SAMSUNG

USER MANUAL



The Frame

LS03T

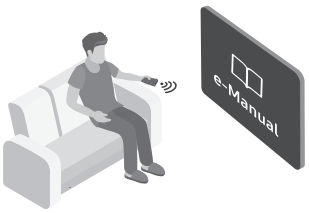
Thank you for purchasing this Samsung product.

To receive more complete service, please register your product at 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:

	User Manual	Read this provided user manual to see information about product safety, installation, accessories, initial configuration, and product specifications.
	e-Manual	For more information about this TV, read the e-Manual embedded in the product. • To open the e-Manual, ⌂ > ⚙ Settings > Support > Open e-Manual

On the website (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.

🔍	Search	Select an item from the search results to load the corresponding page.
A-Z	Index	Select a keyword to navigate to the relevant page. – The menus may not appear depending on the geographical area.
🖧	Site Map	It displays the lists for each item in e-Manual.
🕘	Recently Viewed Topics	Select a topic from the list of recently viewed topics.

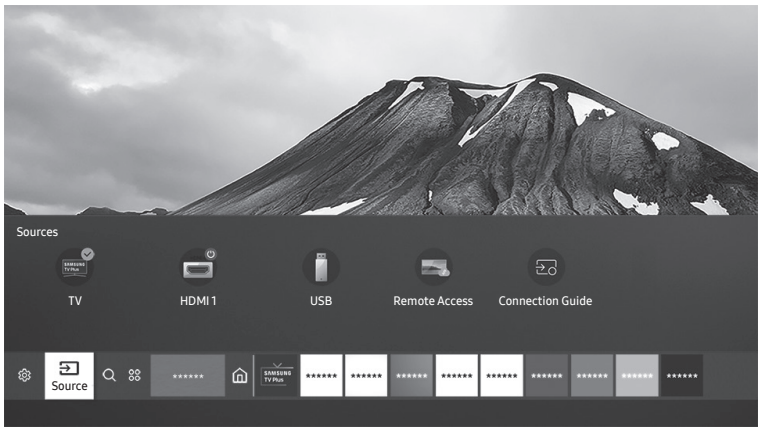
Learning the functions of the buttons that appear on e-Manual topic pages

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

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.

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.

<table>
<tr><td colspan="2">CAUTION

RISK OF ELECTRIC SHOCK. DO NOT OPEN.</td><td></td><td>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 MUST have a reliable connection to protective earth (ground).</td></tr>
<tr><td colspan="2">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.</td><td></td><td>AC voltage: Rated voltage marked with this symbol is AC voltage.</td></tr>
<tr><td></td><td>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.</td><td></td><td>DC voltage: Rated voltage marked with this symbol is DC voltage.</td></tr>
<tr><td></td><td>This symbol indicates that this product has included important literature concerning operation and maintenance.</td><td></td><td>Caution. Consult instructions for use: This symbol instructs the user to consult the user manual for further safety related information.</td></tr>
</table>

- 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 l 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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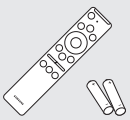
01 What's in the Box?

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)



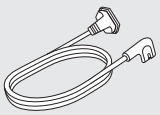
User Manual



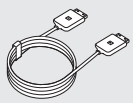
Regulatory Guide



One Connect



One Connect Power Cable



One Connect Cable



x 2
(M4 x L14)

Stand Screw



Holder-Cable

- 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.

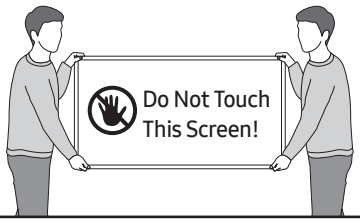
An administration fee may be charged in the following situations:

(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).

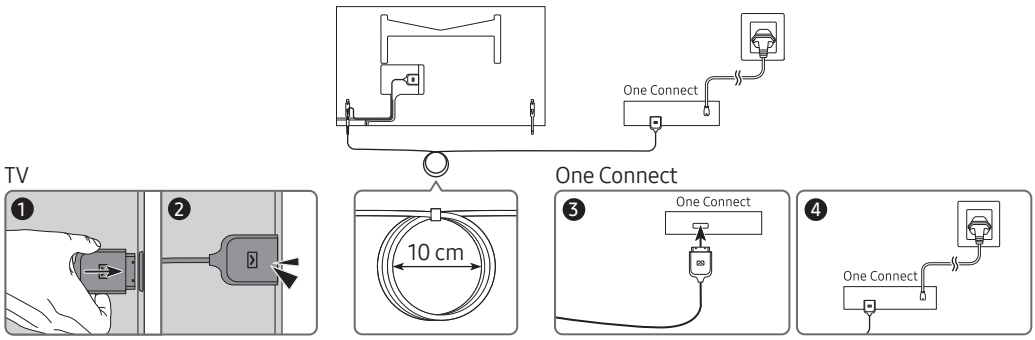
(b) You bring the unit to the Samsung service centre, but it is found that the product has no defect (i.e., where the user manual has not been read).

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 Connecting the TV to the One Connect



To connect the One Connect Cable to the One Connect and your TV, follow these steps:

1. After the TV is completely set up and placed in its final position, connect the One Connect Cable to the One Connect and the TV as shown in Steps 1 to 3 above.
   WARNING: Make sure that both connectors are fully and firmly connected. If either connecter is not connected properly, there is a danger of severe electric shock.
2. Connect the One Connect AC power cord to the One Connect, and then connect the cord to a wall outlet as shown in Step 4 above.
   WARNING: Follow the directions exactly. Be sure to connect the power cord to the wall outlet as the last step. Always disconnect the power cord from the wall outlet before disconnecting the One Connect Cable from the back of the TV or from the One Connect.
   – See the illustrated Quick Setup Guide for more information.
3. Connect your peripherals (cable box, Blu-ray player, etc.) to the One Connect. See the Accessory Kit for details.

- Do not use the One Connect in the upside-down or upright position.
- When connecting the One Connect Cable, pay attention to the shapes and sizes of its connectors so that they are connected correctly. Failure to do so may cause product malfunction.
- When connecting the One Connect Cable, be careful not to twist the cable of the One Connect Cable. Failure to do so may cause performance degradation of the TV or damage to the cable.
- When arranging the remaining cable, refer to the figure on the previous page for the correct arrangement.
- Take care not to subject the cable to any of the actions below. The One Connect Cable contains a power circuit. You could damage the cable and subject yourself to an electric shock.
- Handle the One Connect carefully. It is heavy.


Bending


Twisting

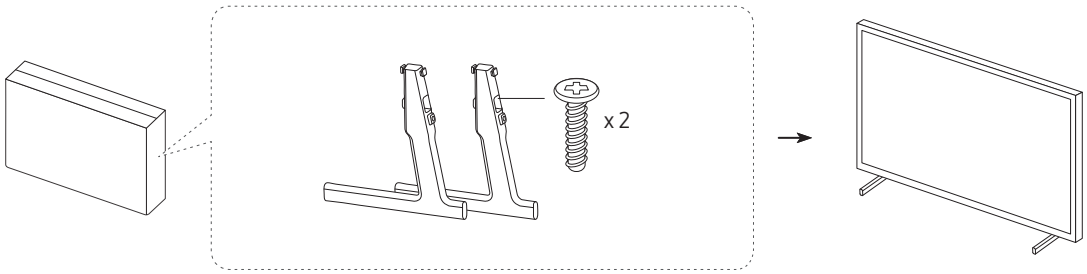

Pulling


Pressing on


Electric shock

03 Assembling the TV

Attaching the TV to the Stand



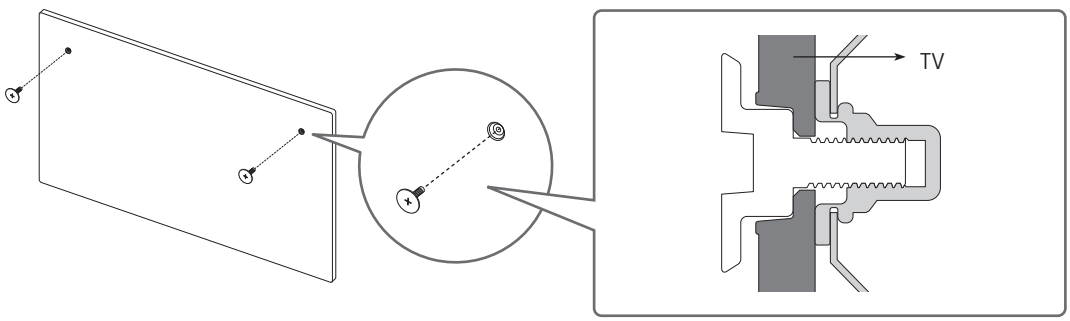
Make sure you have all the accessories shown, and that you assemble the stand following the provided assembly instructions.

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

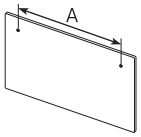
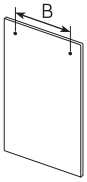
Mounting the TV on a wall

If you mount this TV on a wall, follow the instructions exactly as set out by the manufacturer. Unless it is correctly mounted, the TV may slide or fall and cause serious injury to a child or adult and serious damage to the TV.

- Refer to the installation manual included with the Samsung wall mount kit.



- Samsung is not responsible for any damage to the product or injury to yourself or others if you choose to install the wall mount on your own.
- You can install your wall mount on a solid wall perpendicular to the floor. Before attaching the wall mount to surfaces other than plaster board, contact your nearest dealer for additional information. If you install the TV on a ceiling or slanted wall, it may fall and result in severe personal injury.

Type	TV size in inches	Screw hole specs in millimetres	Screw	Quantity
	32	582.2	 M4	2
		277.5		

Do not install your wall mount kit while your TV is turned on. This may result in personal injury from electric shock.

- Be sure to use only the screws provided with the product. (Otherwise, it may cause damage to the TV or the wall-mounted TV may fall from the wall.)
- Do not fasten the screws too firmly. This may damage the product or cause the product to fall, leading to personal injury. Samsung is not liable for these kinds of accidents.
- Samsung is not liable for product damage or personal injury when a non-specified wall mount is used or when the consumer fails to follow the product installation instructions.

Providing proper ventilation for your TV

When you install your TV and One Connect, maintain a distance of at least 10 cm between the TV and One Connect with other objects (walls, cabinet sides, etc.) to ensure proper 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.

- When you install your TV with a stand or a wall mount, we strongly recommend you use parts provided by Samsung 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.

Safety Precaution: Securing the TV to the wall to prevent falling



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. For added stability and safety, you can purchase and install the anti-fall device as described on the next page.

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:

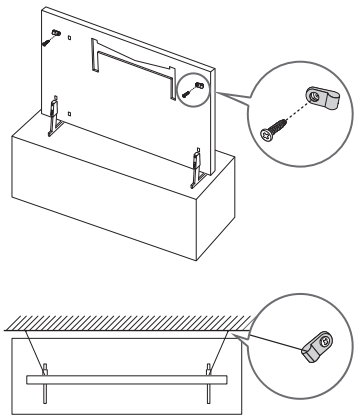
- Always use cabinets or stands or mounting methods recommended by the manufacturer of the television set.
- Always use furniture that can safely support the television set.
- Always ensure the television set is not overhanging the edge of the supporting furniture.
- Always educate children about the 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.

- When installed on a stand, the display of this product is tilted slightly backward and its angle cannot be adjusted.
- If any object is placed on the stand or the floor is tilted, the product may fall over, which causes malfunction or personal injury.

Preventing the TV from falling

1. Using the appropriate screws, firmly fasten a set of brackets to the wall. Confirm that the screws are firmly attached to the wall.
   – You may need additional material such as wall anchors depending on the type of wall.
2. Using the appropriately sized screws, firmly fasten a set of brackets to the TV.
   – For the screw specifications, refer to the Screw part in the table under "Mounting the TV on a wall".
3. Connect the brackets fixed to the TV and the brackets fixed to the wall with a durable, heavy-duty string, and then tie the string tightly.
   – Install the TV near the wall so that it does not fall backwards.
   – Connect the string so that the brackets fixed to the wall are at the same height as or lower than the brackets fixed to the TV.



- The product colour and shape may vary depending on the model.

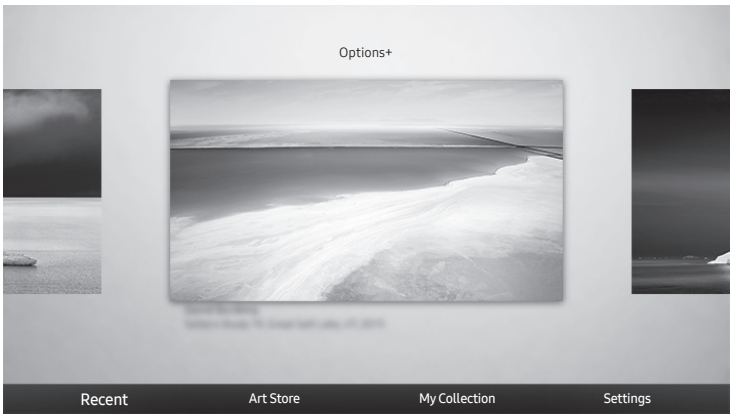
04 Using Art Mode

> Art

You can use Art mode function to display image content such as artworks or photos when you are not watching TV in full screen mode.

- Press the button on the remote control to switch to TV mode or Art mode.
- Press the button in Art mode to switch to TV mode.
- To turn off the TV completely, press and hold the button on the remote control, or press the TV Controller button at the top left of the TV.
  - If you use a remote control other than the Samsung Smart Remote, the TV may not be turned off completely.
- In Art mode, the brightness and colour tone of your TV are automatically adjusted depending on the ambient, and the TV can be automatically turned off.
  - The TV is set by default so that the screen turns off automatically when the ambient light dims in Art mode.
- In Art mode, you can connect your mobile device to the TV using the SmartThings app on the mobile device to view photos on the mobile device.
  - This function may not be supported depending on the TV model or mobile device.
  - Supported features may differ depending on the version of the SmartThings app.

Viewing images



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

To view an image in **Art** mode, select one of the menus below. To switch to the sub menu where you can select images, press the Select button, one of the four directional buttons, or button in **Art** mode. Then, use the directional buttons on the remote control to move to desired image, and then press the Select button. ✓ **Set** appears at the top of the selected image, and you can view the selected image in **Art** mode.

- **Recent**
  You can manipulate the last selected images.
- **Art Store**
  You can go to **Art Store** to purchase various images.
  – The **Art Store** may not appear depending on the network connection status.
- **My Collection**
  You can view a list of artworks and photos that you set as ♥ **Favourite** in **Favourites**. You can also select the desired ones among the images saved on an external storage device or a mobile device and save them in **My Photos**.
  – In order to fetch the images from your mobile device, the SmartThings app must have been installed in your mobile device.

Viewing images by time

1. Use the directional buttons on the remote control to move to **My Collection**.
2. Use the directional buttons to move to **Favourites** or **My Photos**.
   To view the images on the mobile device connected via the USB or SmartThings app, select the desired images on the connected device and then save them into **My Photos**.
3. Use the directional buttons on the remote control to move to **Options+** at the top of the screen.
4. Press the Select button when the **Start Slideshow** item appears.
5. Use the directional buttons on the remote control to select the time that images will be replaced, and then press the Select button.

Import images from an external storage device

1. Connect an external storage device that contains images to the TV.
2. Use the directional buttons on the remote control to move to **My Collection**, and then move to the connected external storage device.
3. Use the directional buttons on the remote control to move to **Save to My Photos** at the top of the screen, and then press the Select button.
4. Use the directional buttons on the remote control to move to an image, and then press the Select button.
   – You can select multiple images.
5. Use the directional buttons on the remote control to move to **Save Selected** at the top of the screen, and then press the Select button.
6. The selected image or images are saved in **My Photos**.

• Recommended resolutions: 1920 x 1080 (16:9)

Buying images from Art Store

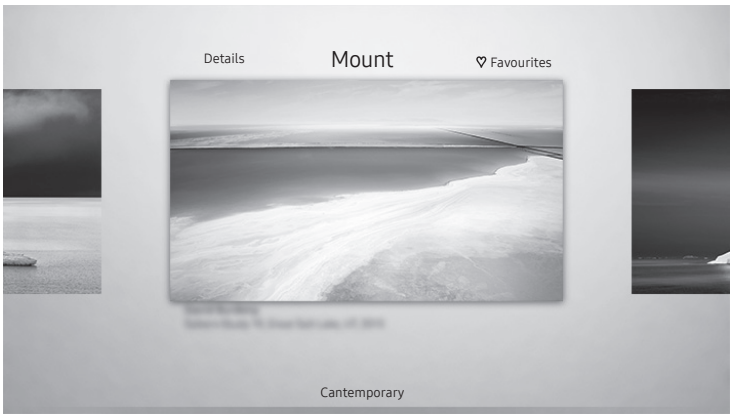
1. Use the directional buttons on the remote control to move to **Art Store**.
2. Use the directional buttons on the remote control to move to a topic, and press the Select button. You can select any subtopics or images on the screen.
   – The entry path may differ by each topic.
3. Use the directional buttons on the remote control to move to an image, and press the Select button.
4. Use the directional buttons on the remote control to move to **Options+** at the top of the screen, and then select **Get Trial Membership** or **Buy** to buy the selected image.
   – Displays **Get Trial Membership** if you have not joined **Art Store Membership**.
5. Use the directional buttons on the remote control to select payment methods, and then press the Select button.
6. Follow the on-screen instructions to procedure payment.

Subscribing to Art Store Membership

When you subscribe to **Art Store Membership**, you can use **Art Store** unlimitedly and enjoy various art works by replacing them with new ones according to your preferences.

1. Use the directional buttons on the remote control to move to **Art Store**.
2. Use the directional buttons on the remote control to move to **Membership**.
3. Follow the on-screen instructions to enter your membership information.

Setting the style of the selected image



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

Use the directional buttons on the remote control to move to **Options+** at the top of the screen. You can use the following menus:

- **Details**
  You can find more information about the image.
- **Photo Filter**
  You can apply the selected filter's effect to the image according to your preferences.
  – This function is only available for saved images on **My Photos**.
- **Mount**
  You can apply various border styles and colours to the image according to your preferences.
  – This function is only available for saved images on **My Photos**.
- **Favourite**
  You can set (or not set) an image that you prefer as a favourite item by pressing the Select button on the remote control. You can view a list of items set as your favourites in **My Collection** > **Favourites**.
  – ♡ **Favourite**: Not set as a favourite.
  – ♥ **Favourite**: Set as a favourite.

Apply a border style and a colour to an image

1. Using the directional buttons on the remote control to move to the image whose border style and colour you want to change, move to **Options+** at the top of the screen, and then select **Mount**.
2. Use the directional buttons on the remote control to select the border style and colour that you want.
3. Change the border style and colour, and then press the Select button to move the focus to the image.
   – If you want to change only either the border style or the colour, change it, and then press the Select button to save the changes.
4. To save the selected border style and colour, press the Select button again.
   – If you press the ⮌ button to exit, the border style and colour you changed are not saved.

Setting up Art mode

In **Art** mode, use the directional buttons on the remote control to move to the **Settings** menu item at the bottom. You can adjust the following functions:

- **Brightness**
  Use the directional buttons on the remote control to move to **Modify** at the top, and then press the Select button. In the next screen, adjust the picture brightness. After selecting the desired settings, press the Select button on the remote control.
  – To immediately set **Brightness** while enjoying **Art** mode, press the ••• button on the remote control.
- **Sleep After**
  The TV turns off automatically after the set time. Use the directional buttons on the remote control to move to the top items. After selecting the desired time, press the Select button on the remote control.
- **Night Mode**
  When this function is turned on, the TV turns off automatically if no light is detected around the TV. Use the directional buttons on the remote control to move to the top items, and then turn this function on or off.

Remove images from My Collection

You can remove the saved images from **My Collection**.

1. Use the directional buttons on the remote control to move to **My Collection**.
2. Use the directional buttons on the remote control to move to **Favourites** or **My Photos**.
3. Use the directional buttons on the remote control to move to **Options+** at the top of the screen.
4. Move the focus to **Remove**, and then press the Select button on the remote control.
5. Use the directional buttons on the remote control to move to an image, and then press the Select button.
   – You can select multiple images.
6. Use the directional buttons on the remote control to move to **Remove Selected** at the top of the screen, and then press the Select button.

Using Art mode with the SmartThings app

Once you have installed the SmartThings app on your mobile device, you can use the following functions:

You can download the SmartThings app from Google Play Store, Samsung Apps, or the App Store.

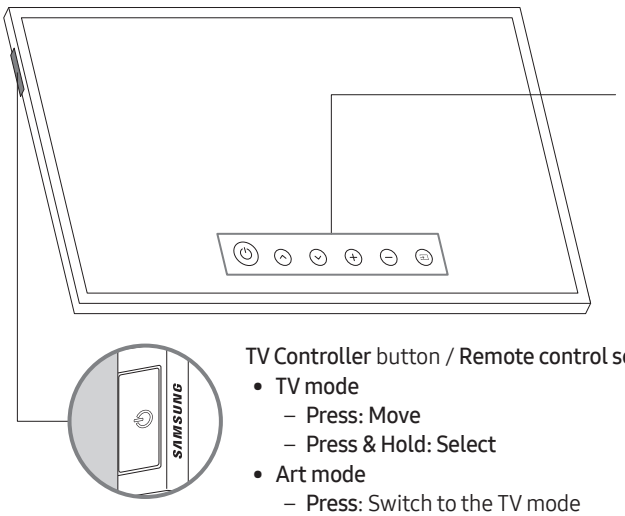
– The features or terminology may vary depending on the version of the SmartThings app.
– On tablet devices, **Art** mode features may not be supported by the SmartThings app.

- Selecting images
- Subscribing to **Art Store Membership**
- Creating Collage: Combine multiple images into one image.
- Applying border styles and colours to images
- Setting the brightness for **Art** mode
- Setting Sleep After: The TV turns off automatically after the set time.
- Setting Night Mode: Set The Frame to turn off automatically if no light is detected in the room.

05 The TV Control Stick

Using the TV Controller

You can turn on the TV with the **TV Controller** button at the top left of the TV, and then use the **Control menu**. The **Control menu** appears when the **TV Controller** button is pressed while the TV is On. For more information about its usage, refer to the figure below.



TV Controller button / **Remote control sensor**

- **TV mode**
  - **Press: Move**
  - **Press & Hold: Select**
- **Art mode**
  - **Press**: Switch to the TV mode

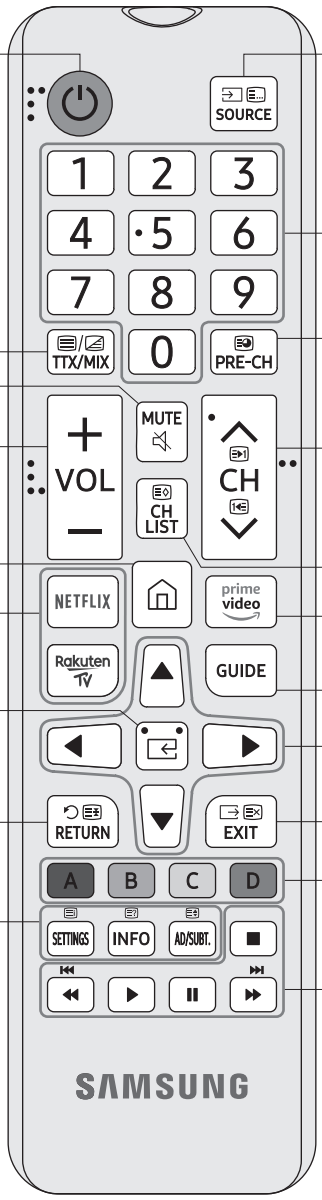
The **TV Controller** button is located on the top left of the TV.

- In **Art** mode, the power indicator at the top left of the TV remains off.

06 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.



(Power)
Turns the TV on and off.

Alternately selects Teletext mode, **Full TTX** / **Double TTX** / **Mix** / **Live TV**.

Turns the sound on/off.

Adjusts the volume.

(Smart Hub)
Launches **Home Screen**.

Press each button to run its function.

(Select)
Selects or runs a focused item.

Returns to the previous menu or channel.

SETTINGS
Displays the main on-screen menu.

INFO
Displays information about the current programme or content.

AD/SUBT.
Displays the **Accessibility Shortcuts**.

Displays and selects available video sources.

Gives direct access to channels.

Returns to the previous channel.

Changes the current channel.

Launches the **Channel List**.

Press each button to run its function.

Displays the **Guide** screen.

Moves the cursor, selects the on-screen menu items, and changes the values seen on the TV's menu.

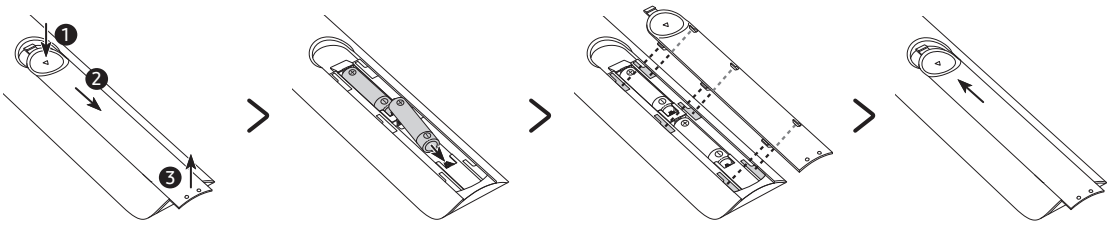
Exits the menu.

Use these buttons according to the directions on the TV screen.

Use these buttons with specific features. Use these buttons according to the directions on the TV screen.

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

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



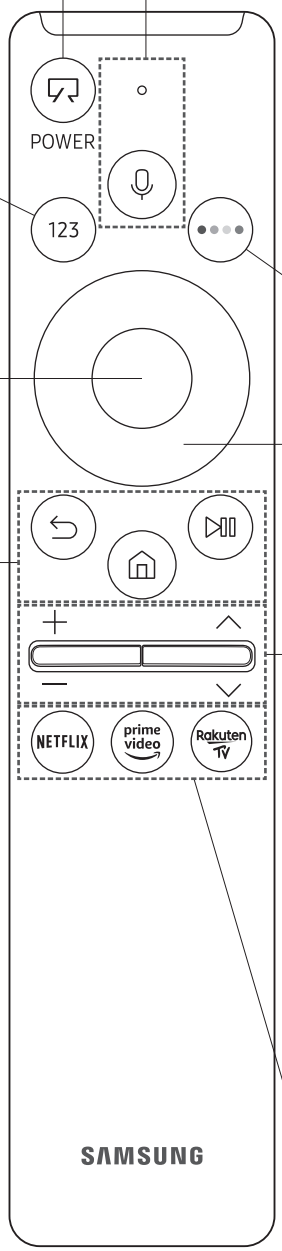
- The colour and shape of the remote may vary depending on the model.
- Use the remote control within 7 m of the TV.
- Bright lights may affect the performance of the remote control. Avoid using the remote control near special fluorescent lights or neon signs.
- Alkaline batteries are recommended for 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.

07 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.



(Power)

When watching TV, press to switch to **Art** mode. In **Art** mode, press to switch to watching TV.

- Press and hold to turn off the TV completely.

(Number button)

When pressed, a number strip appears on the bottom of the screen. Select numbers and then select **Done** to enter a numeric value. Use to change the channel, enter a PIN, enter a ZIP code, etc.

- When pressed for1 second or more, the TTX menu appears.

Select

Selects or runs a focused item. When pressed while you are watching a broadcast programme, detailed programme information appears.

(Return)

Returns to the previous menu. When pressed for1 second or more, the running function is terminated. When pressed while you are watching a programme, the previous channel appears.

(Play/pause)

When pressed, the playback controls appear. Using these controls, you can control the media content that is playing.

(Smart Hub)

Returns to the Home Screen.

- Press in **Art** mode to switch to TV mode.

(Voice Assistant)

Runs Voice Assistant. Press and hold the button, say a command, and then release the button to run Voice Assistant.

- The supported Voice Assistant's languages and features may differ by geographical region.

(Colour button)

Use these coloured buttons to access additional options specific to the feature you are using.

- To immediately set **Brightness** while enjoying **Art** mode, press the button.

Directional button (up/down/left/right)

Moves the focus and changes the values seen on the TV's menu.

+/— (Volume)

Move the button up or down to adjust the volume. To mute the sound, press the button. When pressed for1 second or more, the **Accessibility Shortcuts** menu appears.

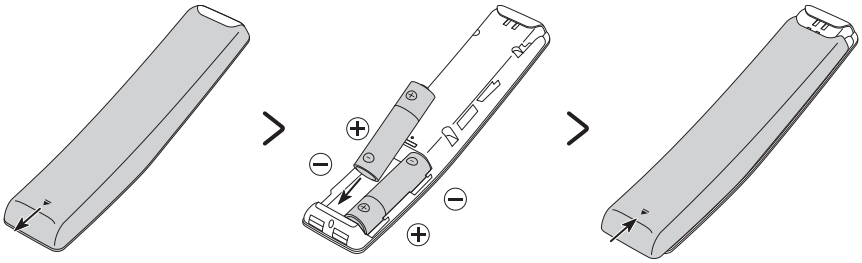
∧/∨ (Channel)

Move the button up or down to change the channel. To see the **Guide** screen, press the button.

- When pressed for1 second or more, the **Channel List** screen appears.

Press each button to run its function.

Installing batteries into the Samsung Smart Remote



To install the batteries, 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

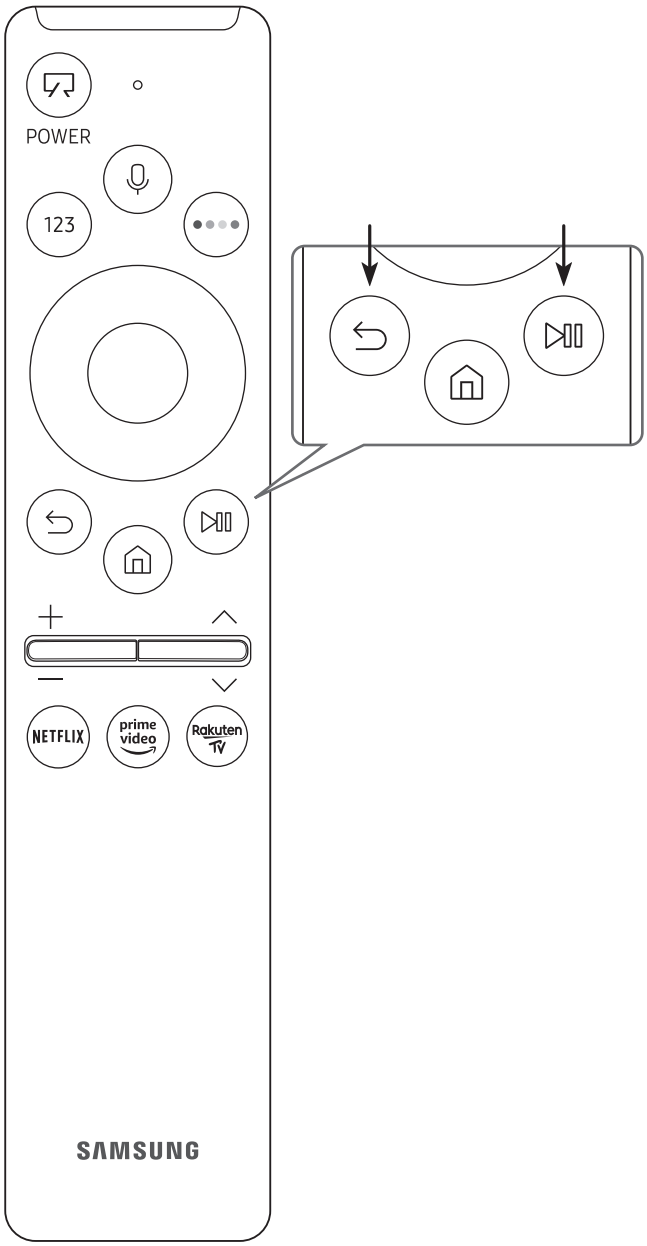
When you start the TV for the first time by pressing the (**Power**) button on the Samsung Smart Remote, the TV automatically pairs with the Samsung Smart Remote. Once the TV and Samsung Smart Remote have paired, you can use the Samsung Smart Remote to operate the TV.

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.



08 Performing the initial setup

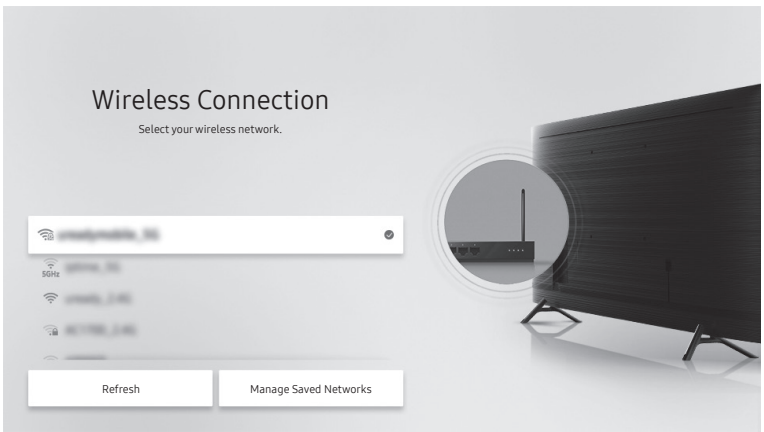
- The initial setup differs from model to model.
- Turn on the TV using the or button on the remote control or TV controller.
- Noise may occur temporarily when the TV communicates with mobile devices.
- The SmartThings app is available for mobile devices running Android 6.0 or higher or iOS 10 or higher.
- 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 in the SmartThings app on your mobile device, continue setup manually after adding the TV using **Add Device** on the dashboard of the SmartThings app.

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.

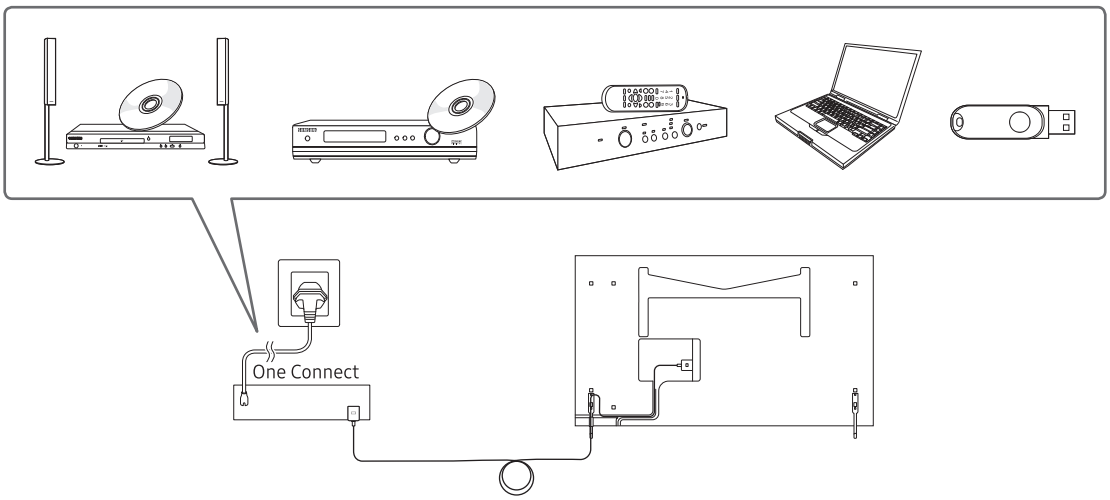


  - The image on your TV may differ from the image above depending on the model and geographical area.

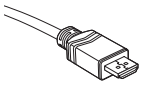
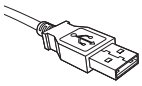
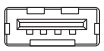
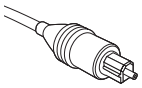
- If you connect any external device to HDMI IN (STB) before starting initial setup, the source of your live TV signal is set to **STB**. After finishing with this process, you will not be able to scan all channels and stores them in the TV’s memory.
- If you want to connect aerial cable to your TV,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

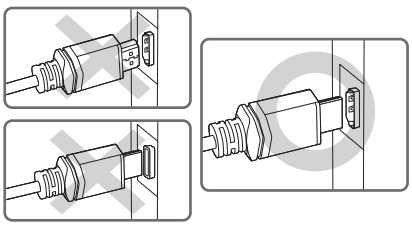
09 Connections

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		
USB		
Optical		



Warning

Do not plug cables in upside down. Be sure to check the orientation of the plug before plugging it in.

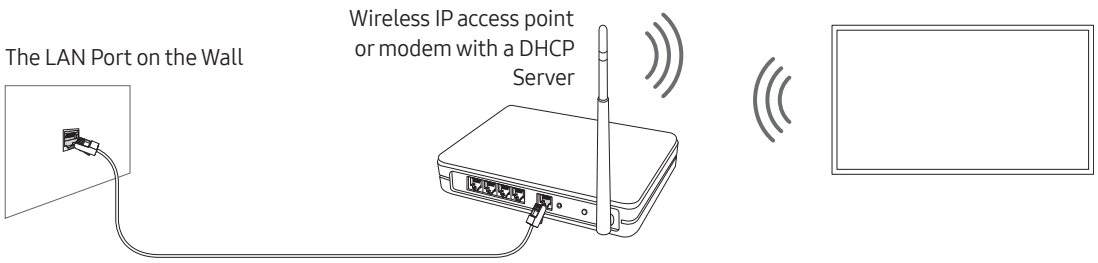
Connecting to the Internet

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.



LAN Cable (Not Supplied)

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.
   - **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

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 One Connect and the wall outlet.
- Make sure that the wall outlet is working and the remote control sensor at the top left of the TV is lit and glowing a solid red.
- Try pressing the **TV Controller** button at the top left of the TV 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 top left 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.

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.

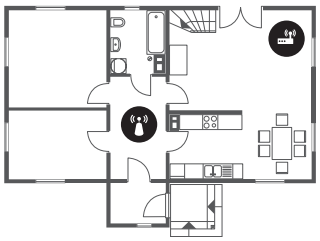
The TV settings are lost after 5 minutes.

- 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.)

Single story



Multi story



Wireless access point

Wireless repeater

- 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**.

Precautions when using Art mode

- The performance of the sensor may vary depending on the TV installation and operating environment.
  - The screen brightness and colour tone may be affected depending on the colour of the floor on which the TV stands.
  - If the area around the TV is too dark or bright, the screen brightness may be limited or the sensor may not work normally.
  - If the TV is installed too high or too low, the sensor may not work normally.
- Depending on the **Auto Power Off** (> Settings > **General** > **Eco Solution** > **Auto Power Off**) function settings, the TV may turn off when there is no user input in **Art** mode, such as inputs from the remote control.
- > Settings > **General** > **System Manager** > **Time** > **Sleep Timer** and **Off Timer** function does not work in **Art** mode.
- > Settings > **General** > **System Manager** > **Auto Protection Time** function does not work in **Art** mode.

What is Remote Support?

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

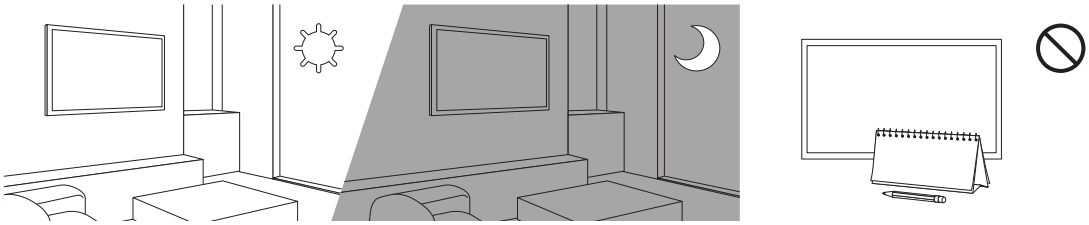
- Diagnose your TV
- Adjust the TV settings for you
- Perform a factory reset on your TV
- Install recommended firmware updates

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.

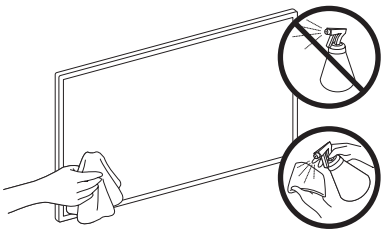
Eco Sensor and screen brightness



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 top left 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	QE32LS03T
Display Resolution	1920 x 1080
Screen Size Measured Diagonally	32 inches 80 cm
Sound (Output)	20 W
Dimensions (W x H x D) Body With Stand	 728.9 x 419.4 x 24.7 mm 728.9 x 452.0 x 143.0 mm
Weight Without Stand With Stand	 5.3 kg 5.4 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.
- This device is a Class B digital apparatus.
- 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 bottom of the One Connect.
- 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.)

Following the repair by a non-authorised service provider, self-repair or non-professional repair of the product, Samsung is not liable for any damage to the product, any injury or any other product safety issue caused by any attempt to repair the product which does not carefully follow these repair and maintenance instructions. Any damage to the product caused by an attempt to repair the product by any person other than a Samsung certified service provider will not be covered by the warranty.
Please visit samsung.com/support to find futher information about external power adapter and remote control associated with EU Ecodesign directive - ErP regulation

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 cord 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.

Hereby, Samsung declares that this radio equipment is in compliance with Directive 2014/53/EU and the relevant UK statutory requirements.
The full text of the 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 and in the UK.
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

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

EIRE: Tel. 0818 717100
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-imbursement 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-imbursement 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.

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SAMSUNG



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	www.samsung.com/ie/support
UK	0333 000 0333	www.samsung.com/uk/support

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