

Safety Precaution



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. 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-tip device, referring to "Preventing the TV from falling."



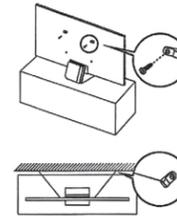
WARNING: Never place a television set in an unstable location. The television set may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- Always use cabinets or stands or mounting methods recommended by Samsung.
- 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.

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 standard screw part in the table on the Quick Setup Guide.
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.

Note: The image shown here is for illustrative purposes only and may be subject to change. The actual number of ports and their locations may vary depending on the model.

The cables mentioned in this guide is not supplied with your unit.

03 Troubleshooting and Maintenance

Troubleshooting

For more information, see "Troubleshooting" or "FAQ" in the e-Manual.

  Settings > e-Manual > Troubleshooting or FAQ
If none of the troubleshooting tips apply, please visit "www.samsung.com" and click Support or contact a service center.

- 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).

The TV won't turn on.

- Make sure that the AC power cord is securely plugged in to the One Connect Box and the wall outlet.
- Make sure that the wall outlet is working and the remote control sensor at the bottom of the TV is lit and glowing a solid red.
- Try pressing the TV Controller button at the bottom 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."

The remote control does not work.

- Check if the remote control sensor at the bottom of the TV blinks when you press the remote's Power button.
 - When the remote's battery is discharged, turn over the remote control to charge with indoor light, or use the USB charging port.
- Try pointing the remote directly at the TV from 5 ft. to 6 ft. (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.

Eco Sensor and screen brightness

Eco Sensor adjusts the brightness of the TV automatically. This feature measures the light in your room and optimizes the brightness of the TV automatically to reduce power consumption. If you want to turn this off, go to  >  Settings > General > Power and Energy Saving > Brightness Optimization.

- The eco sensor is located at the bottom of the TV. Do not block the sensor with any object. This can decrease picture brightness.

04 Specifications and Other Information

Specifications

Display Resolution
7680 x 4320
Sound (Output)
QN800A Series: 70 W
QN850A/QN900A Series: 80 W
Operating Temperature
50 °F to 104 °F (10 °C to 40 °C)
Operating Humidity
10 % to 80 %, non-condensing

Storage Temperature
-4 °F to 113 °F (-20 °C to 45 °C)
Storage Humidity
5 % to 95 %, non-condensing

Notes

- This device is a Class B digital apparatus.
- For information about the power supply, and more information about power consumption, refer to the information on the label attached to the product.
 - On most models, the label is attached to the back of the TV. (On some models, the label is inside the cover terminal.)
 - On One Connect Box models, the label is attached to the bottom of the One Connect Box.
- To connect a LAN cable, use a CAT7 (*STP type) cable for the connection. (100/10 Mbps)
 - * Shielded Twisted Pair
- The images and specifications of the Quick Setup Guide may differ from the actual product.

REFURBISHED PRODUCT LIMITED NINETY DAYS WARRANTY

The **Refurbished Product Service Center** offers the following WARRANTY to the ORIGINAL purchaser of a product which we have refurbished.

This product that has been refurbished is warranted against any electronic or mechanical defects for a period of NINETY DAYS from the date of the original purchase by the consumer. Since this unit was sold as a refurbished item, the warranty does not apply to any cosmetic appearance items such as scratches. Should a defect occur, the **Refurbished Product Service Center** will repair or, at its option, replace defective unit/parts with new or rebuilt materials without charge for either parts or labor. Replacement unit/parts will be warranted for the remaining portion of the original warranty period.

This warranty does not cover installation or damage from accident, misuse, abuse, improper wiring, incorrect voltage, operating the unit against the instructions in the owner's manual or any product which has been opened, altered, or tampered with. This warranty does not cover costs for removal and or installation of the unit for repair. Under no circumstances shall the service center be liable for any special, incidental or consequential damages or for any other expenses incurred by reason of use or sale of this product. This warranty is in lieu of any other warranties expressed or implied warranty of merchantability of fitness for particular use or otherwise.

This warranty gives the consumer specific legal rights and they may also have other rights which vary from State to State. Some States do not follow the exclusion or limitation of incidental or consequential damages, hence the above exclusion and limitations may not apply.

*Refurbished Product Service Center
13225 Marquardt Avenue Santa Fe Springs, CA 90670.*

WARRANTY REPAIR INFORMATION

If you need service on your unit and this product requires repair during the 90 days warranty period; please go to **www.ConsumerServiceRefurbish.com** or call the **Refurbished Product Service Center** at 562-946-3531 to obtain the required return authorization (RA) number. Pack the unit properly (the original carton is ideal for this purpose) along with a copy of your purchase receipt and a letter describing the problem. Send the unit freight prepaid and insured to:

*Refurbished Product Service Center,
Att: Customer Service Department 13225 Marquardt
Avenue Santa Fe Springs, CA 90670*

Your unit will be promptly repaired and returned to you. We will refuse to accept delivery of the returned unit unless the assigned RA number appears on the outside of the shipping carton.

	Owner's Information (Keep for your permanent records)
NAME:	_____
ADDRESS:	_____
CITY:	_____ STATE: _____ ZIP CODE: _____
PHONE:	_____ E-MAIL: _____
MODEL:	_____ SERIAL NO.: _____

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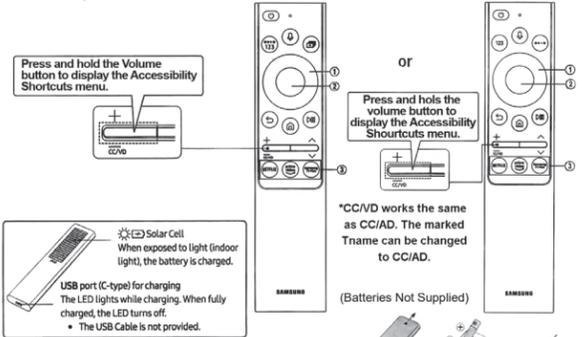


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About the Buttons on the SolarCell Remote (Smart Remote)

The Accessibility Shortcuts button on your remote provides eas access to the accessibility functions on your TV.



For battery recycling go to call2recycle.org.

- Fire or explosion may occur, resulting in damage to the remote control or personal injury.
 - Do not apply shock to the remote control.
 - Be careful not to let foreign substances such as metal, liquid, or dust come in contact with the charging terminal of the remote control.
- When the remote control is damaged or you smell smoke or burning fumes, immediately stop operation and then repair it at the contact a service center.
- Do not arbitrarily disassemble the remote control.
- Be careful not to let infants or pets suck or bite the remote control. Fire or explosion may occur, resulting in damage to the remote control or personal injury.

Button	Description
 (Power)	Press to turn the TV on or off. For The Frame model, 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.
 (Voice Assistant)	Runs Voice Assistant. Press and hold the button, say a command, and then release the button to run Voice Assistant. <ul style="list-style-type: none">The supported Voice Assistant's languages and features may differ by geographical region.Keep the remote more than 0.6 inches (15.24 mm) from your face when using and speaking to Voice Assistant through the mic on the remote.
 (Color - Number button)	Each time you press this button, the colored buttons window and the virtual numeric pad are displayed alternately. <ul style="list-style-type: none">Use this button to access additional options that are specific to the feature in use.Press to bring up the virtual numeric pad on the screen. Use the numeric keypad to enter numeric values. Select numbers and then select Done to enter a numeric value. Use to change the channel, enter a PIN, enter a ZIP code, etc.
 (Multi View)	Press the button to directly enter the Multi View function.
 (Directional button (up, down, left, right))	Use to navigate the menu or move the focus to highlight items on the Home Screen.
 (Select)	Selects or runs a focused item. When pressed while you are watching a broadcast program, detailed program information appears.
 (Return)	Press to return to the previous menu. When pressed for 1 second or more, the running function is terminated. When pressed while you are watching a program, the previous channel appears.
 (Smart Hub)	Press to return to the Home Screen.
 (Play/pause)	When pressed, the playback controls appear. Using these controls, you can control the media content that is playing. To use Game Bar, press and hold the button in Game Mode. <ul style="list-style-type: none">Game Bar may not be supported depending on the model or geographical area.
 (+/-) (Volume)	Move the button up or down to adjust the volume. To mute the sound, press the button.
 (^/∨) (Channel)	Move the button up or down to change the channel. To see the Guide screen, press the button. Press and hold the button up or down to quickly change the channel.
 (Launch app button)	Launch the app indicated by the button.
 (Pairing)	If the Smart Remote does not pair to the TV automatically, point it at the front of the TV, and then press and hold the  and  buttons simultaneously for 3 seconds or more.

- Use the Smart Remote less than 20 feet (6 m) from the TV. The usable distance may vary with the wireless environmental conditions.
- The images, buttons, and functions of the Smart Remote may differ with the model or geographical area.
- The Universal Remote function operates normally only when you use the Smart Remote that comes with the TV.
- It is recommended to use an original Samsung charger. Otherwise, it may cause performance degradation or failure of the product. In this case, the warranty service is not applicable.
- When the remote control does not work due to low battery, charge it by using the USB-C type port.

The remote control vary depend of model: The buttons on the remote control may have a different name or location than the remote control shows in this manual.

Using Accessibility Functions (may differ with model)

Accessing your TV's accessibility functions

The Accessibility Shortcuts button on your remote provides easy access to the accessibility functions on your TV.

- Press and hold the Volume button to display the Accessibility Shortcuts menu.
- Some functions may not appear depending on the access method.

Voice Guide Settings

You can activate voice guides that describe the menu options aloud to aid the visually impaired. To activate this function, set Voice Guide to On. With Voice Guide on, the TV provides voice guides for channel change, volume adjust, information on current and upcoming programs, schedule viewing, other TV functions, various content in the Web Browser, and in Search.

- You can configure the volume, speed, pitch, and level of the Voice Guide.
- The Voice Guide is provided in the language that is specified on the Language screen. English is always supported. However, some languages are not supported by Voice Guide even though they are listed in the Language screen.

TV Background Volume

By default, the volume of the broadcast content is set to be low so that you can hear the voice guide clearly. When the content volume is too low while the voice guide is coming out, you can adjust the content volume.

Picture Off

Turn off the TV screen and provide only sound to reduce overall power consumption. When you press any button on the remote control with the screen off, the TV screen is returned to on.

Graphic Zoom

Enlarge the screen to make the picture or text bigger. You can adjust the zoom level or move the zoom area.

Audio (Video) Description

You can activate an audio guide that provides an audio description of video scenes for the visually impaired. This function is only available with broadcasts that provide this service.

High Contrast

You can change major service screens to white text on a black background or change the transparent TV menus to opaque so that text can be more easily read. To activate this function, set High Contrast to On.

Grayscale

You can change the color of the TV screen to a black and white tone to sharpen blurred edges caused by colors.

- If Grayscale is on, some Accessibility menus are not available.
- This function may not be supported depending on the model or geographical area.

Color Inversion

You can invert the colors of the text and background for the setting menus displayed on the TV screen to make it easier to read them.

- If Color Inversion is on, some Accessibility menus are not available.
- This function may not be supported depending on the model or geographical area.

Enlarge

You can enlarge the size of the font on the screen. To activate, set Enlarge to On.

Learn TV Remote

This function helps individuals with a visual impairment to learn the positions of the buttons on the remote control. When this function is activated, you can press a button on the remote control and the TV will tell you its name. Press the  (Return) button twice to exit Learn TV Remote.

Learn Menu Screen

Learn the menus on the TV screen. Once enabled, your TV will tell you the structure and features of the menus you select.

Caption Settings

Set Caption to On to watch programs with the captions displayed.

- Captions are not displayed by programs that do not support captions.
- This function has no relationship with the features for controlling subtitles of DVD or Blu-ray players. To control DVD or Blu-ray subtitles, use the subtitle feature of the DVD or Blu-ray player and the player's remote control.

Separate Closed Caption

- You can display the caption in the area separated from the broadcast screen.

Caption Mode

- Default / CC1 - CC4 / Text1 - Text4
Operates in either analog TV channel mode or when a signal is supplied from an external device to the TV. (Depending on the broadcast signal, the analog caption function may or may not work with digital channels.)
- Default / Service1 - Service6 / CC1 - CC4 / Text1 - Text4
Works with digital channels. These functions may not be available in digital caption mode depending on the broadcast.

Digital Caption Options

You can change the font color, background color, size settings, and position, etc.

- The foreground and background colors and opacity settings cannot be the same.
- The Position function is activated only for programs that support broadcast captions.

Multi-output Audio

You can turn on the TV speaker and a Bluetooth device at the same time. When this function is active, you can set the volume of the Bluetooth device higher than the volume of the TV speaker.

- This function may not be supported depending on the model or geographical area.
- When you connect the Bluetooth headphone to the TV, Multi-output Audio is activated.

Sign Language Zoom Settings

You can zoom in the sign language screen when the program you are watching provides it. First, set Sign Language Zoom to On, and then select Edit Sign Language Zoom to change the position and magnification of the sign language screen.

Remote Button Repeat Settings

You can configure the operation speed of the remote control buttons so that they slow down when you continually press and hold them. First, set Slow Button Repeat to On, and then adjust the operation speed in Repeat Interval.

Button	Description
 (Power)	Press to turn the TV on or off.
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 (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.
 (Color button)	Use these colored buttons to access additional options specific to the feature you are using.
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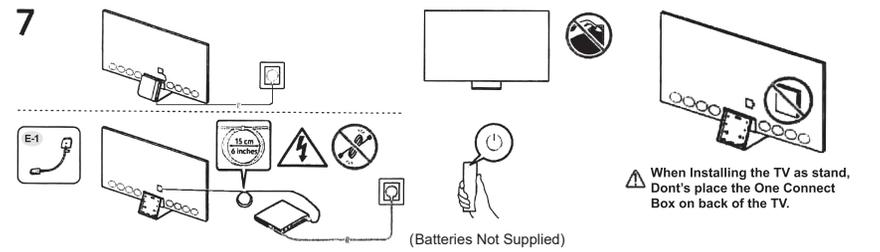
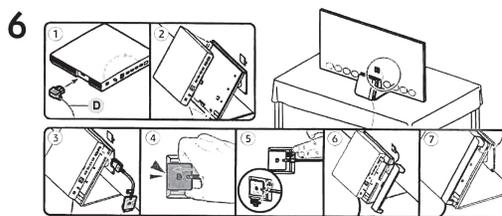
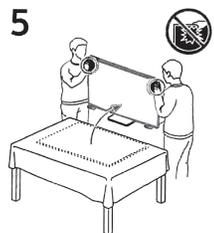
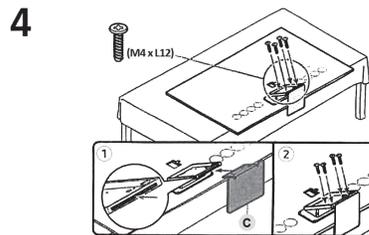
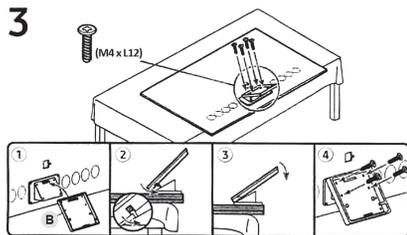
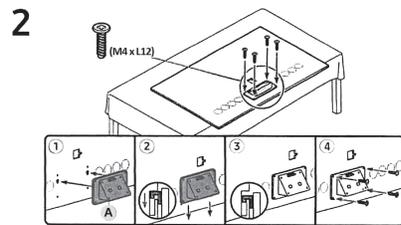
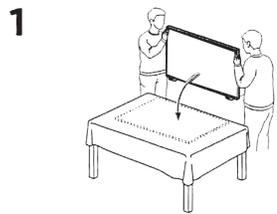
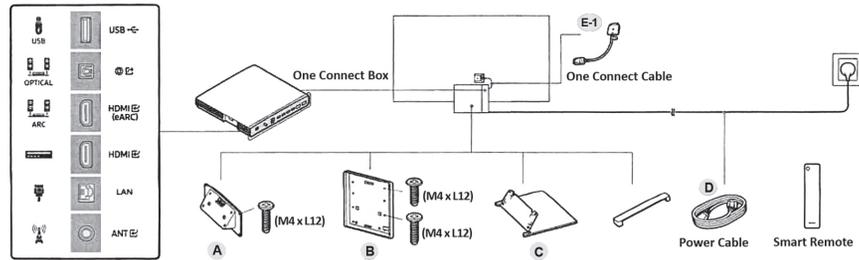
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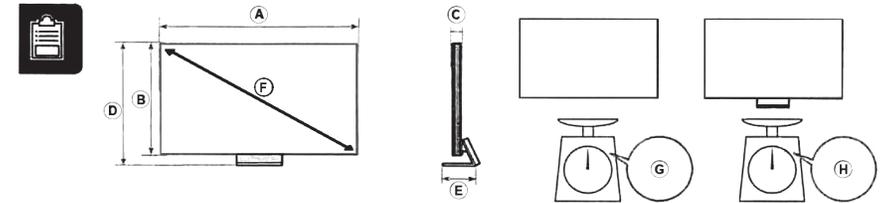
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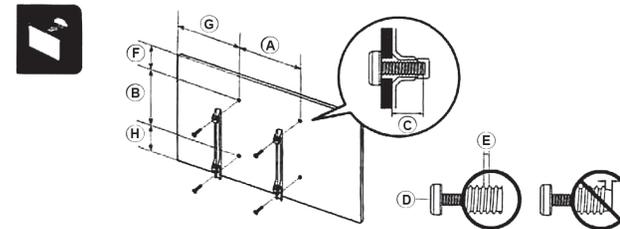


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	A	B	C	D	E	F	G	H
QN65QN8**A	56.8 inches (1443.7 mm)	32.6 inches (828.4 mm)	0.7 inches (16.9 mm)	35.3 inches (897.4 mm)	11.8 inches (300.6 mm)	64.5 inches	50.0 lbs (22.7 kg)	67.9 lbs (30.8 kg)
QN65QN9**A	56.4 inches (1433.1 mm)	32.3 inches (819.9 mm)	0.6 inches (15.2 mm)	35.1 inches (892.0 mm)	11.8 inches (300.5 mm)	64.5 inches	48.7 lbs (22.1 kg)	66.4 lbs (30.1 kg)

* : 0~9, A~Z



	VESA (A) x (B) (mm)	C (mm)	D x 4	E (mm)	F (inches)	G (inches)	H (inches)
QN65QN8**A	400 x 300	5-6	M8	1.25	8.6	20.2	11.9
QN65QN9**A					8.4	20.3	11.8

* : 0~9, A~Z

The image shown here is for illustrative purposes only and may be subject to change. The actual number of ports and their locations may vary depending on the model.

The cables mentioned in this guide is not supplied with your unit.

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