Thank you for purchasing this Samsung product.
To receive more complete service, please register your product at www.samsung.com/register
Model________Serial No.__________
## Warning! Important Safety Instructions

*(Please read the Safety Instructions before using your TV.)*

<table>
<thead>
<tr>
<th>CAUTION</th>
<th>Class II product: This symbol indicates that it does not require a safety connection to electrical earth (ground).</th>
</tr>
</thead>
<tbody>
<tr>
<td>RISK OF ELECTRIC SHOCK DO NOT OPEN</td>
<td>AC voltage: This symbol indicates that the rated voltage marked with the symbol is AC voltage.</td>
</tr>
<tr>
<td></td>
<td>DC voltage: This symbol indicates that the rated voltage marked with the symbol is DC voltage.</td>
</tr>
</tbody>
</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.

To protect this apparatus from a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the set due to lightning and power line surges.

To avoid electric shock, never touch the inside of this apparatus. Only a qualified technician should open this apparatus.

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 the point where they exit from the appliance.

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 product.

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.

Do not expose this apparatus to dripping or splashing. Do not place batteries in a fire.

Be sure to pull the power plug out of the outlet if the TV is to remain unused or if you are to leave the house for an extended period of time and contact an authorised dealer or service centre.

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 a service centre.

If this apparatus is damaged, disconnect the power cord and contact a service centre. To turn off this apparatus completely, disconnect it from the wall outlet. Be sure to have the wall outlet and power plug readily accessible.

Do not place this apparatus in a confined space, such as a bookcase or built-in cabinet, unless proper ventilation is provided.

Do not expose this apparatus to dripping or splashing.

Do not drop or strike the product. If the product is damaged, disconnect the power cord and contact a 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.

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Do not expose this apparatus to dripping or splashing.

Do not short-circuit, disassemble, or overheat the batteries.

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.
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.

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

Voice Interaction
Access and control menu options and functions using voice commands.

- Refer to the e-Manual chapter, Smart Features > Using Voice Interaction.
Contents

01 What's in the Box?
02 Assembling the TV
   6 Attaching the TV to the Stand
   6 Mounting the TV on a Wall (Optional)
   8 Providing proper ventilation for your TV
   8 Arranging the cables with the cable guide
   8 Covering the ports with the Cover Terminal
   9 Safety Precaution: Securing the TV to the wall

03 Connections
   10 Connecting devices to your TV
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04 The TV Controller
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09 Specifications and other information
   25 TV Specifications
   26 Licences
   29 Warranty Card

* 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, Kazakh) are not available for this product, since this is manufactured for customers in the EU region.
01 What's in the Box?

Please 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)
- Regulatory Guide / Warranty Card
- User Manual
- One Connect
- One Connect Cable
- Power Cord
- Wall mount Adapter
- Cable Guide
- Cleaning cloth
- Cover Terminal

- 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 if either
(a) an engineer is called out at your request and there is no defect with the product (i.e. where the user manual has not been read).
(b) you bring the unit to a repair centre and there is no defect with the product (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.

Mounting the TV on a Wall (Optional)

If you mount this product on a wall, follow the instructions exactly as recommended by the manufacturer. Unless it is correctly mounted, the product may slide or fall, thus causing serious injury to a child or adult and serious damage to the product.
VESA wall mount kit notes and specifications

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.

- Standard dimensions for wall mount kits are shown in the table below.
- When purchasing our wall mount kit, a detailed installation manual and all parts necessary for assembly are provided.
- Do not use screws that do not comply with the VESA standard screw specifications.
- Do not use screws that are longer than the standard length or do not comply with VESA standard screw specifications. Screws that are too long may cause damage to the inside of the TV set.
- For wall mounts that do not comply with the VESA standard screw specifications, the length of the screws may differ depending on the wall mount specifications.
- 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-VESA or non-specified wall mount is used or the consumer fails to follow the product installation instructions.
- Do not mount the TV at more than a 15 degree tilt.

When using a third-party wall mount, note that the assembling screw length(C) is shown below.

<table>
<thead>
<tr>
<th>Product Family</th>
<th>Inches</th>
<th>VESA Spec. (A * B)</th>
<th>C (mm)</th>
<th>Standard Screw</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>UHD-TV</td>
<td>49~75</td>
<td>400 x 400</td>
<td>11</td>
<td>M8</td>
<td>4</td>
</tr>
</tbody>
</table>

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

When you install your TV, maintain a distance of at least 10 cm between the TV and 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 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.

Arranging the cables with the cable guide

Covering the ports with the Cover Terminal

- Before covering the ports with the cover terminal, tidy up the cables on the TV.
Safety Precaution: Securing the TV to the wall

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 below.

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

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

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

Preventing the TV from falling

1. Put the screws into one set of brackets, and then firmly fasten them 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. Put the screws into a second set of brackets, and then fasten the screws to the TV.
   - These screws may not be supplied with the TV. For a 49~75 inch model, purchase M8 screws.

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.
03 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 "Connections."

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

<table>
<thead>
<tr>
<th>Cable Plugs</th>
<th>Ports</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDMI</td>
<td>![HDMI Illustration]</td>
</tr>
<tr>
<td>USB</td>
<td>![USB Illustration]</td>
</tr>
<tr>
<td>Optical</td>
<td>![Optical Illustration]</td>
</tr>
</tbody>
</table>

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, "Smart Features > Smart Hub."
- The shape of the rear panel differs among the models.

Network Connection - Wireless

Connect the TV to the Internet using a standard router or modem.

Network Connection - Wired

There are three main ways to connect your TV to your network using cable, depending on your network setup. They are illustrated starting below:

- The TV does not support network speeds less than or equal to 10Mbps.
- Use Cat7 (*STP Type) cable for the connection.
  * Shielded Twist Pair
Connecting to a COMMON INTERFACE slot
(Your TV viewing Card Slot)

- Turn the TV off to connect or disconnect a CI card.
- 2 CI card slots are available, depending on the model.

Using the “CI or CI+ CARD”

To watch paid channels, the “CI or CI+ CARD” must be inserted.

- If you don’t insert the “CI or CI+ CARD”, some channels will display the “Scrambled Signal” message.
- Samsung TV follow up CI+ 1.3 standard. When TV product display the "Scrambled Signal", it may happen due to CI+1.3 Version inconsistency. If you have a problem, please contact Samsung Call Centre.
- The pairing information containing a telephone number, the “CI or CI+ CARD” ID, the Host ID, and other information will be displayed in about 2~3 minutes. If an error message is displayed, please contact your service provider.
- When the configuration of channel information has finished, the message “Updating Completed” is displayed, indicating the channel list is updated.
04 The TV Controller

Using the TV Controller

- The product colour and shape may vary depending on the model.
- You can turn on the TV with the TV controller button at the bottom of the TV, and then use the Control Menu. The Control Menu appears when the button is pressed while the TV is On. For more information about its usage, refer to the figure below.

![Control Menu Diagram]

- Press: Move
- Press & Hold: Select
- The TV controller is placed at the bottom of the TV.
The Standard Remote Control

Learn where the function buttons are on your remote, such as: SOURCE, MUTE, → VOL+, ✓ CH, CH LIST, RETURN, GUIDE and EXIT.

- This remote control has Braille points on the Power, Channel, Volume, and Enter buttons and can be used by visually impaired persons.
- Your TV also comes with a Samsung Smart Remote. For information about the Samsung Smart Remote, refer to page 15.

- (Power): Turns the TV on and off.
- SOURCE: Displays and selects available video sources.

Number: Gives direct access to channels.
- TTX/MIX: Alternately selects Teletext ON, Double, Mix or OFF.
- PRE-CH: Returns to the previous channel.

- → VOL+: Adjusts the volume.
- MUTE: Turns the sound on/off.
- ✓ CH: Changes the current channel.
- CH LIST: Launches the Channel List.
- SPORTS: Turns the Sports Mode on or off.
- (Smart Hub): Launches Home Screen.
- GUIDE: Displays the Electronic Programme Guide (EPG).

- EXTRA: Displays related information about the current programme.
- INFO: Displays information about the current programme or content.
- (Enter): Selects or runs a focused item.
- ▲ ▼ ◄ ►: Moves the cursor, selects the on-screen menu items, and changes the values seen on the TV’s menu.
- RETURN: Returns to the previous menu or channel.
- EXIT: Exits the menu.

A, B, C, D: Use these buttons according to the directions on the TV screen.

- SETTINGS: Sets the Quick Settings the menu on the Settings of the home screen.
- AD/SUBT.: Displays the Accessibility Shortcuts.
- REC: Records whatever you are currently watching.
- ■: Stops playing content.
- ◄ ► || : Use these buttons with specific features. Use these buttons according to the directions on the TV screen.

- The button names above may be differ from the actual names.
The Samsung Smart Remote

- Colours and shape may vary depending on the model.
- For more information about Samsung Smart Remote, see the e-Manual chapter, "Remote Control and Peripherals > About the Samsung Smart Remote."

 ø (Power): Press to turn the TV on or off.

 ø (Voice recognition): Runs Voice Interaction. Press the button, say a voice command, and then release the button to run Voice Interaction. When pressed once, the guide to Voice Interaction appears.

 123 (Number pad): When pressed, a number strip appears on 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 for 1 second or more, the TTX menu appears.

 EXTRA (extra): While watching content, press to display extra information from the content provider.

 4 colour buttons (colour): Use these coloured buttons to access additional options specific to the feature in use.

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

 Select: Selects or runs a focused item. When pressed while you are watching content, detailed programme information appears. When pressed again, you can select or run any of the functions displayed.

 ø (Return): Returns to the previous menu. When pressed for 1 second or more, the running function is terminated. When pressed while you are watching a programme, the previous channel appears.

 ø (Play/pause): When pressed, the playback controls appear. Using these controls, you can control the media content that is playing.

 ø (Smart hub): Returns to the Home Screen.

 VOL (Volume): Move the button up or down to adjust the volume.

 To mute the sound, press the button. When pressed for 1 second or more, the Accessibility Shortcuts menu appears.

 CH (Channel): Move the button up or down to change the channel. To see the Guide screen, press the button.

  – When pressed for 1 second or more, the Channel List screen appears.
Installing batteries into the remote control (Battery size: AAA)

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

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 so that the cover is completely attached to the remote control.

Installing batteries into the Samsung Smart Remote

To use the Samsung Smart Remote, push the rear cover open in the direction of the arrow and insert the batteries as shown in the figure. Make sure that the positive and negative ends are facing the correct direction.

- 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 6m. 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, then press the \( \text{REW} \) and \( \text{PLAY} \) buttons on the Samsung Smart Remote simultaneously for 3 seconds or more.

- The Samsung Smart Remote can only be paired to one TV at a time.
Controlling External Devices with the TV Remote - Using the Universal Remote

Source > Universal remote setup
You can control external devices connected to the TV by using the remote control. For this purpose, register external devices by following the instructions on the screen.

– You can also use the Anynet+ (HDMI-CEC) function to operate external Samsung devices with your TV’s remote control without any additional setup. For more information about Anynet+ (HDMI-CEC), see the e-Manual.

– Certain external devices connected to the TV may not support the universal remote feature.

– If the external device does not respond after being registered, register it again using its model number.

– The TV memorises both the external device and its connection port (HDMI 1, HDMI 2, etc.).

05 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.

Initial setup

The initial setup dialogue box appears when the TV is first activated. Follow the on-screen instructions to finish the initial setup process such as selecting the menu language, scanning channels, connecting to the network, and more. During each step, either make a choice or skip the step. You can manually perform this process at a later time in the Settings > System > Start Setup menu.

– 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.
06 Selecting Connected Devices

Changing the input signal

Source
If you select any of the connected external devices from the screen, you can see the screen of the selected device.
- For more information about selecting connected devices, see the e-Manual chapter "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. Then the following functions can be used. Note that available functions may differ with the port type.
   - Edit: Can change the port name of an external device to an actual usage for easy identification.
   - Add to Home: Can add the port of an external device in Home Screen for quick switching.

Using additional functions
You can use the following functions in the Source screen.
- Guide to device connection (Connection Guide)
- Registration of external devices in Samsung Smart Remote (Universal remote setup)
07 The e-Manual

The embedded e-Manual contains information about the key features of your TV.
- You can download and view a printable version of the e-Manual on the Samsung website.

Displaying the e-Manual:

Using the buttons in the e-Manual

<table>
<thead>
<tr>
<th>Button</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🔍 Search</td>
<td>Select an item from the search results to load the corresponding page.</td>
</tr>
<tr>
<td>A-Z Index</td>
<td>Select a keyword to navigate to the relevant page.</td>
</tr>
<tr>
<td>⏳ Recent pages</td>
<td>Select a topic from the list of recently viewed topics.</td>
</tr>
<tr>
<td>🔄 Try Now</td>
<td>Allows you to access the corresponding menu item and try out the feature right away.</td>
</tr>
<tr>
<td>🔗 Link</td>
<td>Allows you to access the corresponding reference page.</td>
</tr>
</tbody>
</table>
08 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 Section in the e-Manual. If none of these troubleshooting tips apply, please visit “www.samsung.com” and click on Support, or contact the call 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 Settings > Support > Software Update > Auto Update).

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 power indicator on the TV is lit and glowing a solid red.
- Try pressing the Power button on the TV to make sure that the problem is not with the remote control. If the TV turns on, refer to “Remote control does not work” on the next page.

There is no picture/video/sound or distorted picture/video/sound from an external device or “Weak or No Signal” displayed on TV or cannot find 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 > Self Diagnosis > Start Picture Test or Start 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 the TV is not connected to a cable or satellite box, run Auto Tuning to search for channels (Settings > Broadcasting > Auto Tuning).
The remote control does not work.
- Check if the power indicator on the TV blinks when you press the remote's On 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 Remote Control (Bluetooth Remote), make sure to pair the remote to the TV. (Please refer to the e-Manual.)

The cable or satellite box remote control doesn’t turn the TV on or off or adjust the volume.
- Programme the cable or satellite box remote control to operate the TV. Refer to the cable 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 to Home Mode. (Settings > System > Expert Settings > Usage Mode > Home Mode).

Intermittent Wi-Fi
- Make sure the TV has a network connection (Settings > Network > Network Status).
- Make sure the Wifi password is entered correctly.
- Check the distance between the TV and the Modem/Router. The distance should not exceed 50 ft (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/Router.
  (The Wi-Fi strength can be decreased by appliances, cordless phones, stone walls/fireplaces, etc.)

![Single story](image1.png)
![Multi story](image2.png)

- Contact your ISP and ask them to reset your network circuit to re-register the Mac addresses of your new Modem/Router and the TV.
Video App problems (Youtube etc)

- Change the DNS to 8.8.8.8. Select \( \text{Settings} \rightarrow \text{Network} \rightarrow \text{Network Status} \rightarrow \text{IP Settings} \rightarrow \text{DNS setting} \) > Enter manually > DNS Server > enter 8.8.8.8 > OK.
- Reset by selecting \( \text{Settings} \rightarrow \text{Support} \rightarrow \text{Self Diagnosis} \rightarrow \text{Reset Smart Hub} \).

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 have a Samsung Tech service your TV remotely:
1. Call the Samsung Contact Centre and ask for remote support.
2. Open the menu on your TV and go to the Support section.
3. Select Remote Management, then read and agree to the service agreements. When the PIN screen appears, provide the PIN number to the agent.
4. The agent 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 > System > Eco Solution > Eco Sensor.

- If the screen is too dark while you are watching TV in a dark environment, it may be due to the Eco Sensor.
- 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.
- 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 moisture with a dry cloth. While cleaning, do not apply strong force on the surface because it may cause damage to the panel. Never use flammable liquids (benzene, thinner, etc.) or a cleaning agent. For stubborn smudges, spray a small amount of screen cleaner on the cloth.
# Specifications and other information

## TV Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>UE49KS8000</th>
<th>UE55KS8000</th>
<th>UE65KS8000</th>
<th>UE75KS8000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display Resolution (pixel)</td>
<td>3840 x 2160</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Environmental Considerations</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>50°F to 104°F (10°C to 40°C)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating Humidity</td>
<td>10% to 80%, non-condensing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-4°F to 113°F (-20°C to 45°C)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Storage Humidity</td>
<td>5% to 95%, non-condensing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stand Swivel (Left / Right)</td>
<td>0°</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Model Name</td>
<td>UE49KS8000</td>
<td>UE55KS8000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Screen Size (Diagonal)</td>
<td>49 inches (123 cm)</td>
<td>55 inches (138 cm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sound (Output)</td>
<td>60 W</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimensions (W x H x D)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Body</td>
<td>1094.2 x 635.8 x 42.5 mm</td>
<td>1230.9 x 712.3 x 40.8±3.0 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>With stand</td>
<td>1094.2 x 718.5 x 354.2 mm</td>
<td>1230.9 x 799.5 x 376.2±3.0 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Without Stand</td>
<td>15.0 kg</td>
<td>17.7 kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>With Stand</td>
<td>17.1 kg</td>
<td>19.9 kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Model Name</td>
<td>UE65KS8000</td>
<td>UE75KS8000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Screen Size (Diagonal)</td>
<td>65 inches (163 cm)</td>
<td>75 inches (189 cm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sound (Output)</td>
<td>60 W</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimensions (W x H x D)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Body</td>
<td>1448.9 x 835.8 x 40.8 mm</td>
<td>1682.8 x 970.7 x 49.9 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>With stand</td>
<td>1448.9 x 929.9 x 414.1 mm</td>
<td>1682.8 x 1071.1 x 438.9 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Without Stand</td>
<td>26.6 kg</td>
<td>41.7 kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>With Stand</td>
<td>28.8 kg</td>
<td>46.0 kg</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- The design and specifications are subject to change without prior notice.
- For information about the power supply, and about power consumption, refer to the label attached to the product.
- Typical power consumption is measured according to IEC 62087.

English - 25
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.

Still image warning
Avoid displaying still images (such as jpeg picture files), still image elements (such as TV channel logos, stock or news bars at the bottom of the screen etc.), or programmes in panorama or 4:3 image format. Constantly displaying still pictures can cause image burn-in on the LED screen, which will affect the image quality. To reduce risk of this occurring please follow the recommendations below:
• Avoid displaying the still image for long periods.
• Always try to display any image in full screen. Use the TV set’s picture format menu for the best possible match.
• Reduce brightness and contrast to avoid the appearance of after-images.
• Use all TV features designed to reduce image retention and screen burn. Refer to the e-Manual for more details.
Recommendation - EU Only

The official Declaration of Conformity may be found at http://www.samsung.com, go to Support > Search Product Support and enter the model name.

This equipment may only be used indoors.

This equipment may be operated in all EU countries.

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.

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

WARNING - TO PREVENT THE SPREAD OF FIRE, KEEP CANDLES OR OTHER ITEMS WITH OPEN FLAMES AWAY FROM THIS PRODUCT AT ALL TIMES.
- **WARNINGS**: Image retention, commonly known as screen burn-in, can occur on most types of television if the same image is displayed continuously. The most common causes of image retention are logos that remain stationary on the TV screen. These logos are common on many programmes received via a Set-top Box. To reduce this risk, avoid displaying still images for long durations and lower the brightness or contrast settings to decrease the intensity of the picture. Extended viewing of movies and programmes in aspect ratios that are different from the aspect ratio of the TV may cause image retention. Always try to avoid black borders at the top or bottom by using the zoom function. This will help eliminate the black borders and fit the picture to the entire area of the screen. Using a video game console may cause image retention and is not recommended. When using a PC input, avoid displaying still images for long durations and reduce the brightness or contrast settings to decrease the intensity of the picture.

- **IMPORTANT**: Image retention issues are not covered by your Samsung® warranty.
Warranty Card

This Samsung product is warranted for a 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 other EC Countries 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

Tel : 0330 SAMSUNG (7267864)
www.samsung.com/uk/support

United Kingdom

Republic of Ireland (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.

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.

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.
   e) Spillage of food or liquid or use of any other hazardous substances, which may effect the product.
   f) 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 records, compact discs, videos or audio taper 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.
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Contact SAMSUNG WORLD WIDE
If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care centre.

<table>
<thead>
<tr>
<th>Country</th>
<th>Customer Care Centre</th>
<th>Web Site</th>
</tr>
</thead>
<tbody>
<tr>
<td>EIRE</td>
<td>0818 717100</td>
<td><a href="http://www.samsung.com/ie/support">www.samsung.com/ie/support</a></td>
</tr>
<tr>
<td>UK</td>
<td>0330 SAMSUNG (7267864)</td>
<td><a href="http://www.samsung.com/uk/support">www.samsung.com/uk/support</a></td>
</tr>
</tbody>
</table>