

Power

- Do not overload wall outlets, extension cords, or adaptors beyond their voltage and capacity. It may cause fire or electric shock. Refer to the power specifications section of the manual and/or the power supply label on the product for voltage and amperage information.
- Power-supply cords should be placed so that they are not likely to be walked on or pinched by items placed upon or against them. Pay particular attention to cords at the plug end, at wall outlets, and at the point where they exit from the appliance.
- Never insert anything metallic into the open parts of this apparatus. This may cause electric shock.
- To avoid electric shock, never touch the inside of this apparatus. Only a qualified technician should open this apparatus.
- Be sure to plug in the power cord until it is firmly seated. When unplugging the power cord from a wall outlet, always pull on the power cord's plug. Never unplug it by pulling on the power cord. Do not touch the power cord with wet hands.
- If this apparatus does not operate normally - in particular, if there are any unusual sounds or smells coming from it - unplug it immediately and contact an authorised dealer or Samsung service centre.
- To protect this apparatus from a lightning storm, or to leave it unattended and unused for a long time (especially when a kid, the elderly, or the disabled is left alone), be sure to unplug it from the wall outlet and disconnect the antenna or cable system.
 - Accumulated dust can cause an electric shock, an electric leakage, or a fire by causing the power cord to generate sparks and heat or by causing the insulation to deteriorate.
- Use only a properly grounded plug and wall outlet.
 - An improper ground may cause electric shock or equipment damage. (Class I Equipment only.)
- To turn off this apparatus completely, disconnect it from the wall outlet. To ensure you can unplug this apparatus quickly if necessary, make sure that the wall outlet and power plug are readily accessible.

Installation

- Do not place this apparatus near or over a radiator or heat register, or where it is exposed to direct sunlight.

- Do not place vessels (vases etc.) containing water on this apparatus, as this can result in a fire or electric shock.
- Do not expose this apparatus to rain or moisture.
- Be sure to contact an authorised Samsung service centre for information if you intend to install your TV in a location with heavy dust, high or low temperatures, high humidity, chemical substances, or where it will operate 24 hours a day such as in an airport, a train station, etc. Failure to do so may lead to serious damage to your TV.
- Do not expose this apparatus to dripping or splashing.

Mounting the TV on a wall:



If you mount this TV on a wall, follow the instructions exactly as set out by the manufacturer. If it is not correctly mounted, the TV may slide or fall and cause serious injury to a child or adult and serious damage to the TV.

- To order the Samsung wall mount kit, contact Samsung service centre.
- Samsung is not responsible for any damage to the product or injury to yourself or others if you choose to install the wall mount on your own.
- Samsung is not liable for product damage or personal injury when a non-VESA or non-specified wall mount is used or when the consumer fails to follow the product installation instructions.
- 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.
- When installing a wall mount kit, we recommend you fasten all four VESA screws.
- If you want to install a wall mount kit that attaches to the wall using two top screws only, be sure to use a Samsung wall mount kit that supports this type of installation. (You may not be able to purchase this type of wall mount kit, depending on the geographical area.)
- Standard dimensions for wall mount kits are shown in the table on the Quick setup guide.



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

- Do not use screws that are longer than the standard dimension or do not comply with the 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.
- Always have two people mount the TV onto a wall.
 - For 82 inch or larger models, have four people mount the TV onto a wall.

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 only. Using parts provided by another manufacturer may cause difficulties with the product or result in injury caused by the product falling.

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 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, referring to "Preventing the TV from falling".

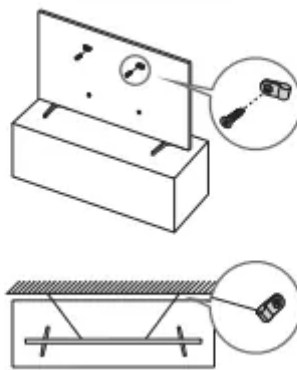


WARNING: Never place a television set in an unstable location. The television set may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- 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.
- When you have to relocate or lift the TV for replacement or cleaning, be sure not to pull out the stand.

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 "Standard Screw" 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.

Operation

- This apparatus uses batteries. In your community, there might be environmental regulations that require you to dispose of these batteries properly. Please contact your local authorities for disposal or recycling information.
- Store the accessories (remote control, batteries, or etc.) in a location safely out of the reach of children.
- Do not drop or strike the product. If the product is damaged, disconnect the power cord and contact a Samsung service centre.
- Do not dispose of remote control or batteries in a fire.
- Do not short-circuit, disassemble, or overheat the batteries.
- CAUTION: There is danger of an explosion if you replace the batteries used in the remote with the wrong type of battery. Replace only with the same or equivalent type.
- WARNING - TO PREVENT THE SPREAD OF FIRE, KEEP CANDLES AND OTHER

ITEMS WITH OPEN FLAMES AWAY FROM THIS PRODUCT AT ALL TIMES



Caring for the TV

- 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.
- 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.

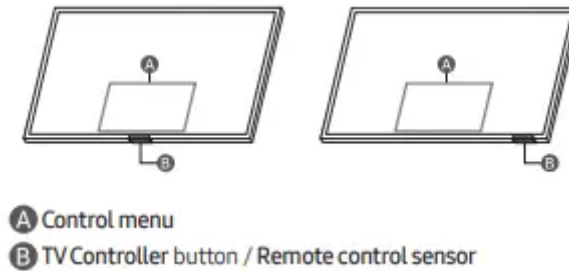
Initial Setup

- When you turn on your TV for the first time, it immediately starts the Initial Setup. Follow the instructions displayed on the screen and configure the TV's basic settings to suit your viewing environment.

Using the TV Controller

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 TV Controller button is pressed while the TV is On.

- The screen may dim if the protective film on the SAMSUNG logo or the bottom of the TV is not detached. Please remove the protective film.



Setting the sound sensor

- This function is supported only in Q7*A/Q8*A/ QN8*A/QN9*A Series.



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

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

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

Troubleshooting and Maintenance

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

- 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).

1. The TV won't turn on.

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

2. 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.
 - AU Series: If it does not blink, replace the remote control's batteries. Make sure that the batteries are installed with their poles (+/-) in the correct direction. Alkaline batteries are recommended for longer battery life.
 - Q Series: When the remote's battery is discharged, charge the battery using the USB charging port, or turn over the remote to expose the solar cell to light.
- Try pointing the remote directly at the TV from 1.5-1.8 m away. 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. To pair a Samsung Smart Remote, press the + buttons together for 10 seconds.

Eco Sensor and screen brightness

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

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

Picture Issues

When the TV has trouble with the picture, these steps may help resolve the problem.

Testing the picture: -> Settings -> Support -> Device Care -> Self Diagnosis -> Picture Test Try Now. Before you review the list of problems and solutions below, use Picture Test to determine if the problem is caused by the TV. Picture Test displays a high definition picture you can examine for flaws or faults.

1. Flickering and Dimming

If your TV is flickering or dimming sporadically, you may need to disable some of the energy efficiency features.

Disable Brightness Optimization, Brightness Reduction, Motion Lighting, or Contrast Enhancer

- -> Settings -> General -> Power and Energy Saving -> Brightness Optimization
- -> Settings -> General -> Power and Energy Saving -> Brightness Reduction
- -> Settings -> General -> Power and Energy Saving -> Motion Lighting
- -> Settings -> Picture -> Expert Settings -> Contrast Enhancer

Run Picture Test. When the tested image quality is normal, check the signal of the connected device.

- -> Settings -> Support -> Device Care -> Self Diagnosis -> Picture Test

2. Component Connections and Screen Color

- If the color on your TV screen is not correct or the black and white colors are off, run Picture Test. -> Settings -> Support -> Device Care -> Self Diagnosis -> Picture Test.
- If the test results indicate that the problem is not caused by the TV, do the following:
 - When using the One Connect Box, confirm that its video input connectors are connected to the correct external device video output connectors.
 - When using the component cable, confirm that the green (Y), blue (Pb), and red (Pr) jacks are plugged into their proper connectors.
 - For more information about how to connect an external device, run Connection Guide. -> Source -> Connection Guide

3. Screen Brightness

If the screen appears too dim, try changing the settings under Reset Picture or disabling Brightness Optimization.

- -> Settings -> Picture -> Expert Settings -> Reset Picture
- -> Settings -> General -> Power and Energy Saving -> Brightness Optimization

If the colors on your TV are correct but just a little too dark or bright, try adjusting the following settings first

- -> Settings -> Picture -> Expert Settings -> Brightness
- -> Settings -> Picture -> Expert Settings -> Contrast
- -> Settings -> Picture -> Expert Settings -> Sharpness
- -> Settings -> Picture -> Expert Settings -> Color
- -> Settings -> Picture -> Expert Settings -> Tint (G/R)

4. Blurring, or Juddering

If you notice blurring or juddering on the screen, use the Picture Clarity Settings function to resolve the issue.

- -> Settings -> Picture -> Expert Settings -> Picture Clarity Settings

5. Unwanted Powering Off

If your TV appears to turn off by itself, try disabling some of the TV's energy saving functions.

See if Sleep Timer has been enabled. The Sleep Timer automatically turns the TV off after a period of time.

- -> Settings -> General -> System Manager -> Time -> Sleep Timer

If the Sleep Timer has not been enabled, see if Auto Power Off or Off Timer has been enabled and disable it.

- -> Settings -> General -> Power and Energy Saving -> Auto Power Off
- -> Settings -> General -> System Manager -> Time -> Off Timer

6. Problems Powering On

- If you are having problems powering on your TV, there are a number of things to check before calling the service department.
- Confirm that the TV's power cord is connected correctly at both ends and that the remote control is operating normally.
- Make sure that the antenna cable or cable TV cable is firmly connected.
- If you have a cable box or satellite box, Confirm that it is plugged in and turned on.
- In case of a model that supports One Connect Box, check the One Invisible Connection or One Connect Cable between the TV and One Connect Box.

7. Unable to find a Channel

- If your TV is not connected to a cable box or satellite box, run Auto Tuning. -> Settings -> Broadcasting -> Auto Tuning
- When using a broadcast receiver such as set-top box and IPTV, check the connection to the TV. -> Source -> Connection Guide
- When the symptom persists, contact your service provider.

8. The TV image does not look as good as it did in the store

- Store displays are tuned to a digital UHD channel or HD channel.
- Change the output resolution of your devices, such as digital broadcast receiver, IPTV, and set-top box to UHD or HD.
- Be sure to use an HDMI cable to enjoy high quality videos. -> Source -> Connection Guide -> Video Device -> HDMI

- To connect the TV with your PC, make sure that your PC's graphic card supports UHD resolutions.
- For more information about the supported UHD resolutions, refer to "Supported Resolutions for UHD Input Signals."
- For more information about the supported 8K resolutions, refer to "Resolutions for Input Signals supported by QN8**A series or higher."
 - Make sure that the set-top box or cable box supports the content or broadcast for UHD and set the resolution. For more information, contact your service provider.
 - When using a Samsung TV Plus channel, check the network connection. When the network speed is slow, the app may not work or the image quality may be poor.

9. The picture is distorted

- The compression of video content may cause picture distortions, especially in fast moving pictures from sports programs and action movies.
- If the signal reception is weak or poor, screen distortion may be visible but it is not a malfunction.
- Mobile phones used close to the TV (within 3.2 ft) may cause noise on analog and digital channels.

10. The color is wrong or missing

- If you're using a Component connection, make sure that the Component cables are connected to the correct jacks.
- Incorrect or loose connections may cause colour problems or a blank screen.

11. The color is poor or the picture is not bright enough

Go to Picture and then adjust the Picture Mode, Brightness, Sharpness, and Colour settings.

- -> Settings -> Picture -> Picture Mode
- -> Settings -> Picture -> Expert Settings -> Brightness
- -> Settings -> Picture -> Expert Settings -> Sharpness
- -> Settings -> Picture -> Expert Settings -> Colour

See if Brightness Reduction has been enabled.

- -> Settings -> General -> Power and Energy Saving -> Brightness Reduction

Try resetting the picture.

- -> Settings -> Picture -> Expert Settings -> Reset Picture

12. There is a dotted line on the edge of the screen

- Change Picture Size to 16:9 Standard. -> Settings -> Picture -> Picture Size Settings
- Change the output resolution of your external device.

13. The picture is black and white

- Check whether Grayscale is set to On. -> Settings -> General -> Accessibility -> Grayscale

14. The picture won't display in full screen

- HD channels will have black bars on either side of the screen when displaying upscaled SD (4:3) content.
- Black bars will appear at the top and bottom of the screen when you watch movies that have aspect ratios different from your TV.
- Adjust the picture size options on your external device or set the TV to full screen. -> Settings -> Picture -> Picture Size Settings -> Picture Size

15. The Subtitle function in the TV menu is deactivated

- When an external device is connected with an HDMI or Component cable, the Subtitle function is unavailable. Adjust the caption setting on the external device.

16. Captions appear on the TV screen

- Turn off the Caption function in Subtitle Settings: -> Settings -> General -> Accessibility -> Subtitle Settings -> Subtitle

17. The HDR of the connected external device turns off

- Expand the reception range of the corresponding HDMI input signal in Input Signal Plus. -> Settings -> General -> External Device Manager -> Input Signal Plus

18. The TV remains on or does not turn on automatically.

- If the surrounding area is too dark or bright, the motion sensor may not work normally. The performance of the motion sensor may be affected by the installation environment (height, tilt, obstacles). If the clothes you wear or your skin color is similar to the surrounding shading, the motion sensor may not work properly. Motion Sensor may not be supported depending on the model or geographical area.
- The TV responds to all visual changes around it (lights, displays, dogs, out-of-window changes and other occurrences). You can adjust the response level by adjusting the sensitivity of the motion detector. -> Art -> Settings -> Motion Detector. Motion Detector may not be supported depending on the model or geographical area

If the test picture does not appear or there is noise or distortion, the TV may have a problem. Contact Samsung's Call Center for assistance.

If the test picture is displayed properly, there may be a problem with an external device. Please check the connections.

If the problem persists, check the Signal Information or refer to the external device's user manual.

Sound and Noise Issues

Testing the sound

-> Settings -> Support -> Device Care -> Self Diagnosis -> Sound Test. If the TV plays the Sound Test melody without distortion, there may be a problem with an external device or the broadcast signal's strength.

1. How can I connect an audio device to the TV?

- The connection method may differ depending on the audio device such as HDMI (eARC), Optical, Bluetooth and Wi-Fi.
- For more information about how to connect an audio device, run Connection Guide. -> Source -> Connection Guide -> Audio Device

2. There is no sound or the sound is too low at maximum volume

- Check the volume control of your TV, and then check the volume control of the external device (cable box or satellite box, DVD, Blu-ray, etc.) connected to your TV.
- Check the cable connection between an external device and the TV and then try cable connection again.

3. The picture is good but there is no sound.

- Set Sound Output to TV Speaker. -> Settings -> Sound -> Sound Output
- If you are using an external device, check the device's audio output option.
- For example, you may need to change your cable box's audio option to HDMI if the box connected to your TV is using an HDMI cable.
- To listen to computer sound, connect an external speaker to the computer's audio output connector.
- If your TV has a headphone jack, make sure there is nothing plugged into it.
- Reboot the connected device by disconnecting and then reconnecting the device's power cable.
- With a set-top box or cable box, check the cable connection and reboot the external device. When the symptom persists, contact your service provider.

4. No sound is heard.

- Check whether Digital Output Audio Format is set to Pass-Through.
- If you select the Pass-Through option to use an AV receiver that does not support Dolby Digital+, no sound is output with Dolby Digital+ content.

- It is recommended to set Digital Output Audio Format to Auto when the connected receiver supports only the limited audio formats. -> Settings -> Sound -> Expert Settings -> Digital Output Audio Format -> Auto

5. The speakers are making an odd sound.

- Run Sound Test. -> Settings -> Support -> Device Care -> Self Diagnosis -> Sound Test
- Make sure that the audio cable is connected to the correct audio output connector on the external device.
- For antenna or cable connections, check the Signal Information. A low signal level may cause sound distortions. -> Settings -> Support -> Device Care -> Self Diagnosis -> Signal Information

6. The sound is interrupted.

- The sound may frequently be interrupted when a Bluetooth speaker is used. Make sure that the Bluetooth speaker and the wireless access point are on a straight line, and the Bluetooth speaker is placed as close as possible to the TV.
- To minimise interruptions, we recommend a wireless access point that uses a 5 GHz frequency. 5 GHz may not be available depending on the model.
- When the symptom persists, it is recommended to use wired connection such as HDMI (eARC) and Optical.

7. Whenever a function is used on the TV or the channel is changed, the TV voices the activity. The TV explains in voice-over the video scenes displayed on the screen.

- Turn off the Voice Guide function in Voice Guide Settings. -> Settings -> General -> Accessibility -> Voice Guide Settings -> Voice Guide

8. The TV audio is not being played through the AV receiver.

Check the A/V receiver's power supply and its settings.

- When connecting the optical cable between the TV and A/V receiver, make sure that the sound output is set Optical on your TV.
- In case of HDMI-eARC connection, make sure that it is connected to the eARC dedicated HDMI port on your TV. However, the eARC can be used only when the A/V receiver supports the eARC feature.

9. The sound is not heard clearly.

- Change to an appropriate sound mode. -> Settings -> Sound -> Sound Mode
- When Intelligent Mode and Adaptive Sound+ are turned on, the sound effects are automatically adjusted to the surroundings. -> Settings -> General -> Intelligent Mode Settings -> Intelligent Mode. This function may not be supported depending on the model.

- To optimize the sound depending on the surroundings, select Adaptive Sound+. -> Settings -> General -> Intelligent Mode Settings -> Adaptive Sound+. This function may not be supported depending on the model.

10. The volume of the external device cannot be adjusted.

- Check the cable connection between the TV and the external device.
- When connecting an external speaker such as home theatre via HDMI, make sure it is connected to the HDMI (eARC) port on the TV. Make sure that the -> Settings -> General -> External Device Manager -> Anynet+ (HDMI-CEC) is active on your TV.

11. I want to turn off and on the TV and audio device at the same time.

- When you connect the Samsung Soundbar to the TV via Bluetooth, the power turns off and on together. It may not be supported depending on the Samsung Soundbar model.
- When you connect an audio device that supports HDMI eARC to the HDMI (eARC) port on the TV, the power turns off and on together.

Channel and Broadcast Issues

When the TV has difficulties receiving broadcasts, these steps may help resolve the problem.

1. "Weak or No Signal" displayed in TV mode or cannot find channel.

- Make sure that the external device is connected securely and turned on. Move to Sources to switch to other input sources. -> Source -> Sources
- When using a set-top box or cable box, check the broadcast signals or the network that is connected to the external device.

2. The TV is not receiving all channels.

- Confirm that the coaxial cable is securely connected to the TV.
- Run Reset or Auto Tuning.
 - -> Settings -> General -> Reset.
 - -> Settings -> Broadcasting -> (Auto Tuning Settings) -> Auto Tuning

The Auto Tuning Settings may not appear depending on the model or geographical area.

3. The subtitles are not provided on a digital channel

- When watching channels with the antenna cable connected, run subtitles Settings. -> Settings -> General -> Accessibility -> subtitles Settings
- Some channels may not have caption data.
- When watching a channel on an external device such as a set-top box and cable box, turn on the caption function on the device. For more information, contact your service provider.

4. Broadcasting is deactivated.

- Broadcasting is only available when Source is set to TV.
- Broadcasting cannot be accessed while you watch TV using a cable box or satellite box.
- Broadcasting cannot be accessed while a recording is in progress or the Timeshift function is running.

External Device Connectivity Issues

When the TV has difficulties connecting to external devices such as a PC, game console, or mobile device, these steps may help resolve the problem.

1. The "Mode Not Supported" message appears.

- Adjust the output resolution of the external device to a resolution supported by the TV.

2. The video is OK but there is no audio.

- If you are using an HDMI connection, check the audio output setting on your PC.
- If you are using a DVI to HDMI cable, a separate audio cable is required.
- To listen to the computer sound, connect external speakers to the audio output connection of the computer.

3. I want to connect to a PC and mobile device via screen mirroring.

- To wirelessly connect the TV to your PC, read the instructions at PC Screen Sharing (Wireless) in Connection Guide, and then try to connect. -> Source -> Connection Guide -> PC -> Screen Sharing (Wireless)
- Confirm that the TV and your PC are connected to the same network.
- To wirelessly connect the TV to your mobile device, read the instructions at Smartphone Screen Sharing (Smart View) in Connection Guide, and then try to connect. -> Source -> Connection Guide -> Smartphone Screen Sharing (Smart View)
- If the TV has difficulties connecting to your PC or mobile device due to surrounding radio interference, change the frequency of the wireless access band, and then try to connect.

4. No screen appears when connecting the TV to an external device.

- For more information about how to connect an external device, run Connection Guide. -> Source -> Connection Guide
- Make sure that the external device is connected securely and turned on. Move to Sources to switch to other input sources. -> Source -> Sources
- Using HDMI Troubleshooting, you can check the connection to HDMI cable and external devices (takes approximately 2 minutes). -> Source -> Connection Guide -> Video Device -> HDMI Troubleshooting

- When using a set-top box or cable box, check the broadcast signals or the network that is connected to the external device.

5. I want to connect to a Bluetooth speaker.

- For more information on how to connect a Bluetooth speaker, see Audio Device Bluetooth in Connection Guide. -> Source -> Connection Guide -> Audio Device -> Bluetooth

6. The PC screen does not appear or it flickers.

- When the PC screen does not appear or the PC is not recognised, check the power supply of the PC and then reconnect the HDMI cable between the PC and TV. When the symptom persists, check that the PC is in Sleep mode, and then set Input Signal Plus to On.
- -> Settings -> General -> External Device Manager-> Input Signal Plus. When the set resolution is not matched, it may cause a blank or flickering screen. For the PC supported resolution, see 'Read Before Connecting a Computer (Supported Resolutions).

Network Issues

When the TV has difficulties connecting to the Internet, these steps may help resolve the problem.

-> Settings -> Support -> Device Care -> Self Diagnosis -> Smart Hub Connection Test (Try Now) Try Now

If the TV has trouble with network connection or TV services, check the Smart Hub connection status.

1. Wireless network connection failed. Unable to connect to a wireless access point.

- Make sure that no items that can generate electromagnetic interferences are placed between the TV and the wireless/wired access point.
- Check if the access point is turned on. If it is on, turn it off, wait 1 or 2 minutes, and then turn it on.
- Enter the correct password if required.
- If the wireless connection fails, connect the TV to the access point via a LAN cable.
- If the TV can connect to the Internet normally via the wired connection, there might be a problem with the access point. In this case, try using a different access point.

2. Wired network connection failed.

- Check if the LAN cable is plugged in on both ends. If it is plugged in, check if the access point is turned on. If it is on, turn it off, wait 1 or 2 minutes, and then turn it on.

3. Auto IP configuration failed. Unable to connect to the network.

- Check if the LAN cable is plugged in on both ends.
- If it is plugged in, check if the access point is turned on. If the access point is on, turn it off, wait 1 or 2 minutes, and then turn it on.
- Disconnect and then reconnect the power cable of the TV, or press and hold the power button for 3 seconds.

4. Connected to a local network, but not to the Internet.

1. Check if the Internet LAN cable is connected to the access point's external LAN port.
2. Check the DNS setting in IP Settings. – -> Settings -> General -> Network -> Network Status -> IP Settings

5. Network setup is completed, but unable to connect to the Internet.

- If the problem persists, contact your Internet service provider.

Anynet+ (HDMI-CEC) Issues

When Anynet+ (HDMI-CEC) isn't working, these steps may help resolve the problem.

1. What is Anynet+?

- You can use the TV's remote control to control external devices that support Anynet+ (HDMI-CEC) and that are connected to the TV via an HDMI cable. For example, if a connected external device supports Anynet+, you can have the connected device turn on or off when you turn the TV on or off.

2. Anynet+ does not work.

- Confirm that the device is an Anynet+ device. The Anynet+ system supports Anynet+ devices only.
- Check if the power cord of the Anynet+ device is properly connected.
- Check the cable connections of the Anynet+ device.
- Go to Anynet+ (HDMI-CEC) and see if Anynet+ (HDMI-CEC) has been set to On. -> Settings -> General -> External Device Manager -> Anynet+ (HDMI-CEC)
- Anynet+ may not function when some other functions are active, including Channel Search, Smart Hub, Initial Setup, etc.
- If you have disconnected and then reconnected the HDMI cable, scan for devices again or turn your TV off and on.

3. I want to start Anynet+. I also want the connected devices to turn on when the TV is turned on.

- Move the focus to the Anynet+ device at -> Source, press the up directional button to move to Anynet+ (HDMI-CEC), and then press the Select button.

- Check if the Anynet+ device is properly connected to the TV, and then select Anynet+ (HDMI-CEC) menu to see if Anynet+ (HDMI-CEC) is set to On. -> Settings -> General -> External Device -> Manager Anynet+ (HDMI-CEC)

4. I want to exit Anynet+. It is inconvenient to turn on other devices because the TV also turns on. It is inconvenient because the connected devices (e.g. set-top box) turn off together.

- To turn off the Anynet+ function of a device connected to the TV, turn off the Anynet+ (HDMI-CEC) function of the device. -> Settings -> General -> External Device Manager -> Anynet+ (HDMI-CEC)
- When Anynet+ (HDMI-CEC) is turned off, the sound bar connected via the HDMI (eARC) port does not turn off and on together with the TV. To prevent a specific device connected to the TV from turning off automatically, turn off the HDMI-CEC function on a specific device connected to the TV.

5. The message "Connecting to Anynet+ device..." or "Disconnecting from Anynet+ device" appears on the screen.

- You cannot use the remote control when the TV is configuring Anynet+ or switching to the TV viewing screen.
- Use the remote control after the TV has completed the Anynet+ configuring or has switched to the TV viewing screen.

6. The Anynet+ device won't play.

- You cannot use the play function when Reset is in progress.

7. The connected device is not displayed.

- Check whether the device supports Anynet+.
- Anynet+ devices must be connected to the TV using an HDMI cable. Make sure the device is connected to your TV with an HDMI cable. Some HDMI cables may not support Anynet+.
- Check whether the HDMI cable is properly connected.
- Go to Anynet+ (HDMI-CEC) and see if Anynet+ (HDMI-CEC) has been set to On. -> Settings -> General -> External Device Manager -> Anynet+ (HDMI-CEC)
- Scan for Anynet+ devices again.
- If the connection is terminated because there has been a power failure or the HDMI cable has been disconnected, please scan for the device again.

Remote Control Issues

When the remote control isn't working, these steps may help resolve the problem

1. The remote control does not work.

- The connection between the remote control and the TV may be lost.
- Point the Samsung Smart Remote at the front of the TV, and then press and hold the and buttons simultaneously for 3 seconds or more. Pairing is not available in AU7/BEA series. (Except for AU7700 model.)
- Also, if the remote control does not work properly or its response is very slow, the battery might be low or dead.
 - Charge the remote control by using the solar cell or the USB port(C-type) on the bottom. You can check remaining battery of Samsung Smart Remote with solar cell in -> Settings -> General -> Power and Energy Saving -> Available Remote Battery.
 - If the remote control has batteries, replace them with new ones.

2. External devices cannot be operated with the TV remote control.

- Check the cable connection between the TV and external devices.
- When the symptom persists, set it manually in -> Source -> Universal Remote

Recording Issues

When Timeshift or Schedule recording aren't working, these steps may help resolve the problem

1. The Timeshift or recording function cannot be used.

- Check if there is a storage device connected to the TV.
- Recording will automatically stop if the signal becomes too weak.
- Check the free space on the storage device.
- The function will not work if there isn't enough storage space on the USB device.
- Before using the recording function, be sure to read all precautions. For more information, refer to "Before Using the Recording and Timeshift Functions."

2. Cannot record videos received from an external device or Samsung TV Plus

- The recording function is only available for digital broadcast channels received by the TV. You cannot record videos received from an external device or Samsung TV Plus.

3. The "Format Device" message appears when the Timeshift or recording function is used.

- To use the recording function, the storage device connected to the TV must have been already formatted.
- Formatting the storage device deletes all data from it, and the storage device is formatted in NTFS.

4. The recorded files on the TV are not played back on a PC.

- The recorded files on the TV can only be played back on the same TV. Those video files cannot be played back on a PC or other TV

Apps

When apps aren't working, these steps may help resolve the problem.

1. I launched an app, but it's in a different language. How can I change the language?

- Languages supported by an app may be different from the TV Language set in the menu.
- The ability to change the language depends on the app's provider.

2. The app does not work properly. Its image quality is poor.

- Check the network connection. When the network speed is slow, the app may not work or its image quality may be poor.
- The services of your application are not provided by the TV but by the application service provider.
- Refer to the Help section on the application service provider's website.

3. The Smart Hub home screen keeps appearing whenever you turn on the TV.

- Turn off the Autorun Smart Hub function in Smart Features. -> Settings -> General -> Smart Features -> Autorun Smart Hub

Media Files

When files don't play, this may help resolve the problem

1. Some files are interrupted during playback.

- This problem may occur with unsupported files or high-bitrate files. Most files can be played back, but some file may not play smoothly.

2. Some files can't be played.

- Some files that use an unsupported codec may not be played back.
- Make sure that the codec is supported by the TV. For more information, refer to "Read Before Playing Photo, Video, or Music Files."

Voice Assistant Issues

When the Voice Assistant isn't working, these steps may help resolve the problem.

- This function may not be supported depending on the model or geographical area.
- The Voice Wake-up function may not be supported depending on the model, Voice Assistant or geographical area

1. The voice commands do not work well. Voice commands may differ depending on the Voice Assistant. Refer to the command examples for each Voice Assistant.

- Bixby -> Explore Now
- Amazon Alexa: -> Settings -> General -> Voice -> Amazon Alexa Settings
- Google Assistant: -> Settings -> General -> Voice -> Google Assistant Settings

2. Bixby or Alexa answers automatically. The TV may recognise an ambient noise or everyday conversation as a call to Voice Assistant. Turn off the Voice Wake-up function or set the Wake-up Sensitivity to Low.

- -> Explore Now -> Settings -> Voice Wake-up

3. I spoke "Hi, Bixby" but Bixby does not answer. I spoke "Alexa" but Amazon Alexa does not answer.

- When the TV is far from you or the ambient noise is so loud, the TV may be unable to recognise your voice.
 - When the distance to the TV is within 3 to 4 m, optimal performance is provided. Please look at your TV screen and speak.
- Turn on the Voice Wake-up function. -> Explore Now -> Settings -> Voice Wake-up

4. Voice recognition does not work with the Samsung Smart Remote unlike other features. There is no response even if the Voice Assistant button is pressed.

- The connection between the remote control and the TV may be lost. Try pairing the remote control with the TV.
- Point the Samsung Smart Remote at the front of the TV, and then press and hold the and buttons simultaneously for 3 seconds or more.
- Also, if the remote control does not work properly or its response is very slow, the battery might be low or dead. Charge the remote control by using the solar cell or the USB port(C-type) on the bottom. You can check remaining battery of Samsung Smart Remote with solar cell in -> Settings -> General -> Power and Energy Saving -> Available Remote Battery. If the remote control has batteries, replace them with new ones.

5. During voice recognition, the heavy load message appears and the function does not work.

- Unplug and then plug the TV power cable and then try again after 1 minute and 30 seconds. It may take a while if the voice recognition server is being inspected.

6. I want to see weather information of the desired area.

- Say with the area name included.

Other issues

Use these procedures to resolve other issues that may occur in relation to the product.

1. The TV is hot.

- Watching TV for an extended period of time causes the panel to generate heat.
- The heat from the panel is dissipated through internal vents running along the top of the TV.
- The bottom, however, may feel hot to the touch after extended use.
- Children watching TV need constant adult supervision to prevent them from touching the TV.
- This heat, however, is not a defect and does not affect the TV's functionality.

2. The TV smells like plastic.

- This smell is normal and will dissipate over time.

3. The settings are lost after 5 minutes or every time the TV is turned off.

- If Usage Mode is set to Retail Mode, the TV's audio and video settings are automatically reset every 5 minutes.
- Change Usage Mode to Home Mode. -> Settings -> General -> System Manager -> Usage Mode

4. The TV is tilted to the side.

- Remove the base stand from the TV and reassemble it.

5. The stand is wobbly or crooked.

- Refer to the Quick Setup Guide and make sure that the stand is assembled correctly.

6. A POP (TV's internal banner ad) appears on the screen.

- Change Usage Mode to Home Mode. -> Settings -> General -> System Manager -> Usage Mode

7. The TV is making a popping noise.

- The expansion and contraction of the TV's outer casing may cause a popping noise.
- This does not indicate a product malfunction.
- The TV is safe to use.

8. The TV is making a humming noise.

- Your TV utilizes high-speed switching circuits and high levels of electrical current. Depending on the TV's brightness level, the TV may seem slightly noisier than a conventional TV.
- Your TV has undergone strict quality control procedures that meet our demanding performance and reliability requirements.

- Some noise coming from the TV is considered normal and is not an acceptable cause for an exchange or refund.

9. The software update over the Internet has failed.

- Check the network connection status. -> Settings -> General -> Network -> Network Status
- If the TV is not connected to a network, connect it to a network.
- The upgrade stops if you already have the latest software version.

10. The TV narrates the screen events in voice-over.

- To turn off Voice Guide, move the focus from Accessibility Shortcuts to Voice Guide and then press the Select button. You can turn on or off Voice Guide. To run Accessibility Shortcuts, see the following:
 - Press and hold the +/- (Volume) button on your Samsung Smart Remote or Remote Control.

Diagnosing TV operational issues

You can diagnose issues with your TV and Smart Hub and run reset functions.

-> Settings -> Support -> Device Care -> Self Diagnosis (Try Now)

You can use the Picture Test to help diagnose video issues and the Sound Test to diagnose sound issues. You can also view signal strength information for over-the-air digital signals, test the Smart Hub Internet connection, and run the Smart Hub and TV factory reset functions.

- Video Test
- Picture Test
- Sound Test
- HDMI Troubleshooting
- Signal Information
- Smart Hub Connection Test
- Reset Smart Hub

1. Cannot select Signal Information in Self Diagnosis.

- Verify that the current channel is a digital channel.
- Signal Information is only available for digital channels. -> Settings -> Support -> Device Care -> Self Diagnosis -> Signal Information

2. Reset Smart Hub

- Resets all Smart Hub settings to their factory defaults and deletes all information related to Samsung accounts, linked service accounts, Smart Hub service agreements, and Smart Hub applications.
 - -> Settings -> Support -> Device Care -> Self Diagnosis -> Reset Smart Hub

3. Reset picture

- Resets current picture settings to the default settings. -> Settings -> Picture -> Expert Settings -> Reset Picture

4. Reset sound

- Resets current sound settings to the default settings. -> Settings -> Sound -> Expert Settings -> Reset Sound

Getting Support

Get help directly from Samsung if you have a problem with your TV.

Getting support through Remote Management

- -> Settings -> Support -> Remote Management Try Now
- After consenting to our service agreement, you can use Remote Management to access Remote Support and have a Samsung service technician diagnose your TV, correct problems and update your TV's software remotely via the web. You can also turn Remote Management on and off. This function requires an Internet connection.

Finding the contact information for service

- -> Settings -> Support -> About TV Try Now
- You can view the address of the Samsung website, the call centre phone number, your TV's model number, your TV's software version, Open Source License and other information you may need to get service support from a Samsung call agent or the Samsung website.
 - You can also view information by scanning the QR code of your TV.
 - You can also start this function by pressing and holding the button for 5 or

more seconds. For the Standard Remote Control, press and hold the (Play) button for 5 or more seconds. Continue holding the button until the customer information pop-up window appears.

Requesting service

- -> Settings -> Support -> Device Care -> Request Support Try Now

- You can request service when you encounter a problem with the TV. Select the item matching the problem that you encountered, enter the required item, move the focus to Next, and then press the Select button. Select Request Now -> Send or Schedule Appointment -> Request -> Send. Your service request will be registered. The Samsung Contact Centre will contact you to set up or confirm your service appointment.
 - You must agree to the terms and conditions for the service request.
 - This function may not be supported depending on the geographical area.
 - This function requires an Internet connection.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.