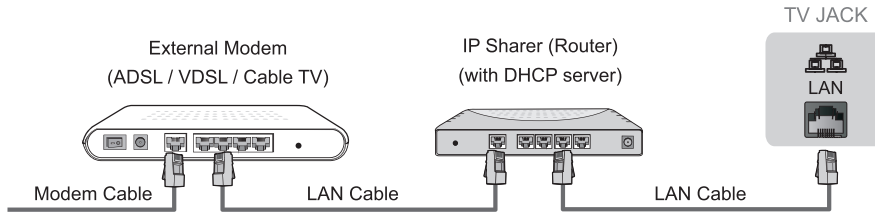# STEP 3. Establish a network connection

1. Press the **[▤]** button on the remote control, press **[∨]** button to select **Settings** and then press **[OK]** to enter the Settings menu.
2. Select **Network → Network Configuration.**

External Modem
(ADSL / VDSL / Cable TV)

IP Sharer (Router)
(with DHCP server)

TV JACK

LAN

Modem Cable   LAN Cable   LAN Cable

Establish a wired network connection

Automatically obtain an IP address

1. Select **Ethernet**. The TV will automatically obtain an IP address and connect to the network.
   NOTE: The default option of IP Settings Mode is DHCP.
2. If the connection fails then "**Disconnected**" will display for the Ethernet status. Retry or enter the **IP Settings**, select **Manual** to input the information again.

Manually enter the IP address

1. Select **Manual.**
2. Enter the IP Address, Netmask, Gateway, DNS Server 1 and DNS Server 2 in the menu. Next, select **Save.**

Establish a wireless network connection

Wireless router with DHCP

Wireless LAN Adapter
built-in TV set

LAN Cable

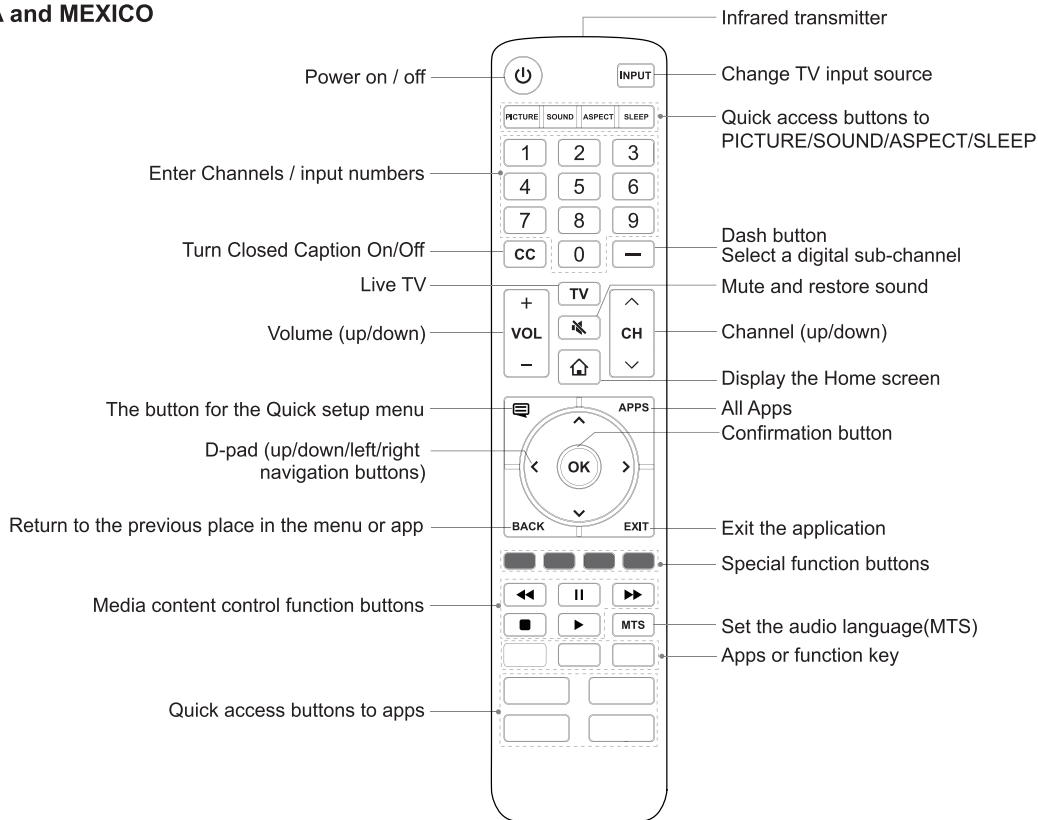The TV can directly receive network signals via wireless router.
1. Select **Wireless**. The list of networks will be displayed automatically.
2. Select a wireless network from the list, input the password and select **Connect.**
3. If the network connection does not appear in the list, select **Refresh** to refresh the list or select **Add** to manually enter SSID and Security mode selection.

Close the network connection

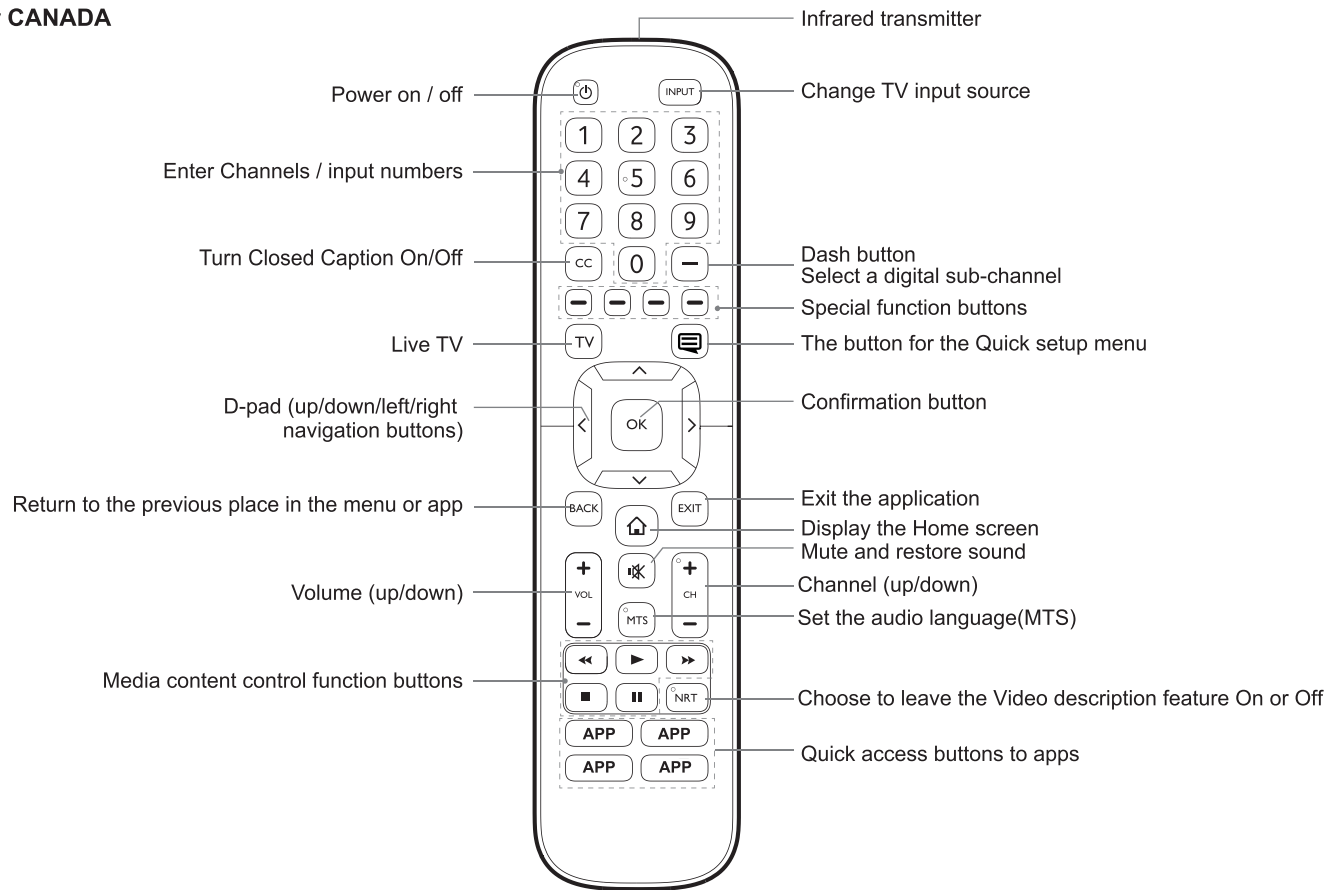Select **Off**. The network connection will close.

Buttons on your TV remote

Just for USA and MEXICO

Infrared transmitter

Power on / off

Change TV input source

Quick access buttons to
PICTURE/SOUND/ASPECT/SLEEP

Enter Channels / input numbers

Turn Closed Caption On/Off

Dash button
Select a digital sub-channel

Live TV

Mute and restore sound

Volume (up/down)

Channel (up/down)

Display the Home screen

The button for the Quick setup menu

All Apps

Confirmation button

D-pad (up/down/left/right
navigation buttons)

Return to the previous place in the menu or app

Exit the application

Special function buttons

Media content control function buttons

Set the audio language(MTS)

Apps or function key

Quick access buttons to apps

CAUTION: The included remote control will vary depending on model, country and date of manufacture.

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Just for CANADA

Infrared transmitter

Power on / off

Change TV input source

Enter Channels / input numbers

Turn Closed Caption On/Off

Dash button
Select a digital sub-channel

Special function buttons

Live TV

The button for the Quick setup menu

D-pad (up/down/left/right navigation buttons)

Confirmation button

Return to the previous place in the menu or app

Exit the application

Display the Home screen

Mute and restore sound

Volume (up/down)

Channel (up/down)

Set the audio language(MTS)

Media content control function buttons

Choose to leave the Video description feature On or Off

Quick access buttons to apps

STEP 4. Begin using your remote

1. Slide the back cover to open the battery compartment of the remote control.
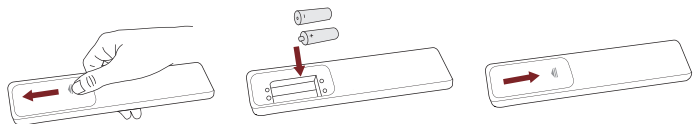
Gently push and slide   Insert the batteries   Gently push and slide

2. Insert two AAA size batteries. Make sure to match the (+) and (-) ends of the batteries with the (+) and (-) ends indicated in the battery compartment.
3. Replace the battery compartment cover.

Important Information about the remote and batteries

- **Discard batteries in a designated disposal area. Do not throw them into a fire.**
- **Remove old batteries immediately to prevent them from leaking into the battery compartment.**
- **If you do not intend to use the remote control for a long time, then remove the batteries.**
- **Battery chemicals can cause a rash. If the batteries leak, clean the battery compartment with a cloth. If chemicals touch your skin then wash it immediately.**
- **Do not mix old and new batteries.**
- **Do not mix alkaline, standard (carbon-zinc) or rechargeable (NiCd, NiMH, etc.) batteries.**

- **Do not continue using the remote if it gets warm or hot. Call our Support Center immediately on the support website.**

Remote Control Range Information

- The remote control can work at a distance of up to 26 feet in front of the TV set.
- It can work at a 30 degree horizontal or vertical angle.

Program Your Universal Cable or Satellite Remote Control to Operate Your New Television (only for USA)

If you would like to program your other household remote controls to your new television, please refer to the User Manual supplied by your Cable or Satellite provider. It should include instructions on how to program their remote to your television.
A list of codes for the most common Cable and Satellite providers are listed below. Use the code that is associated with your Cable or Satellite provider (if applicable).
DIRECTV......0178, 10178, 10019, 10748, 11314, 11660, 11710, 11780, 12049, 10171, 11204, 11326, 11517, 11564, 11641, 11963, 12002, 12183
Time Warner Cable......386, 0178, 10178, 400, 450, 461, 456, 0748, 1463, 0463, 10463

Comcast......0178, 10178, 10463, 11463, 10748, 11314, 11660, 10171, 11204, 11326, 11517, 11641, 11780, 11785, 11892, 11963, 12002
Cox Communications......0178, 10178, 1326, 1463
Dish Network......505, 627, 538, 720, 659
If the code associated with your Cable or Satellite provider is not listed, does not work or you cannot locate the instructions to program your remote, call your local Cable or Satellite provider's customer service center.
If your Cable or Satellite provider does not have a code available, please contact us at one of the phone numbers on Page 2.

Using Your Cable Set-top Box or Satellite Receiver Remote as a 'Universal' Remote

If you prefer to use your Cable Set-top Box or Satellite Receiver Remote as a 'Universal Remote', then visit the Support page to view a list of the codes.
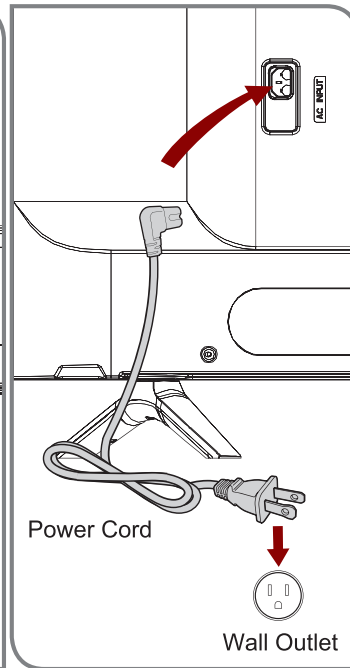
STEP 5. Power on the TV

Plug the power cord into a wall outlet.

43"/50"/55"

65"

Power Cord

Power Cord

Wall Outlet

Wall Outlet
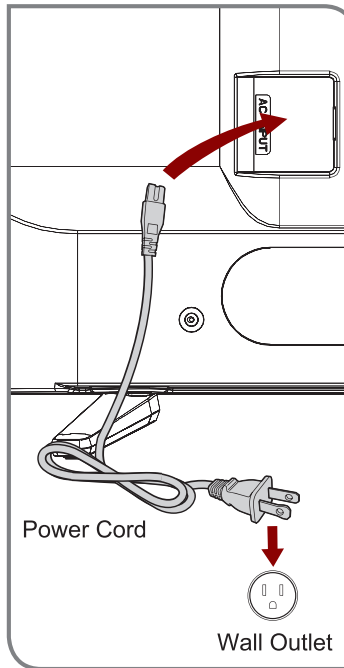
Press the **Power button** ⏻ on the remote to turn on the TV. A splash screen that shows the logo appears. Next, the First-Time Setup Menu begins by prompting you to choose your **Language**,

Country, and **Time Zone**.

STEP 6. Complete the first-time setup menu

After the splash screen that shows the logo appears, begin the first-time setup menu.
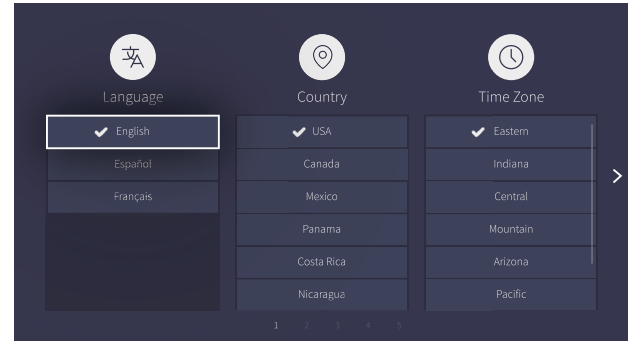
Screen	Task
Language and Location	• Using the D-pad arrows of your remote, choose your **Language**, **Country** and **Time Zone.**
End User License Agreement	• Choose **Decline** or **Agree**, then select **Confirm** icon and press **[OK].**
TV Usage	• Select **Home Mode** (which appears by default). • **NOTE:** 'Store mode' should only be selected by Retailers who plan to demonstrate the TV.
Network Connection	• If your TV does not automatically detect an Ethernet connection, then use a wireless network. Select your network from the list that displays, input the password. Also you can add a hidden network.

Screen	Task
Select your primary input source	Select how you receive your TV channels. Choose from one of the following sources below. • HDMI • ANT/CABLE • AV • COMPONENT • NONE **TIP:** If you use an antenna to receive channels, then you must complete the first-time setup menu in order to run a channel scan.

STEP 7. Begin to enjoy your TV

Your Smart TV is easy to use and brag-worthy!

Now that you've completed the first-time setup menu, the Home screen is your starting point for navigating the TV. Gone are the days where your TV only provides one way for you to be entertained. This showpiece provides you the convenience of watching a program on a live channel, accessing Video on Demand to watch a movie and many other entertainment options.

Using your remote, press the **Home** button to begin enjoying your TV.

Disclaimer: *Subscriptions or other payments may be required to access content through some applications. Some or all of the included or downloaded application services in this Sharp, Aquos or Quattron device may not function depending on the Internet connection, local limitations of included applications or other reasons outside of the Licensor's or Manufacturers control. ALL LICENSORS AND THE MANUFACTURER EXPRESSLY DISCLAIM RESPONSIBILITY FOR ANY APPLICATION SERVICE FROM FUNCTIONING AT ANY TIME, FOR CONTENT IN ANY APPLICATION SERVICE, FOR DISRUPTIONS OF SERVICE, LOCAL OR REGIONAL LIMITATIONS, WARRANTIES OF TITLE, NO INFRINGEMENT, AND FOR IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. By purchasing this device, you accept such Disclaimer without any claim on any Licensor and/or the Manufacturer at any time and in any territory.*

PRODUCT SPECIFICATIONS

Model Name		LC-43P7000U / LC-43N7002U	LC-50P7000U / LC-50N7002U	LC-55P7000U / LC-55N7002U / LC-55P620U	LC-65P7000U / LC-65N7002U/ LC-65P620U
Dimension (W × H × D)	Without Stand	38.2 × 22.4 × 3.5 inches (970 × 568 × 88 mm)	44.4 × 25.7 × 3.3 inches (1 129 × 654 × 84 mm)	49.0 × 28.4 × 3.3 inches (1 244 × 721 × 85 mm)	57.6 × 33.1 × 3.4 inches (1 463 × 842 × 87 mm)
	With Stand	38.2 × 23.9 × 8.7 inches (970 × 607 × 220 mm)	44.4 × 27.4 × 9.5 inches (1 129 × 697 × 241 mm)	49.0 × 30.0 × 9.5 inches (1 244 × 763 × 241 mm)	57.6 × 35.8 × 13.3 inches (1 463 × 910 × 338 mm)
Weight	Without Stand	21.6 lbs (9.8 kg)	29.3 lbs (13.3 kg)	35.3 lbs (16 kg)	52.2 lbs (23.7 kg)
	With Stand	22.3 lbs (10.1 kg)	30.4 lbs (13.8 kg)	36.4 lbs (16.5 kg)	54 lbs (24.5 kg)
Active Screen Size (Diagonal)		43 inches	49.5 inches	54.6 inches	64.5 inches
Screen Resolution		3 840 × 2 160	3 840 × 2 160	3 840 × 2 160	3 840 × 2 160
Audio Power		7 W + 7 W	10 W + 10 W	10 W + 10 W	15 W + 15 W
Power consumption		110W	135W	160W	200W
Power Supply		120 V ~ 60 Hz	120 V ~ 60 Hz	120 V ~ 60 Hz	120 V ~ 60 Hz
Connectivity		Built-in Wireless feature (2x2 dual band)			
Key Apps		Netflix, Vudu, YouTube, Amazon Instant Video, Pandora and Opera App (Some apps only for USA)			
Ports		4 HDMI ports, 3 USB ports, 1 LAN port for Ethernet, 1 Digital Audio Output, 1 RF Input, 1 Earphone Audio Output, 1 RCA Composite Video Input , 1 left/right Audio Input for Composite, 1 RCA Component Video Input			
Other features		Smart TV, Dynamic contrast Picture, VESA standard wall mount support, Web browser, Parental Control and Closed Caption, High Dynamic Range processing			

Disclaimer: *All products, product specifications, and data are subject to change without notice to improve reliability, function, design or otherwise.*

QUICK PROBLEM-SOLVING TIPS

When you experience an issue with your TV, turn it off and on again. If this does not resolve the problem, then refer to the tips below. If the problem is still not resolved, then contact us at one of the phone numbers on Page 2.

ISSUES	POSSIBLE SOLUTIONS
No sound or picture	• Check if the power cord is plugged into a powered AC outlet. • Press the ⏻ **Power button** on the remote control to activate the unit from 'Standby' mode. • Check to see if the LED light is on or not. If it is, then the TV is receiving power.
I have connected an external source to my TV and I get no picture and/or sound.	• Check for the correct output connection on the external source and for the correct input connection on the TV. • Make sure you have made the correct selection for the input mode for the incoming signal.
When I turn on my TV, there is a delay for a few seconds before the picture appears. Is this normal?	• Yes, this is normal. The TV is initializing and searching for previous setting information.
The picture is normal but there is no sound	• Check the volume settings. • Check if 'Mute' mode is set to **On.**
Sound but no picture or black and white picture	• If the picture is black and white, unplug the TV from the AC outlet and replug it after 60 seconds. • Check that the Color is set to 50 or higher. • Try different TV channels.
The sound and/or picture is distorted or appears wavy	• An electric appliance may be affecting the TV. Turn off any appliances that are nearby and move it farther away from the TV. • Insert the power plug of the TV set into another power outlet.
The sound and picture is blurry or cuts out	• If using an external antenna, check the direction, position and connection of the antenna. • Adjust the direction of your antenna or reset or fine tune the channel.
A horizontal or vertical stripe appears on the picture and/or the picture is shaking	• Check if there is an appliance or electric tool nearby that is causing interference.

The plastic cabinet makes a "clicking" type of sound	• The 'click' sound can occur when the temperature of the television changes. This change causes the television cabinet to expand or contract, which makes the sound. This is normal and the TV is OK.
The remote control does not work	• Confirm that TV still has power and is operational. • Change the batteries in the remote control. • Check if the batteries are correctly installed.

Need more help?

Additional help is available online at support links on Page 2. You will find answers to frequently asked questions, downloadable firmware and more.

Certification and Compliance

FCC Notice

This device 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 device 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 device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
● Reorient or relocate the receiving antenna.
● Increase the separation between the device and receiver.
● Connect the device into an outlet on a circuit different from that to which the receiver is connected.
● Consult the dealer or an experienced radio/TV technician for help.
NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

The Wi-Fi Module complies with FCC radiation exposure limits set forth for an uncontrolled environment. This device should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

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