Contact SAMSUNG WORLDWIDE
If you have any questions or comments about your Samsung TV, please contact the SAMSUNG customer care center.

<table>
<thead>
<tr>
<th>Country</th>
<th>Customer Care Center</th>
<th>Web Site</th>
<th>Address</th>
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</thead>
</table>

Thank you for purchasing this Samsung product.
To receive more complete service, please register your product at www.samsung.com/register
Model ___________ Serial No. ___________

If you have any questions, please call us at 1-800-SAMSUNG (1-800-726-7864) for assistance.
Important Safety Instructions

WARNING - TO PREVENT THE RISK OF FIRE, ELECTRIC SHOCK OR PRODUCT DAMAGE, DO NOT EXPOSE THIS TV TO RAIN, MOISTURE, DIPPING OR SPILLING AND DO NOT PLACE OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, ON OR ABOVE THIS TV.

Important Safety Instructions

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.

If this apparatus does not operate normally - in particular, if there are any unusual sounds or smells coming from it - unplug it immediately.

Make sure to plug the power cord in until it is firmly seated. When unplugging the power cord from a wall outlet, always pull on the power plug. Never unplug by pulling on the power cord. Do not touch the power cord with wet hands.

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

Never insert anything metallic into the open parts of this apparatus. Doing so may create a danger of electric shock.

Before connecting the AC power cord to the DC adaptor outlet, make sure the voltage designation of the DC adaptor corresponds to the local electrical supply.

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.

Do not overload wall outlets, extension cords or adaptors beyond their capacity, since this can result in fire or electric shock.

This apparatus uses batteries. In your community, there might be environmental regulations that require you to dispose of these batteries properly.

The slots and openings in the cabinet and the back or bottom of the unit are provided for necessary ventilation. To ensure reliable operation of this unit and to protect it from overheating, these slots and openings must not be blocked or covered.

Be sure to contact an authorized service center for information if you intend to install your TV in a location with heavy dust, high or low temperatures, high humidity, or chemical substances, or where it will operate 24 hours a day such as in an airport, a train station, etc. Failing to do so may lead to serious damage of your TV.

CAUTION - TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER ALL SERVICING TO QUALIFIED PERSONNEL.

The 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 using a soft, dry cloth. Do not use any chemicals such as wax, benzene, alcohol, thinners, insecticide, air fresheners, lubricants, or detergent. These chemicals can damage the appearance of the TV or erase the printing on the product.

Do not use aerosol, detergent, or chemical sprays on this apparatus.

To turn this apparatus off completely, you must disconnect it from the wall outlet. Consequently, the wall outlet and power plug must be readily accessible at all times.

Important: Do not remove the back cover of this apparatus, as this may cause a fire or electric shock.

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

Do not dispose of batteries in fire.

Do not expose this apparatus to dripping or splashing.

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.

An improper ground may cause electric shock or equipment damage. (Class I Equipment only.)

If water or any foreign substance enters the apparatus, unplug it and contact an authorized dealer or service center.

Never pull on the antenna connector or plug to disconnect the antenna or TV cord. To disconnect, grasp and pull the plug itself. Vehicular motion or excessive force may damage the connector or plug.

If you use a remote control, keep the batteries away from children. Do not swallow batteries. Taking batteries apart or placing batteries in reverse orientation may cause batteries to leak. If leaking batteries come in contact with skin or clothes, flush with water immediately. If batteries are left unattended, they could leak and cause damage to nearby objects. Battery leakage may damage the remote control.

Power cord(s) are designed for use with this apparatus. Using power cord(s) for other appliances may result in fire or electric shock.

The television is aconcealed product. The appearance of the television is only for demonstration of the TV's remote functionality. The actual appearance of the television is different.

Warning! Important Safety Instructions

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER ALL SERVICING TO QUALIFIED PERSONNEL.

DANGEROUS VOLTAGE" is present inside. It is dangerous to make any kind of contact with any inside part of this apparatus.
Features of your new TV

SMART HUB:
This TV features Smart Hub, a multi-purpose entertainment and family center. With Smart Hub, you can surf the web, download applications, and stay in touch with family and friends through social networking services.

To use the Smart Interaction feature, connect the SMART TV camera (sold separately) using motions. Using this function, you can access and control menu options and functions without a separate external device.

Press to launch Smart Hub. Choose a service using the icons displayed in the top part of the screen.

- Device Manager: Use the TV features with a USB keyboard and mouse.
- e-Manual: Provides a detailed, on-screen user's manual built into your TV.
- Anynet+(HDMI-CEC): This allows you to control all connected Samsung devices that support Anynet+ with your Samsung TV remote.
- Photos, Videos & Music: Play back photo, video, and music files from an external storage device.
- Movies & TV Shows: Purchase and watch movies and series without a separate external device.
- On TV: Check a listing of programs that are currently airing or are scheduled to air.
- Apps: Samsung Apps offers an extensive collection of free and paid news, sports, weather, and social network applications.

Press to launch Smart Hub. Choose a service using the icons displayed in the top part of the screen.

- Screen Mirroring: Displays mobile device screens on your TV using a wireless connection.

- SMART Interaction: Using this function, you can access and control menu options and functions without a separate external device.

- Anynet+ (HDMI-CEC): This allows you to control all connected Samsung devices that support Anynet+ with your Samsung TV remote.

- Photos, Videos & Music: Play back photo, video, and music files from an external storage device.

- e-Manual: Provides a detailed, on-screen user's manual built into your TV.

- SMART Interaction: Using this function, you can access and control menu options and functions without a separate external device.

- Device Manager: Use the TV features with a USB keyboard and mouse.

- Screen Mirroring: Displays mobile device screens on your TV using a wireless connection.

Figures and illustrations in this User Manual are provided for reference only and may differ from the actual product appearance. Product design and specifications may change without notice.
Using the Remote Control

Learn where the function buttons are on your remote. Especially note these:
- SOURCE
- MUTE
- VOL
- CH
- MENU
- TOOLS
- E
- INFO
- CH LIST
- RETURN
- EXIT

This remote control has Braille points on the Power, Channel, and Volume buttons and can be used by visually impaired persons.

STB: Turn on and off the satellite or cable set-top box connected to the TV.

STB GUIDE: Displays the STB's EPG (Electronic Program Guide).

STB MENU: Opens the STB's OSD (Menu).

These buttons are only available when the universal remote control is set and TV turns on.

Displays and selects the available video sources.

Returns to the previous channel.

Cuts off the sound temporarily.

Brings up Smart Hub applications. See the e-Manual chapter, Smart TV Features > Smart Hub.

Changes channels.

Exits the menu.

Displays the EPG (Electronic Program Guide).

Displays information on the TV screen.

Turns the TV on and off.

Turn on the backlight for the buttons. This backlight lasts for only a few seconds.

Turns the remote control light on or off. When on, the buttons become illuminated for a moment when pressed. (Using the remote control with this button set to On will reduce the battery usage time.)

Gives direct access to channels.

Adjusts the volume.

Opens the OSD (Menu).

Quickly selects frequently used functions.

Returns to the previous menu.

Press to select additional digital channels being broadcast by the same digital station. For example, to select channel '54-3', press '54', then press '-' and '3'.

SEARCH: Run search function. See the e-Manual chapter, Smart TV Features > Search.

STATUS: The notification banner is shown at the top of the screen. See the e-Manual chapter, Smart TV Features > Notification.

MORE: Displays a virtual remote control on the screen. See the e-Manual chapter, Controlling the TV > Virtual Remote Control.


RECOMMENDED: Displays a list of scheduled-to-air program recommendations. See the e-Manual chapter, Smart TV Features > On TV.

CC: Displays digital subtitles. See the e-Manual chapter, TV Viewing > Subtitles.

By visually impaired persons.

Learn where the function buttons are on your remote. Especially note these: SOURCE, MUTE, VOL, CH.
Inserting the Batteries (AAA X 2)

Match the polarity of the batteries to the symbols in the battery compartment.

- The color and shape may vary depending on the model.
- Use the remote control within 23 feet of the TV.
- Bright light may affect the performance of the remote control. Avoid using when near special neon signs.
- The color and shape may vary depending on the model.
Turning on the TV

Turn on the TV using the P button on the remote control or TV panel.

✎ The product color and shape may vary depending on the model.

✎ The first time you turn on your TV, it will immediately start the initial setup.

✎ The TV's Controller, a small joystick like button on the rear right side of the TV, lets you control the TV without the remote control.

Remote control sensor

When you use the remote control, the standby LED does not respond, except when you press the P button.

Open Smart Hub.

Caution of the cover-jack

CAUTION

The cover-jack is for use by qualified service personnel only.

Cover-jack

TV Rear Panel

✎ The rear panel may differ depending on the model.

CAUTION

Without the remote control, the TV's Controller, a small joystick like button on the rear right side of the TV, lets you control the TV.

The first time you turn on your TV, it will immediately start the initial setup.

The product color and shape may vary depending on the model.

Turn on the TV using the P button on the remote control or TV panel.
Switching Between Video Sources

Press the SOURCE button to switch between devices connected to the TV. For example, to switch to a game console connected to the second HDMI connector, press the SOURCE button. From the Source list, select HDMI2. The connector names may vary depending on the product.

Select Tools at the upper-right corner of the source screen to access the following functions:

- Press the USB device from the list to remove a USB device safely. This function is only available when the USB device selected.
- Edit Name: Lets you associate a device name to an input source. You can select the following device names in the Edit Name option:
  - VCR / DVD
  - Game / Camcorder
  - PC / DVI
  - PC / DVI Devices
  - TV / IPTV / Blu-ray / HD DVD / DMA
  - VGA / DVI / Cable / STB / PVR / STB / AV Receiver

When you view the Source list, the device name and the input jack will be displayed together.

1. Select Tools in the upper right corner of the source screen.
2. Select Edit Name.
3. Find the input source you want in the Source list (HDMI1, HDMI2, Component, etc.).
4. Select the blank field next to the input.
5. In the device name list that appears, select the name of the device attached to the input.

When you connect a PC to the HDMI IN 4 (DVI) port with an HDMI cable, select PC from the device name list.

When you connect a PC to the HDMI IN 4 (DVI) port with an HDMI to DVI cable, select DVI PC from the device name list.

When you connect an AV device to the HDMI IN 4 (DVI) port with an HDMI to DVI cable, select DVI Devices from the device name list.

Universal Remote Setup: Use to configure universal remote control settings. Using the universal remote control, you can control external devices connected to the TV, such as a set-top box, Blu-ray player, and AV receiver.

Universal Remote Setup: Use to configure universal remote control settings. Using the universal remote control, you can control external devices connected to the TV, such as a set-top box, Blu-ray player, and AV receiver.
Universal Remote Control Setup

This TV has a universal remote control feature that lets you control cable boxes, Blu-ray players, home theater, and other third-party external devices connected to the TV using the TV's remote control.

Remote control by entering the model number manually.

3. Follow the on-screen instruction and set up the universal remote control. If it does not work, set up the process.

2. Select Universal Remote Setup from the top of the screen. This initiates the universal remote setup.

1. Turn on the external device you wish to set up universal remote function for and then press SOURCE.

Add the External Device

The transmission of the remote control signal should be no obstacles between IR Extender and external device. The presence of an obstacle will interfere with the signal. Face the IR Extender toward the external device's remote control signal receiver. Note that it should be at least 2 inches away from the IR Extender and the external device, as shown in the illustration.

Keep a distance of 2 inches at least between the IR Extender and the external device.

Add the External Device

1. Turn on the external device you wish to set up universal remote function for and then press SOURCE.

2. Select Universal Remote Setup from the top of the screen. This initiates the universal remote setup.

3. Follow the on-screen instruction and set up the universal remote control. If it does not work, set up the process.

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3. Follow the on-screen instruction and set up the universal remote control. If it does not work, set up the process.

1. Select a category from the left side of the screen.
2. Select an item. The e-Manual will open on the page containing the selected information.

Viewing the e-Manual

Press the \button or select \ on the top right of the screen to display the index. Select a term to display the page containing the term.

Navigating to the Home Page

To return to the home page, press the \ button or select \ on the top left of the screen.

Using the Top Icons

Use the Back, Forward, and Opened pages icons on the top left of the screen to navigate through pages. These icons are available after you have viewed two or more pages.

Scrolling a Page

To scroll a page, use one of the following methods:
- Place the focus on the up or down arrow button on the screen.
- Place the focus on the up or down arrow button at the right edge of the screen, press the up or down arrow on the remote.

Searching the Index

Press the button or select \ on the top right of the screen to display the index. Select a term to display the page containing the term.
Press the SMART HUB button on the remote control to display the Smart Hub screen, and then move the e-Manual button on the top right of the screen, and enter search criteria. Select a page from the list of search results to display it.

To close the e-Manual, press the RETURN button or select at the upper-right corner of the e-Manual screen.

To jump directly to the menu item that is described in the current section, select E-MANUAL > Try Now. It is possible to jump from a menu item directly to the related section in the e-Manual. On the screen menu, press the E-MANUAL button that appears on the screen.

Press the button on the remote control to display the Apps Update window. The e-Manual starts updating to the latest version. When the e-Manual needs updating to the latest version, Apps Update window will appear in the Apps screen.

The feature may not be available, depending on the menu.
Connecting to a Network

Connecting the TV to a network gives you access to online services such as Smart Hub and lets you update the TV's software online directly from Samsung.com.

Network Connection - Wireless

To use a wireless network, the TV must be connected to a wireless router or modem. If the wireless router supports DHCP, the TV can use a DHCP or static IP address to connect to the wireless network.

Wireless Network Precautions

- Select a channel that is not currently in use for the wireless router. If the channel set for the wireless router is currently being used by another device, the result is usually interference and/or a communications failure.
- If the wireless router supports DHCP, the TV can use a DHCP or static IP address to connect to the wireless network. If the wireless router does not support DHCP, the TV must be connected to a wireless router or modem.
- Most wireless networks have an optional security system. To enable a wireless network’s security system, you need to create a security key using characters and numbers, and then enter that key into the wireless router through its menu. Then, enter this security key into any other devices you want to connect to the wireless network.

Network Security Protocols

The TV only supports the following wireless network security protocols:

- Authentication Modes: WEP, WPAPSK, WPA2PSK
- Encryption Types: WEP, TKIP, AES

In compliance with the newest Wi-Fi certification specifications, Samsung TVs do not support WEP or TKIP encryption in networks running in the 802.11n mode.

Your Smart TV cannot connect to uncertified wireless routers.

Network Security

The TV's software online directly from Samsung.com; update the TV's software online directly from Samsung.com.
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 below:

1. **The Modem Port on the Wall**
   - Modem Cable (Not Supplied)
   - LAN Cable (Not Supplied)
   - TV Rear Panel
   - External Modem (ADSL / VDSL / Cable TV)

2. **The LAN Port on the Wall**
   - LAN Cable (Not Supplied)
   - TV Rear Panel

3. **IP Router that has a DHCP Server**
   - The TV does not support network speeds less than or equal to 10Mbps.
   - Use Cat 7 cable for the connection.

The TV is not recommended to be connected over-the-top.
What is Remote Support?

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

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

How Does it Work?

1. Call the Samsung Contact Center and ask for remote support.
2. Open the menu on your TV and go to the Support section.
3. Select Remote Management and Provide the Pin# to the agent.
4. The agent will then access your TV. The agent will then

That's it!

Having a Samsung Tech remotely service your TV is easy.

Samsung Remote Support service offers you one-on-one support with a Samsung Technician who can...
## Troubleshooting

If the TV seems to have a problem, first review this list of possible problems and solutions. Also, review the Troubleshooting Section in the e-Manual. If none of the troubleshooting tips apply, visit www.samsung.com/support or call Samsung Customer Service at 1-800-SAMSUNG (1-800-726-7864).

### Issues and Explanations

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<td>Flickering and Dimming</td>
<td>If your Samsung Television is flickering or dimming sporadically, you may need to disable some of the energy efficiency features. Disable Energy Saving (System &gt; Eco Solution &gt; Eco Sensor) and/or Energy Saving (System &gt; Eco Solution &gt; Energy Saving) and check again.</td>
</tr>
<tr>
<td>Component Connections / Screen Color</td>
<td>If you find that the color on your Samsung television screen is not correct or the black and white colors are off, run a Self Diagnosis Picture Test (Support &gt; Self Diagnosis &gt; Picture Test). If the picture problem is caused by the TV, the problem should be visible in the Picture Test. If the problem is not visible, next confirm that the TV's video input jacks are connected to the correct external video device output jacks and that none of the connections are loose. Finally, if possible, test your external video devices by connecting them to another TV.</td>
</tr>
<tr>
<td>Screen Brightness</td>
<td>If you find that the colors on your Samsung TV are correct but just a little too dark or bright, try adjusting the following settings first. Navigate to Picture and adjust Backlight, Contrast, Brightness, Sharpness, Color, Tint (G/R) and other picture quality adjustment settings.</td>
</tr>
<tr>
<td>Auto Motion Plus / Blur</td>
<td>If you find that there is a blur or &quot;ghost&quot; shadow to the images on your television screen, you might be able to correct the issue using Auto Motion Plus (Picture &gt; Picture Options &gt; Auto Motion Plus).</td>
</tr>
<tr>
<td>Unwanted Powering Off</td>
<td>If your Samsung TV appears to turn off by itself, try disabling some of the TV's energy efficiency and automatic off features. Check if Sleep Timer (System &gt; Time &gt; Sleep Timer) has been enabled. Sleep Timer automatically turns off the TV after a specified amount of time that you select. If the Sleep Timer has not been enabled, see if No Signal Power Off (System &gt; Eco Solution &gt; No Signal Power Off) or Auto Power Off (System &gt; Eco Solution &gt; Auto Power Off) has been enabled. No Signal Power Off turns off the TV if no signal has been received by the TV for a specified period of time. Auto Power Off turns off the TV if there has been no user input in four hours.</td>
</tr>
<tr>
<td>Trouble Powering On</td>
<td>When the TV is turned on, the remote control receiver flashes 5 times before the screen turns on. If you find that you are having problems powering on your Samsung television, there are a number of things to check before calling the service department. If the power cord is connected properly and the remote control is operating normally, the problem might be with the antenna cable connection or the cable/satellite box not being turned on. Check the antenna connection or the cable/satellite box and then turn on the cable/satellite box if necessary.</td>
</tr>
<tr>
<td>Stand Assembly</td>
<td>If you have any trouble assembling the stand, review the stand assembly instructions in the Quick Start Guide.</td>
</tr>
<tr>
<td>Cannot Find a Channel</td>
<td>Re-run Setup (Go to Menu &gt; System &gt; Setup) or run Auto Program (Go to Menu &gt; Broadcasting).</td>
</tr>
</tbody>
</table>

For detailed troubleshooting information, watch the troubleshooting videos at www.samsung.com/spsn.
The TV won’t turn on.
- Make sure the AC power cord is securely plugged in to the wall outlet and the TV.
- Make sure the wall outlet is working.
- Try pressing the button on the TV to make sure the problem is not the remote. If the TV turns on, refer to “Remote control does not work” below.

There is no picture/video.
- Check the cable connections. Remove and reconnect all cables connected to the TV and external devices.
- Set the video outputs of your external devices (Cable/Sat Box, DVD, Blu-ray etc) to match the TV’s input connections. For example, if an external device’s output is HDMI, it should be connected to an HDMI input on the TV.
- Make sure your connected devices are powered on.
- Be sure to select the correct input source.
- Reboot the connected device by unplugging it, and then reconnecting the device’s power cable.

The remote control does not work.
- Replace the remote control batteries. Make sure the batteries are installed with their poles (+/–) in the correct direction.
- Clean the sensor’s transmission window on the remote.
- Try pointing the remote directly at the TV from 5~6 feet away.

The cable/set top box remote control doesn’t turn the TV on or off or adjust the volume.
- Program the Cable/Set remote control to operate the TV. Refer to the Cable/Set-Top-Box user manual for the SAMSUNG TV code.
Installing a Wall Mount using the Wall mount adapter

For more detailed information, refer to the User Manual of the Wall Mount Kit.

Wall mount adapters are provided only with 46-inch or bigger TVs.

46 - 50 inches models: 2 pieces (BN96-18153B)
55 inches and above models: 4 pieces (BN96-18153A)

NOTE

Do not install your Wall Mount Kit while your TV is turned on. It may result in personal injury.

LED TV

<table>
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<tr>
<th>Product Family</th>
<th>TV size in inches</th>
<th>VESA screw hole specs</th>
<th>Standard Screw Quantity</th>
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<tr>
<td>LED-TV</td>
<td>32 - 40</td>
<td>200 X 200</td>
<td>M8 4</td>
</tr>
<tr>
<td></td>
<td>46 - 65</td>
<td>400 X 400</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>200 X 200</td>
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</tr>
</tbody>
</table>

Do not install the TV at more than a 15 degree tilt.

Always have two people mount the TV to a wall.

Do not mount the TV on a ceiling or slanted wall, it may fall and result in severe personal injury.

Samsung is not liable for product damage or personal injury when a non-VESA or non-specified wall mount is used. Samsung is not liable for these kinds of accidents.

Do not fasten the screws too firmly. This may damage the product or cause the product to fall.

Do not use screws that do not comply with VESA standard screw specifications. Screws that are too long may cause damage to the inside of the TV set.

Do not use screws that are longer than the standard length or do not comply with VESA standard screw specifications. Screws may differ depending on the wall mount specifications.

Standard dimensions for wall mount kits are shown in the table below.

VESA Wall Mount Kit Notes and Specifications
Eco Sensor and Screen Brightness

Do not block the sensor with any material. It can decrease picture brightness.

Eco Sensor measures the light in your room and optimizes the brightness of the TV automatically to reduce power consumption. This causes the TV to brighten and dim automatically. If you want to turn this function off, go to Menu > System > Eco Solution > Eco Sensor.

Assembling the Cable manager
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 product can get scratched during cleaning. Be sure to wipe the exterior and screen carefully using the cloth provided or a soft cloth to prevent scratches.

Do not spray water directly onto the product. Any liquid that goes into the product may cause a failure, fire, or electric shock.

Clean the product with a soft cloth dampened with a small amount of water. Do not use a flammable liquid (e.g. benzene, thinners) or a cleaning agent.

When you install your TV, maintain a distance of at least 4 inches between the TV and other objects (walls, 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.

Whether you install your TV using a stand or a wall-mount, we strongly recommend you use parts provided by Samsung Electronics only. If you use parts provided by another manufacturer, it may cause difficulties with the product or result in injury caused by the product falling.
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 destabilize the TV. Doing so 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.

To Avoid the TV from Falling

1. Pull the screws into the clamps and firmly fasten them onto the wall. Confirm that the screws have been firmly installed onto the wall.

   - You may need additional material such as an anchor depending on the type of wall.
   - Screws may not be supplied with the product. In this case, you need to purchase additional screws.

2. Remove the screws from the back center of the TV, put the screws into the clamps, and then fasten the screws onto the TV again.

   - Screws may not be supplied with the product. In this case, you need to purchase additional screws.
   - Screws specifications: For a 32 - 65 inches: M8

3. Connect the clamps fixed onto the TV and the clamps fixed onto the wall with a strong cable and then tie the string tightly.

   - NOTE
   - Install the TV near to the wall so that it does not fall backwards.
   - It is safe to connect the string so that the clamps fixed on the TV are equal to or lower than the clamps fixed on the wall.
   - Untie the string before moving the TV.

4. Verify all connections are properly secured. Periodically check the connections for any sign of fatigue or failure. If you have any doubt about the security of your connections, contact a professional installer.

In the Safety Flyer included with your TV, for added stability, follow all safety precautions provided.
### Specifications

**Display Resolution** 1920 x 1080

<table>
<thead>
<tr>
<th>Environmental Considerations</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operating Temperature</strong></td>
</tr>
<tr>
<td>50°F to 104°F (10°C to 40°C)</td>
</tr>
<tr>
<td><strong>Operating Humidity</strong></td>
</tr>
<tr>
<td>10% to 80%, non-condensing</td>
</tr>
<tr>
<td><strong>Storage Temperature</strong></td>
</tr>
<tr>
<td>-4°F to 113°F (-20°C to 45°C)</td>
</tr>
<tr>
<td><strong>Storage Humidity</strong></td>
</tr>
<tr>
<td>5% to 95%, non-condensing</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Stand Swivel (Left / Right)</th>
<th>-20˚ ~ 20˚</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Model Name</th>
<th>UN32F6300</th>
<th>UN40F6300</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Screen Size</strong> (Diagonal)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32˝ Class</td>
<td></td>
<td></td>
</tr>
<tr>
<td>40.0 measured diagonally</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UN40F6300</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sound</strong> (Output) 10W x 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dimensions (W x H x D)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Body With stand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>29.2 x 17.3 x 1.9 inches</td>
<td></td>
<td></td>
</tr>
<tr>
<td>743.8 x 441.7 x 49.5 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>29.2 x 20.1 x 10.4 inches</td>
<td></td>
<td></td>
</tr>
<tr>
<td>743.8 x 513.0 x 264.8 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight Without Stand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11.2 lbs (5.1 kg)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>With Stand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13.6 lbs (6.2 kg)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model Name</th>
<th>UN46F6300</th>
<th>UN50F6300</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Screen Size</strong> (Diagonal)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>46˝ Class</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45.9 measured diagonally</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UN50F6300</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sound</strong> (Output) 10W x 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dimensions (W x H x D)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Body With stand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>41.9 x 24.5 x 1.9 inches</td>
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<td></td>
</tr>
<tr>
<td>1065.4 x 622.5 x 49.6 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>41.9 x 27.7 x 12.0 inches</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1065.4 x 704.7 x 306.9 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight Without Stand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24.2 lbs (11.0 kg)</td>
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<tr>
<td>With Stand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>27.7 lbs (12.6 kg)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Model Name</th>
<th>UN55F6300</th>
<th>UN60F6300</th>
<th>UN65F6300</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Screen Size</strong> (Diagonal)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>55˝ Class</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>54.6 measured diagonally</td>
<td></td>
<td></td>
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<tr>
<td>UN60F6300</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sound</strong> (Output) 10W x 2</td>
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<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dimensions (W x H x D)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Body With stand</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>49.4 x 28.7 x 1.9 inches</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1256.0 x 729.3 x 49.2 mm</td>
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<td></td>
</tr>
<tr>
<td>49.4 x 31.9 x 12.0 inches</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>1256.0 x 811.2 x 306.9 mm</td>
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</tr>
<tr>
<td>Weight Without Stand</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>37.0 lbs (16.8 kg)</td>
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<td></td>
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<tr>
<td>With Stand</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40.5 lbs (18.4 kg)</td>
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<table>
<thead>
<tr>
<th>Model Name</th>
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<td><strong>Screen Size</strong> (Diagonal)</td>
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</tr>
<tr>
<td>60˝ Class</td>
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</tr>
<tr>
<td>60.0 measured diagonally</td>
<td></td>
</tr>
<tr>
<td>UN65F6300</td>
<td></td>
</tr>
<tr>
<td><strong>Sound</strong> (Output) 10W x 2</td>
<td></td>
</tr>
<tr>
<td><strong>Dimensions (W x H x D)</strong></td>
<td></td>
</tr>
<tr>
<td>Body With stand</td>
<td></td>
</tr>
<tr>
<td>58.1 x 33.5 x 1.9 inches</td>
<td></td>
</tr>
<tr>
<td>1475.8 x 852.9 x 49.9 mm</td>
<td></td>
</tr>
<tr>
<td>58.1 x 36.9 x 12.0 inches</td>
<td></td>
</tr>
<tr>
<td>1475.8 x 938.7 x 329.9 mm</td>
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</tr>
<tr>
<td>Weight Without Stand</td>
<td></td>
</tr>
<tr>
<td>59.0 lbs (26.8 kg)</td>
<td></td>
</tr>
<tr>
<td>With Stand</td>
<td></td>
</tr>
<tr>
<td>65.0 lbs (29.5 kg)</td>
<td></td>
</tr>
</tbody>
</table>
Design and specifications are subject to change without prior notice.

The actual appearance of the TV may differ from the images in this manual, depending on the model.

Dispose unwanted electronics through an approved recycler.
To find the nearest recycling location, go to our website:
www.samsung.com/recyclingdirect or call, (877) 278 - 0799

To decrease power consumption, unplug the power cord when you don't intend to use the TV for a long time.

Standby mode

Typical power consumption is measured according to Energy Star Program requirements for Televisions.

TYPICAL POWER CONSUMPTION IS MEASURED ACCORDING TO ENERGY STAR PROGRAM REQUIREMENTS FOR TELEVISIONS.

This device is a Class B Digital Apparatus.

The actual appearance of the TV may differ from the images in this manual, depending on the model.

Design and specifications are subject to change without prior notice.
NOTE: All drawings are not necessarily to scale. Some dimensions are subject to change without prior notice. Refer to the dimensions before installing your TV. Not responsible for typographical or printed errors.

The displayed image may differ depending on the model.

<table>
<thead>
<tr>
<th>Model Name</th>
<th>UN40F6300</th>
<th>UN46F6300</th>
<th>UN50F6300</th>
<th>UN55F6300</th>
<th>UN60F6300</th>
<th>UN65F6300</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>15.7 x 15.7 x 6.8</td>
<td>19.1 x 15.7 x 6.6</td>
<td>19.1 x 15.7 x 6.9</td>
<td>15.7 x 15.7 x 8.4</td>
<td>15.7 x 15.7 x 8.4</td>
<td>15.7 x 15.7 x 8.6</td>
</tr>
</tbody>
</table>

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Federal Communication Commission

Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'appareil doit accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre son fonctionnement.

For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for use with this radio transmitter. For equipment manufactured to June 1, 1991, this antenna must be approved in accordance with Appendix Mod-C of RSS 210. For equipment manufactured after June 1, 1991, this antenna must be approved by Industry Canada. The antenna gain may not exceed 4 dBd. The use of an antenna with a gain greater than specified is prohibited, as it may result in interference to co-channel mobile operations.

IC Radiation Exposure Statement:

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This Class B digital apparatus complies with Canadian ICES-003.

The Class B digital apparatus complies with Canadian ICES-003.

Warranty Information
IMPORTANT WARRANTY INFORMATION REGARDING TELEVISION FORMAT VIEWING

See the warranty card for more information on warranty terms.

Wide screen format LED Displays (with 16:9 aspect ratios, the ratio of the screen width to height) are primarily designed to view wide screen format full-motion video. The images displayed on them should primarily be in the wide screen, 16:9 ratio format, or expanded to fill the screen, if your model offers this feature, with the images constantly in motion. Displaying stationary graphics and images on the screen, such as the dark sidebars on non-expanded standard format television video and programming, should be limited to no more than 5% of the total television viewing time per week. Additionally, viewing other stationary images and text such as stock market crawls, video game displays, station logos, web sites or computer graphics and patterns, should be limited as described above for all televisions. Displaying stationary images that exceed the above guidelines can cause uneven aging of LED Displays that leave subtle, but permanent burned-in ghost images in the LED picture. To avoid this, vary the programming and images, and primarily display full screen moving images, not stationary patterns or dark bars. On LED models that offer picture sizing features, use these controls to view different formats as a full screen picture.

Be careful about the television formats you select and the length of time you view them. Uneven LED aging as a result of format selection and use, as well as burned in images, are not covered by your Samsung limited warranty.

SMALL IMAGE WARNING

Avoid displaying the same TV channel for long periods.
Avoid displaying the same image on the screen for long periods. This is done over a period of time and can cause small, permanent image retention on the LED screen, which can cause uneven aging of the LED screen. To avoid this, vary the images displayed on the screen. Additionally, avoid displaying still images such as TV channel logos, still image elements (such as stock or news bars at the bottom of the screen), or programs in panorama or 4:3 image format on the screen. Constantly displaying still pictures can cause image burn-in on the LED screen, which will affect image quality. To reduce risk of the effect, avoid displaying the same image on the screen, which can cause constant burn-in of the image on the screen. Consistently displaying still pictures on the screen can cause small, permanent image retention on the LED screen. This can cause uneven aging of the LED screen.

STILL IMAGE WARNING

In Canada: 1-800-561-5505
In the United States: 1-800-SAMSUNG (1-800-726-7864)

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 screen bottom etc.), or programs in panorama or 4:3 image format on the screen. Constantly displaying still images on the LED screen can cause small, permanent image retention on the LED screen, which can cause uneven aging of the LED screen. To avoid this, vary the images displayed on the screen. Additionally, avoid displaying the same TV channel for long periods. Always try to display any image in full screen. Reduce brightness and contrast to avoid the appearance of after-images. Use all TV features designed to reduce image appearance of after-images. Purchase only from a SAMSUNG Authorized Service Center. The above described warranty repairs must be performed by a SAMSUNG Authorized Service Center. The original warranty card for the warranty period originally specified and to the Original Purchaser only.

SAMSUNG ELECTRONICS NORTH AMERICAN LIMITED WARRANTY STATEMENT

Subject to the requirements, conditions, exclusions and limitations of the original Limited Warranty supplied with Samsung Electronics (SAMSUNG) products, and the requirements, conditions, exclusions and limitations contained herein, SAMSUNG will additionally provide Warranty Repair Service in the United States on SAMSUNG products purchased in Canada, and in Canada on SAMSUNG products purchased in the United States. Warranty Repair Service in the United States is provided by SAMSUNG’s products, and the requirements, conditions, exclusions and limitations contained herein. Warranty is provided with Samsung Electronics for the period originally specified and to the Original Purchaser only.

The above described warranty repairs must be performed by a SAMSUNG Authorized Service Center. The original warranty card for the warranty period originally specified and to the Original Purchaser only.
Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

SAMSUNG AND SAMSUNG'S AUTHORIZED SERVICE CENTER ARE NOT LIABLE FOR DIRECT, INDIRECT, ACCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE USE, MISUSE, OR INABILITY TO USE THIS PRODUCT, REGARDLESS OF THE LEGAL THEORY ON WHICH THE CLAIM IS BASED, AND EVEN IF SAMSUNG HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. SAMSUNG IS NOT LIABLE FOR LOSS, DAMAGE OR INJURY TO PERSONS OR PROPERTY OUTSIDE THE Scope OF THE EXPRESS WARRANTIES STATED HEREIN, INCLUDING THE INABILITY TO USE THIS PRODUCT, WHETHER ARISING FROM A CLAIM OF CONTRACT, NEGLIGENCE, TORT OR STRICT LIABILITY. TO THE EXTENT ALLOWABLE UNDER APPLICABLE LAW, THIS WARRANTY IS NONTRANSFERABLE AND APPLIES ONLY TO THE ORIGINAL PURCHASER.

LIMITATION OF REMEDIES: THE PURCHASER'S EXCLUSIVE REMEDY UNDER THIS LIMITED WARRANTY SHALL BE REPAIR OR REPLACEMENT OF THIS PRODUCT. PURCHASER'S SOLE AND EXCLUSIVE REMEDY UNDER THIS LIMITED WARRANTY SHALL BE REPAIR OR REPLACEMENT. SUCH REMEDY WILL BE LIMITED TO A PERIOD OF TIME WHICH IS NOT TO EXCEED THE WARRANTY PERIOD STATED ABOVE, AND NO OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL APPLY TO THIS PRODUCT. IN NO EVENT WILL SAMSUNG BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR THE BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT.

LIMITATION OF LIABILITY: SAMSUNG WILL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR THE BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT, INCLUDING, BUT NOT LIMITED TO, ANY LOST PROFITS, LOST SAVINGS, OR ANY OTHER DAMAGE RESULTING FROM ANY CONTRACT, NEGLIGENCE, TORT OR ANY OTHER LEGAL THEORY. SAMSUNG IS NOT LIABLE FOR UNAUTHORIZED MODIFICATION OR ALTERATION OF THIS PRODUCT. THE REPAIRS TO THIS PRODUCT MUST BE PERFORMED BY SAMSUNG OR SAMSUNG'S AUTHORIZED SERVICE CENTER. THE ORIGINAL DATED BILL OF SALE MUST BE PRESENTED UPON REQUEST AS PROOF OF PURCHASE TO OBTAIN WARRANTY SERVICE. THE PURCHASER IS RESPONSIBLE FOR THE COST OF REMOVING AND REINSTALLING THIS PRODUCT.

SMALL METER RATING: IN THE EVENT OF A DISCREPANCY BETWEEN THE SPECIFICATIONS LISTED BELOW, THE SMALLEST RATING SHALL APPLY.

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