screen Sharing (Wireless).
- **Connection Guide:** The guide to device connections
- **Universal Remote:** Lets you register external devices to your Samsung remote control and control them using the Remote.

# 11 Troubleshooting and Maintenance

## Troubleshooting

If the TV seems to have a problem, first review this list of possible problems and solutions. Alternatively, review the Troubleshooting or FAQ Section in the e-Manual. If none of these troubleshooting tips apply, please visit “www.samsung.com” and click on Support, or contact the Samsung service centre listed on the back cover of this manual.

- This TFT LED panel is made up of sub pixels which require sophisticated technology to produce. There may be, however, a few bright or dark pixels on the screen. These pixels will have no impact on the performance of the product.
- To keep your TV in optimum condition, upgrade to the latest software. Use the **Update Now** or **Auto update** functions on the TV's menu (🏠 > ⚙️ **Settings** > **Support** > **Software Update** > **Update Now** or **Auto update**).
- In **Portrait Mode**, some apps or external inputs may not support the full screen.

### The TV won't turn on.

- Make sure that the AC power cord is securely plugged in to the TV and the wall outlet.
- Make sure that the wall outlet is working and the remote control sensor at the bottom of the TV is lit and glowing a solid red.
- Try pressing the **TV Controller** button behind the screen to make sure that the problem is not with the remote control. If the TV turns on, refer to “The remote control does not work”.

### There is no picture/video/sound, or a distorted picture/video/sound from an external device, or “Weak or No Signal” is displayed on the TV, or you cannot find a channel.

- Make sure the connection to the device is correct and that all cables are fully inserted.
- Remove and reconnect all cables connected to the TV and the external devices. Try new cables if possible.
- Confirm that the correct input source has been selected (🏠 > 📺 **Source**).
- Perform a TV self diagnosis to determine if the problem is caused by the TV or the device (🏠 > ⚙️ **Settings** > **Support** > **Device Care** > **Self Diagnosis** > **Picture Test** or **Sound Test**).
- If the test results are normal, reboot the connected devices by unplugging each device's power cord and then plugging it in again. If the issue persists, refer to the connection guide in the user manual of the connected device.
- If you are not using a cable box or satellite box, and your TV is receiving TV signals from an antenna or a cable wall connector, run **Auto Tuning** to search for channels (🏠 > ⚙️ **Settings** > **Broadcasting** > **(Auto Tuning Settings)** > **Auto Tuning**).
  - The **Auto Tuning Settings** may not appear depending on the model or geographical area.
  - If you are using a cable box or satellite box, please refer to the cable box or satellite box manual.

### **The CI+ does not work.**

- Your Samsung TV conforms to the CI+ 1.4 standards.
- Where a CI+ Common Interface module is incompatible with this device, then please remove the module and contact the CI+ operator for assistance.

### **The remote control does not work.**

- Check if the power indicator at the bottom of the TV blinks when you press the remote's Power button. If it does not, replace the remote control's batteries.
- Make sure that the batteries are installed with their poles (+/-) in the correct direction.
- Try pointing the remote directly at the TV from 1.5-1.8 m away.
- If your TV came with a Samsung Smart Remote (Bluetooth Remote), make sure to pair the remote to the TV.

### **Mobile mirroring works suddenly.**

If any vibration occurs when the product is very close to your mobile device whose mobile tap mirroring is active, mirroring to the set mobile device is enabled.

When the mobile tap mirroring of multiple mobile devices is active and all devices are within the range, any tap event on the product cause mirroring with any device.

### **The cable box or satellite box remote control doesn't turn the TV on or off or adjust the volume.**

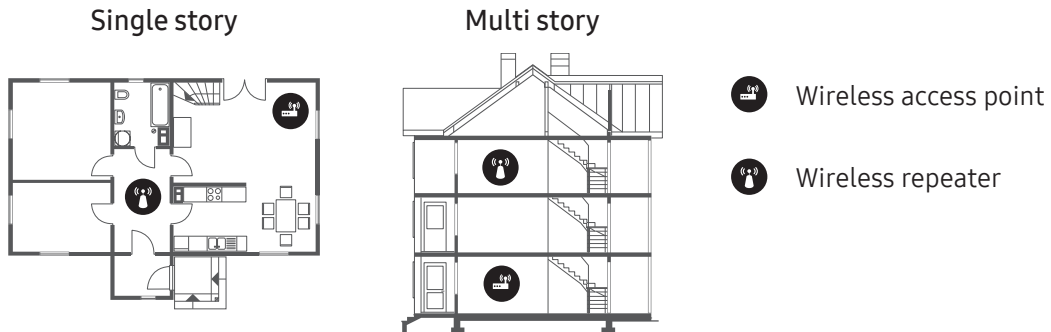
- Programme the cable box or satellite box remote control to operate the TV. Refer to the cable box or satellite box user manual for the SAMSUNG TV code.

### **The TV settings are lost after 5 minutes.**

- The TV is in the **Retail Mode**. Change the **Usage Mode** in the **General Menu** to **Home Mode** (🏠 > ⚙️ Settings > General > System Manager > Usage Mode > Home Mode).

## Intermittent Wi-Fi

- Make sure the TV has a network connection (🏠 > ⚙️ **Settings** > **General** > **Network** > **Network Status**).
- Make sure the Wi-Fi password is entered correctly.
- Check the distance between the TV and the modem or access point. The distance should not exceed 15.2 m.
- Reduce interference by not using or turning off wireless devices. Also, verify that there are no obstacles between the TV and the modem or access point. (The Wi-Fi strength can be decreased by appliances, cordless phones, stone walls/fireplaces, etc.)



- Contact your Internet Service Provider (ISP) and ask them to reset your network circuit to re-register the MAC addresses of your modem or access point and the TV.

## Video Apps problems (Youtube etc)

- Change the DNS to 8.8.8.8. Select (🏠 > ⚙️ **Settings** > **General** > **Network** > **Network Status** > **IP Settings** > **DNS setting** > **Enter manually** > **DNS Server** > enter 8.8.8.8 > **OK**.
- Reset by selecting (🏠 > ⚙️ **Settings** > **Support** > **Device Care** > **Self Diagnosis** > **Reset Smart Hub**.



## What is Remote Support?

Samsung Remote Support service offers you one-on-one support with a Samsung Technician who can remotely:

- Diagnose your TV
- Adjust the TV settings for you
- Perform a factory reset on your TV
- Install recommended firmware updates

## How does Remote Support work?

You can easily get Samsung Remote Support service for your TV:

1. Call the Samsung service centre and ask for remote support.
2. Open the menu on your TV and go to the **Support** menu. (🏠 > ⚙️ **Settings** > **Support**)
3. Select **Remote Management**, then read and agree to the service agreements. When the PIN screen appears, provide the PIN number to the technician.
4. The technician will then access your TV.

## Eco Sensor and screen brightness



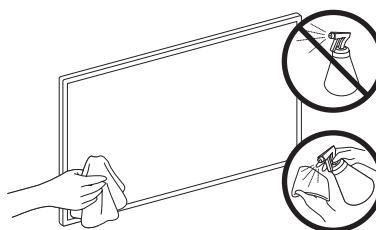
Eco Sensor adjusts the brightness of the TV automatically. This feature measures the light in your room and optimises the brightness of the TV automatically to reduce power consumption.

If you want to turn this off, go to 🏠 > ⚙️ **Settings** > **General** > **Eco Solution** > **Ambient Light Detection**.

- If the screen is too dark while you are watching TV in a dark environment, it may be due to the **Ambient Light Detection** function.
- The eco sensor is located at the bottom of the TV. Do not block the sensor with any object. This can decrease picture brightness.

## Caring for the TV

- If a sticker was attached to the TV screen, some debris can remain after you remove the sticker. Please clean the debris off before watching TV.
- The exterior and screen of the TV can get scratched during cleaning. Be sure to wipe the exterior and screen carefully using a soft cloth to prevent scratches.
- Do not spray water or any liquid directly onto the TV. Any liquid that goes into the product may cause a failure, fire, or electric shock.
- To clean the screen, turn off the TV, then gently wipe away smudges and fingerprints on the panel with a micro-fiber cloth. Clean the body or panel of the TV with a micro-fiber cloth dampened with a small amount of water. After that, remove the moisture with a dry cloth. While cleaning, do not apply strong force to the surface of the panel because it can damage the panel. Never use flammable liquids (benzene, thinner, etc.) or a cleaning agent. For stubborn smudges, spray a small amount of screen cleaner on a micro-fiber cloth, and then use the cloth to wipe away the smudges.



# 12 Specifications and Other Information

## Specifications

Model Name		QE43LS05T
Display Resolution		3840 x 2160
Screen Size Measured Diagonally		43 inches 108 cm
Sound (Output)		60 W
Portrait mode Dimensions (W x H x D)	Body With Stand	564.7 x 1228.1 x 83.4 mm 564.7 x 1200.0 x 327.0 mm
Landscape mode Dimensions (W x H x D)	Body With Stand	972.9 x 1024.1 x 83.4 mm 972.9 x 1002.0 x 327.0 mm
Weight		
Without Stand		26.0 kg
With Stand		33.3 kg

## Environmental Considerations

Operating Temperature	10°C to 40°C (50°F to 104°F)
Operating Humidity	10% to 80%, non-condensing
Storage Temperature	-20°C to 45°C (-4°F to 113°F)
Storage Humidity	5% to 95%, non-condensing

- The design and specifications are subject to change without prior notice.
- For information about the power supply, and more information about power consumption, refer to the label-rating attached to the product.
- Typical power consumption is measured according to IEC 62087.
- You can see the label-rating attached to the back of the TV. (For some models, you can see the label-rating inside the cover terminal.)

## Decreasing power consumption

When you shut the TV off, it enters Standby mode. In Standby mode, it continues to draw a small amount of power. To decrease power consumption, unplug the power cable when you don't intend to use the TV for a long time.

## Licences



The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

## Recommendation - EU Only



Hereby, Samsung Electronics, declares that this equipment is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: <http://www.samsung.com> go to Support and enter the model name.

This equipment may be operated in all EU countries.

The 5 GHz WLAN(Wi-Fi) function of this equipment may only be operated indoors.

BT max transmitter power : 100mW at 2.4GHz – 2.4835GHz

Wi-Fi max transmitter power : 100mW at 2.4GHz-2.4835GHz, 200mW at 5.15GHz-5.25GHz, 100mW 5.25GHz-5.35GHz & 5.47GHz - 5.725GHz

For information on Samsung's environmental commitments and product-specific regulatory obligations, e.g. REACH, WEEE, Batteries, visit [http://www.samsung.com/uk/aboutsamsung/samsungelectronics/corporatecitizenship/data\\_corner.html](http://www.samsung.com/uk/aboutsamsung/samsungelectronics/corporatecitizenship/data_corner.html)

WARNING - TO PREVENT THE SPREAD OF FIRE, KEEP CANDLES OR OTHER ITEMS WITH OPEN FLAMES AWAY FROM THIS PRODUCT AT ALL TIMES.





**Correct Disposal of This Product (Waste Electrical & Electronic Equipment)  
(Applicable in countries with separate collection systems)**

This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.



**Correct disposal of the batteries in this product  
(Applicable in countries with separate collection systems)**

This marking on battery, manual or packaging indicates that the batteries in this product should not be disposed of with other household waste at the end of their working life. Where marked, the chemical symbols Hg, Cd or Pb indicate that the battery contains mercury, cadmium or lead above the reference levels in EC Directive 2006/66. If batteries are not properly disposed of, these substances can cause harm to human health or the environment.

To protect natural resources and to promote material reuse, please separate batteries from other types of waste and recycle them through your local, free battery return system.

# Warranty Card



United Kingdom



Republic of Ireland (EIRE)

This Samsung product is warranted for the period of twelve (12) months from the original date of purchase, against defective materials and workmanship. In the event that warranty service is required, you should return the product to the retailer from whom it was purchased. However, Samsung Authorised Dealers and Authorised Service Centres in the countries listed in Warranty Conditions will comply with the warranty on the terms issued to purchasers in the country concerned. In case of difficulty, details of our Authorised Service Centres are available from:

Samsung Electronics U.K. Ltd.  
Samsung Customer Support Centre  
Selectapost 38, Sheffield, S97 3FJ,  
United Kingdom

United Kingdom: Tel. 0333 000 0333  
[www.samsung.com/uk/support](http://www.samsung.com/uk/support)

EIRE: Tel. 0818 717100  
[www.samsung.com/ie/support](http://www.samsung.com/ie/support)

## WARRANTY CONDITIONS

1. The warranty is only valid if, when warranty service is required, the warranty card is fully and properly completed and is presented with the original invoice or sales slip or confirmation, and the serial number on the product has not been defaced.
2. Samsung's obligations are limited to the repair or, at its discretion, replacement of the product or the defective part. Repaired or replaced products may include new and or refurbished components and equipment.
3. Warranty repairs must be carried out by Authorised Samsung Dealers or Authorised Service Centres. No re-imbusement will be made for repairs carried out by non-Samsung Dealers and, any such repair work and damage to the products caused by such repair work will not be covered by this warranty.
4. This product is not considered to be defective in materials nor workmanship by reason that it requires adaptation in order to conform to national or local technical or safety standards in force in any Country other than the one for which the product was originally designed and manufactured.  
This warranty will not cover, and no re-imbusement will be made for such adaptation nor any damage which may result.
5. This warranty covers none of the following:
  - a) Periodic check-ups, maintenance and repair or replacement of parts due to normal wear and tear.
  - b) Cost relating to transport, removal or installation of the product.
  - c) Misuse, including the failure to use this product for its normal purposes or incorrect installation.
  - d) Use of this product in a commercial/ business environment, which shall include, but is not limited to, the following: any use for profit or financial gain, public display or events such as clubs, bars and restaurants including continuous statistical or graphical display, or any commercial use of continuous or intentional long term display of News reels ("tickers"), static or fixed images such as timetables and 4:3 pictures or video content displaying permanent black bars.
  - e) Damage caused by Lightning, Water, Fire, Acts of God, War, Public Disturbances, incorrect mains voltage, improper ventilation or any other cause beyond the control of Samsung.
  - f) Spillage of food or liquid or use of any other hazardous substances, which may affect the product.
  - g) Performance due to differences in broadcasting method between countries.
6. This warranty is valid for any person who legally acquired possession of the product during the warranty period.
7. The consumers' statutory rights in any applicable national legislation whether against the retailer arising from the purchase contract or otherwise are not affected by this warranty. Unless there is national legislation to the contrary, the rights under this warranty are the consumers' sole rights and Samsung, its subsidiaries and distributors shall not be liable for indirect or consequential loss or any damage to disc based media, removable memory or any other related equipment or material.
8. Some products may differ from these guidelines. Please check with your dealer or the local Samsung web-site.
9. Samsung shall honour warranties for all EU specification products purchased by a consumer within the following European countries listed.
  - UK, Republic of Ireland, Germany, France, Italy, Malta, Spain, Portugal, The Netherlands, Belgium, Luxembourg, Denmark, Sweden, Finland, Poland, Hungary, Czech Republic, Slovakia, Austria, Slovenia, Croatia, Estonia, Latvia, Lithuania, Greece, Cyprus, Romania, Bulgaria, Switzerland, Norway, Lichtenstein and Iceland.

SAMSUNG ELECTRONICS CO LTD.

# SAMSUNG



BN68-10686D-00

## Contact SAMSUNG WORLD WIDE

If you have any questions or comments relating to Samsung products, please contact the Samsung service centre.

Country	Samsung Service Centre ☎	Web Site
IRELAND (EIRE)	0818 717100	<a href="http://www.samsung.com/ie/support">www.samsung.com/ie/support</a>
UK	0333 000 0333	<a href="http://www.samsung.com/uk/support">www.samsung.com/uk/support</a>