Before Reading This User Manual


Warning! Important Safety Instructions

Please read the Safety Instructions before using your TV. Refer to the table below for an explanation of symbols which may be on your Samsung product.

Power

• Do not overload wall outlets, extension cords, or adapters beyond their voltage and capacity. It may cause fire or electric shock.

• Do not install any power supply into the TV. Refer to the power specifications section of the manual or the power supply label on the product for voltage and ampereage information.

• Power-supply cords should be unplugged 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 only if it is firmly seated. When unplugging the power cord from a wall outlet, always pull on the power cord, not the plug. 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 authorized dealer or Samsung service center.

• To protect this apparatus from a lightning storm, or to leave it unattended and unused for a long time, 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 by causing the insulation to deteriorate.

• Use only properly grounded plug and wall outlet.

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

• To turn off this apparatus completely, disconnect it from the wall outlet. Should you notice this apparatus operating abnormally, stop using it immediately and consult your nearest dealer or Samsung service center.

• This apparatus must be grounded. The one exception is that if you follow all the precautions described in this user manual for further safety related information.

CAUTION

RISK OF ELECTRIC SHOCK. DO NOT OPEN.

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

This symbol indicates that high voltages is present inside. It is dangerous to make any kind of contact with any internal part of this product.

This symbol indicates that the product has included important literature concerning operation and maintenance.

Class of product: This symbol indicates that a safety connection to earth is required. If this symbol is not present on a product with a power cord, the product must have a reliable connection to protective earth (ground).

AC voltage: Rated voltage marked with this symbol is AC voltage.

DC voltage: Rated voltage marked with this symbol is DC voltage.

Caution: Consult instructions for use: This symbol indicates the user must consult the user manual for further safety related information.
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, 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 center.
• 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 or the remote control with the wrong type of battery. Replace only with the same or equivalent type.

WARNING: TO PREVENT THE SPREAD OF FIRE, KEEP CANS AND OTHER ITEMS WITH OPEN FLAMES AWAY FROM THIS PRODUCT AT ALL TIMES.

Caring for the TV
To keep your TV in optimum condition, upgrade to the latest software. Use the Samsung TV App to update the software. If the TV cannot connect to the network automatically, follow these steps to update:

1. Press the Menu button on the remote.
2. Select System > Software Update: Auto Update, and then select Update Now.

Connecting the camera to the product (QN95C/S95C/QN800C Series only)
When the camera is connected, you can use the camera as a home workout, and other new features with the camera.

Resolution 3840 x 2160, 30 fps (HDMI)
Automatic lighting correction YES
Viewing angle 175°

03 Troubleshooting and Maintenance
Troubleshooting
For more information, refer to “Troubleshooting” in the Manual. To connect a new model, refer to the Unpacking and Installation Guide. If none of the troubleshooting tips apply, please visit www.samsung.com and click Support or contact the Samsung service center.

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.

Internet security
Samsung takes a number of steps to protect its Internet-compatible Smart TVs against unauthorized intrusions and hacking. For example, certain sensitive communications between the TV and the Internet servers are encrypted. In addition, the TV's operating system has adopted controls to prevent the installation of unauthorized applications.

Although we take steps to protect your Smart TV and personal information, no Internet-connected device or transmission is completely secure. We therefore encourage you to take additional steps to safeguard your TV, your secure Internet connection, and minimize the risk of unauthorized access. These steps are listed below:
• When using a LAN cable to connect the TV, a computer, or other device to the Internet, use a CAT 7 (*STP type) cable for best results.
• When using wireless networking, make sure the TV Controller button is pressed while the TV is on.
• The position and shape of the buttons at the bottom of the TV may differ depending on the model.
• The screen may dim if the protective film on the SAMSUNG logo at the bottom of the TV is not removed. If protective film is attached, remove the film.

01 Connecting the TV to the One Connect Box
For more information about how to connect to the One Connect Box, refer to Unpacking and Installation Guide.

02 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 or off the TV using 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.

How to turn on and off the microphone
You can turn on and off the microphone by using the switch at the bottom of the TV. If you turn on microphone, it will be off. The microphone icon, audio and sound features using microphone are not available. This function is supported only in QN8**C/QN9**C/Q7*C/ S90CA Series.

How to turn your TV on and off
You can turn your TV on or off by pressing the Power button on the remote.

04 Specifications and Other Information
Specifications
Display/Resolution QN8**C/QN9**C/Q7*C/S90CA Series: 3840 x 1200 Other models, 3840 x 2160
Sound (Output) CULX/CULY/QN8**C/QN9**C/QN90CQ: 20 W QN95C/S95C/QN800C Series: 70 W QN90CA Series: 40 W, QN90CD Series: 60 W BN80C/BN90C/BN95C: 70 W BN90CA Series: 40 W, BN90CD Series: 60 W BN90CQ/BN90CQ/BN90CQ: 90 W Operating Temperature 0°C to 35°C (*4°C to 40°C) Operating Humidity 10% to 80% (non-condensing) Storage Temperature -4°C to +55°C (*-4°C to 40°C) Storage Humidity 5% to 95% (non-condensing)
Notes
• This device is Class II 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.
• Over most models, the label is attached to the back of the TV. (In some models, the label is inside the cover terminal.)
• Do One Connect Box models, the label is attached to the bottom of the One Connect Box.
• To connect a LAN cable, use a CAT 7 (STP) cable for the connection. (1000Base-T)
• This product is certified under the voluntary labeling program for energy efficiency administered by the federal communications commission.

Decompressing power consumption
When you shut the TV off, it enters Standby mode. In Standby mode, it continues to draw a small amount of power. To decrease power consumption, unplug the power cord when you don’t intend to use the TV for a long time.

Licenses
Dolby Audio
Quick Set
HEVC Advance
The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.

The images and specifications of the Unpacking and Installation Guide may differ from the actual product.