

TCL

Hi! Let's get started.

TCL



Google TV

**S-Series
85S470G**

Important Information



CAUTION
RISK OF ELECTRIC SHOCK.
DO NOT OPEN.



This symbol indicates that this product incorporates double insulation between hazardous main voltage and user accessible parts. When servicing, use only identical replacement parts.

CAUTION: Neutral fusing. Disconnect mains before servicing.
Caution: To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.



This symbol indicates “dangerous voltage” inside the product that presents a risk of electric shock or personal injury.



This symbol indicates important instructions accompanying the product.

WARNING
To reduce the risk of fire or electric shock, do not expose this product to rain or moisture. This product should not be exposed to dripping or splashing. No objects filled with liquids, such as vases, should be placed on the apparatus.

WARNING
The TV is unstable if it is not properly attached to the base or mounted to the wall. Please follow the base or wall mounting instructions provided in the User’s Guide to ensure your safety.

Warning: The batteries should not be exposed to excessive heat, such as prolonged direct sunlight, open flame, or fire of any kind. Refer to the identification/rating label located on the back panel of your product for its proper operating voltage.

Cable TV Installer: This reminder is provided to call your attention to Article 820-40 of the National Electrical Code (Section 54 of the Canadian Electrical Code, Part 1) which provides guidelines for proper grounding and, in particular, specifies that the cable ground should be connected to the grounding system of the building as close to the point of cable entry as practical.

Important: This television is a table model and is designed to sit on a firm, flat surface. Do not place the TV on soft carpeting or on a similar surface as this may cause the ventilation slots located on the bottom of the unit to be blocked and may result in reduced product lifespan from overheating. To assure adequate ventilation for this product, maintain a spacing of one (1) inch from the top and side of the TV receiver and two (2) inches from the rear of the TV receiver and other surfaces. Make sure the TV stand or base you use is of adequate size and strength to prevent the TV from being accidentally tipped over, pushed off, or pulled off. This may cause personal injury and/or damage the TV. Refer to the Important Safety Instructions on the next page.

The Power button  on this TV and your remote control puts the TV into a very low-power standby mode but will not completely turn the power off. In order to completely shut the power off, you will need to disconnect the power cord from the outlet. The mains plug/appliance coupler is used to completely turn off the device. If you prefer to completely turn off the device, you should install the TV in a manner that allows you to disconnect the power cord when desired.

Product Information

Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial and model numbers in case you need them. These numbers are located on the product.

Keep the apparatus at least 8 inches away from the human body.

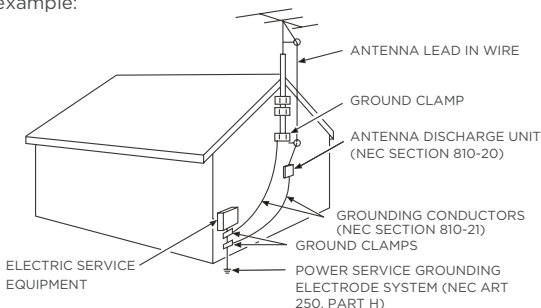
Input	Signal Compatibility
Antenna/Cable	480i, 480p, 720p, 1080i (NTSC, ATSC, and QAM formats)
Composite Video	480i
HDMI	480i, 480p, 720p/60Hz, 1080i/60Hz, 1080p/60Hz, 2160p/24/30/60Hz

For the best viewing experience, remove the energy guide label from the TV front panel or TV screen before use.

Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
10. WARNING: Please refer the information on exterior bottom enclosure for electrical and safety information before installing or operating the apparatus.
11. WARNING: The main plug is used to disconnect the device and should remain readily operable.
12. When not in use, tie up the power cordset with a cable tie or with something similar. It should not be near sharp edges as it may cause abrasion of the power cordset. When put into use again, please make sure the power cordset is not damaged. If any damage is found, please use a replacement power cord specified by the manufacturer or that is identical to the original one.
13. No open flame sources, such as lit candles, should be placed on, under, or near the apparatus.
14. Unplug this apparatus during lightning storms or when unused for long periods of time.
15. Only use attachments/accessories specified by the manufacturer.
16. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid any injury.
17. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
18. For safe operation of the apparatus, please follow these installation requirements:

Keep at least 2 inches of ventilation space between the rear cover of the apparatus and the wall. Keep at least 1 inch of ventilation space between the apparatus and all other surfaces. Do not allow any of the apparatus' ventilation openings to be blocked by objects that might obstruct them, such as newspapers, curtains, table-cloths or any other objects. Do not expose the apparatus to any external heat sources. Do not place any heat sources such as candles, lamps, etc. on the apparatus. Do not expose the device to high levels of humidity or to any possible sources of moisture. When disposing of used batteries from the remote control, consult local regulations regarding proper disposal.
19. If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA No. 70-2011 (Section 54 of Canadian Electrical Code, Part 1) provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead in wire to an antenna-discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See following example:





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FCC Information

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

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment 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.

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

S-series, include models(85S470G)

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Battery CAUTION & Disposal Information

1. For best results, use alkaline-type batteries.
2. Do not mix Alkaline, Standard (Carbon-Zinc), or Rechargeable (Nickel Cadmium or Nickel Metal Hydride) batteries.
3. Always replace depleted batteries with two same brand-new batteries from the same manufacturer. Never use damaged batteries.
4. Do not use Rechargeable (Nickel Cadmium or Nickel Metal Hydride) batteries.
5. Install only new batteries of the same type in your product. There is a risk of fire or explosion if the battery is replaced by an incorrect type.
6. Do not mix old and new batteries.
7. Batteries should not be exposed to excessive heat, such as prolonged direct sunlight, open flame, or fire of any kind as it may result in an explosion, or leakage of flammable liquid, or gas.
8. Batteries should not be exposed to extremely low air pressure as it may result in an explosion or the leakage of flammable liquid or gas.
9. Failure to insert batteries in the correct polarity, as indicated in the battery compartment, may shorten the life of the batteries or cause batteries to leak.
10. Batteries should be recycled or disposed of as per state and local guidelines. Do not dispose of batteries in a fire, hot oven, or mechanically crushing or cutting a battery, which may result in an explosion.

ELECTRONICS & PACKAGING RECYCLING INFORMATION

For information on recycling your old TVs, sound bars, and home comfort products, and to find drop-off locations in your area, please visit the “Electronics Recycling” area of the TCL website at **www.tcl.com**. Click on our convenient interactive map to quickly locate a solution in your community. TCL encourages consumers to always look for a recycling or reuse alternative to discarding televisions and other electronics, and in many areas TCL has programs for consumers to drop-off and recycle televisions free of charge.

Look for convenient How2Recycle® labels on the product box for help preparing your new TV packaging for recycling. These labels show important information identifying the various types of packaging material included with your new TV along with easy-to-understand recycling instructions.

Warning: To avoid the danger of suffocation, keep plastic packaging away from babies, children, and pets. Do not use packaging bags in cribs, beds, carriages, or playpens.

What's in the box



TCL TV



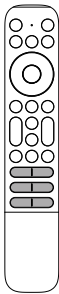
TV stands



Power cable



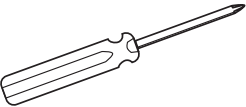
M5x13mm
Stand screws



TV remote

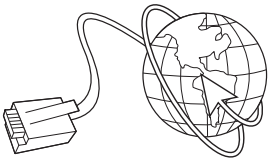
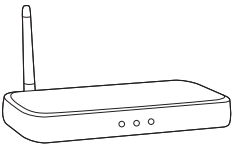
- Accessory type and quantity may vary depending on the model.

What you need (Tools Not Included)



Phillips head
screwdriver

Make the most of your TV



Router + Internet Connection
(needed for streaming)

Step 1 Set up your TV

Ready for the step-by-step? You're only minutes away from TV bliss!

Warning: To avoid the danger of suffocation, keep plastic packaging away from babies, children, and pets. Do not use packaging bags in cribs, beds, carriages, or playpens.

Remove your TV from the box

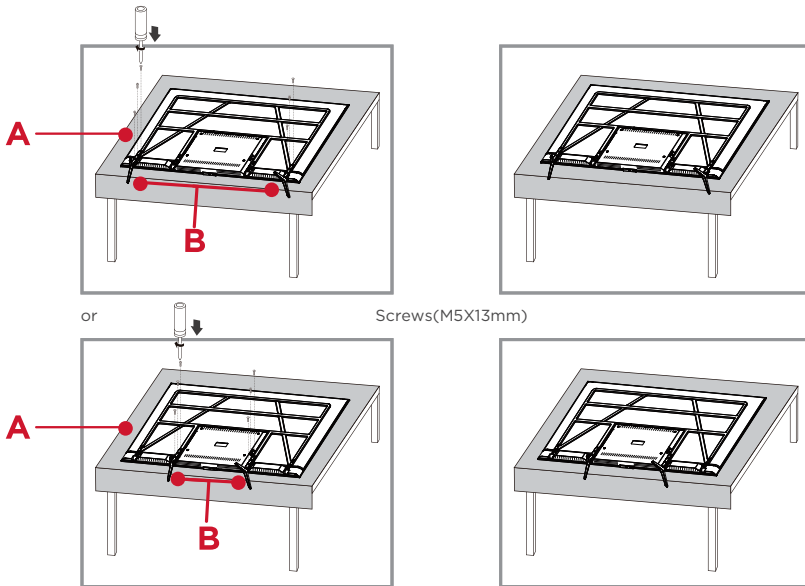
Be careful, it's heavy!

To use the stand

A To prevent damage to the screen, carefully place your TV on a soft, cushioned surface.

B Please remove the labels from the holes of the base on TV when installing the base. Align the stands with the screw holes located on the TV. Secure the stands to the TV with three (3) screws.

Note: Make sure the installation direction of the stand is the same as illustrated.



Warning:

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

- Using cabinets or stands recommended by the manufacturer of the television set.
- Only using furniture that can safely support the television set.
- Ensuring the television set is not overhanging the edge of the supporting furniture.
- Not placing the television set on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television set to a suitable support.
- Not placing the television set on cloth or other materials that may be located between the television set and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the television set or its controls.
- NEVER place items that might encourage children to climb, such as toys and remote controls, on the top of the television or furniture on which the television is placed.
- ALWAYS route cords and cables connected to your television so they cannot be tripped over, pulled or grabbed.

If your existing television set is being retained and relocated, the same considerations as above should be applied.

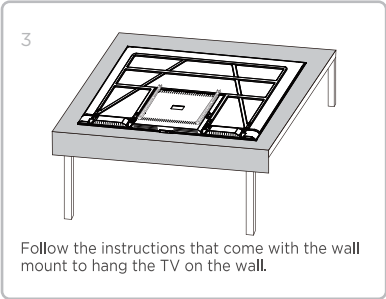
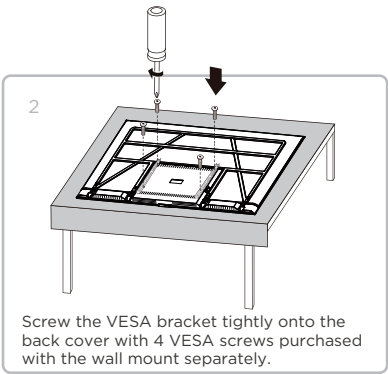
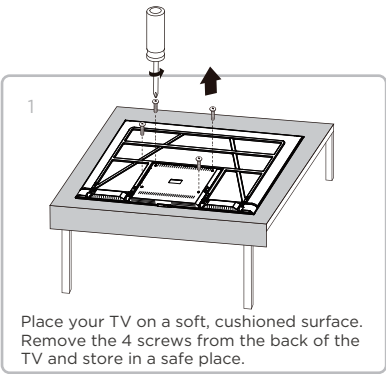
Optional - To mount on a wall

(Wall mount hardware and accessories are not included)

To mount on a wall

Preparation must be done before mounting your TV on a wall.

Note: Do not place your TV in a location exposed to direct sunlight, heat, fire, or moisture. Exposure will damage the TV.



If you are mounting your TV to the wall, don't attach the stands.

To mount your TV to the wall, purchase a VESA wall mount	
Models of 85"	Purchase a VESA 600x300 (4 M8x20mm screws)

The VESA number is the horizontal and vertical measurement of the mounting holes. For example, 200X200 refers to the fact that the mounting measurements are 200mm horizontally and 200mm vertically.

Follow the instructions that come with the wall mount.

Your wall mount must be able to bear a minimum of five times the TV's net weight to avoid causing damage.

Warning: This product should only be mounted by a professional installer.

Warning: **Never install or mount** this product to the ceiling with the screen side facing down. Installing or mounting this product to the ceiling or the underside of a structure or surface is hazardous and may result in personal injury and/or property damage.

Step 2 Power up

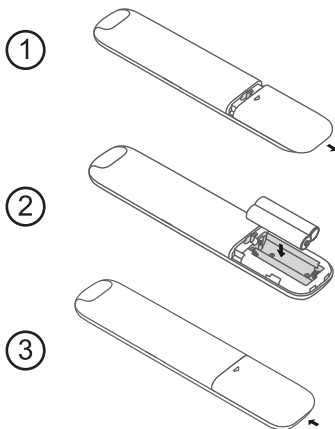
In this step, we'll make sure all systems are a GO!

Connect your power cable to the TV, then plug it into the wall outlet.

Power your TV remote by inserting the not included batteries.

If applicable, connect external devices.

(Batteries not included)



Insert batteries in the correct polarity as indicated in the battery compartment.

Power Tip! Always replace depleted batteries with two same brand-new batteries from the same manufacturer. Never use damaged batteries.

If your remote gets warm/hot during use, discontinue use and contact a service center.

Review the Battery CAUTION & Disposal Information.

Step 3 Grab your remote

The TV remote should feel right at home in your hand. We designed it to be incredibly intuitive for watching TV and navigating on-screen menus.

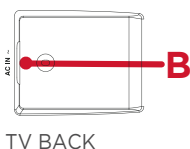
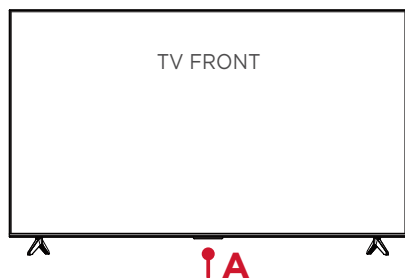
-  **INPUT** To select input source and display the quick panel
- **REMOTE MICROPHONE** Talk to the remote microphone after pressing the Google Assistant button
-  **POWER** Turn TV on and off
-  **PROFILE SELECTOR** Switch profile
-  **GOOGLE ASSISTANT BUTTON** Press to activate the remote's Google Assistant microphone. Search content through your voice by holding down the button.
-  **SETTINGS** To display the dashboard menu
-  **CIRCULAR D-PAD** Navigation direction buttons (Up/Down/Left/Right)
- OK **OK BUTTON** To confirm an entry or selection
- ← **BACK** Return to previous screen
-  **TCL HOME** To access the TV homepage
-  **LIVE GUIDE** Open live TV EPG
-  **VOLUME** Raise and lower volume
- CH  **CHANNEL** To change channels
-  **QUICK SETTINGS** Open the quick menu
-  **MUTE** Press the button to mute the sound
-  **TV PLUS** Access to network Live Channel
-  **VIRTUAL KEYBOARD** Open virtual keyboard on screen
-  **INFORMATION** In TV source, press to view the program information



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.

Tip! Follow the on-screen guide to pair the remote control with the TV when pressing the  button for the first time.

Step 4 Get to know your TV



- C USB PORT** Connect a USB device to access photos, music and movies.
- D ETHERNET** Connect an Ethernet cable to your home Internet router or switch.
- E HDMI® PORT** Highest quality audio/video connection. Connect cable box, Blu-ray player, gaming console, or other devices to your TV using HDMI cables.
- F HDMI (e)ARC PORT** Connect HDMI (e)ARC (audio return channel) capable audio devices like sound bars or AV receivers.
- G ANTENNA/CABLE IN** Connect an outdoor VHF/ UHF antenna or Cable TV feed.
- H OPTICAL (DIGITAL AUDIO OUT)** Connect an optical cable to an external digital audio system.
- I AV IN adapter** AV Input (analog audio/video). The AV Input can be used to connect older devices that use analog audio/video outputs. Compatible adapter (not included) connects to the RCA cable (video - yellow and audio - white and red) that you normally use to connect to that device.
- J HEADPHONE OUT** Connect headphones or other external speakers.

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

- A STATUS LIGHT** Glows when the TV is in standby.
- IR RECEIVER** Receives signal from the TV remote.
- POWER and OPTIONS BUTTON**
Press once to open the menu. Short click to change the menu and long click to select.
- B POWER PORT** Connect your TV to the power source with the included power cable.

TV SIDE



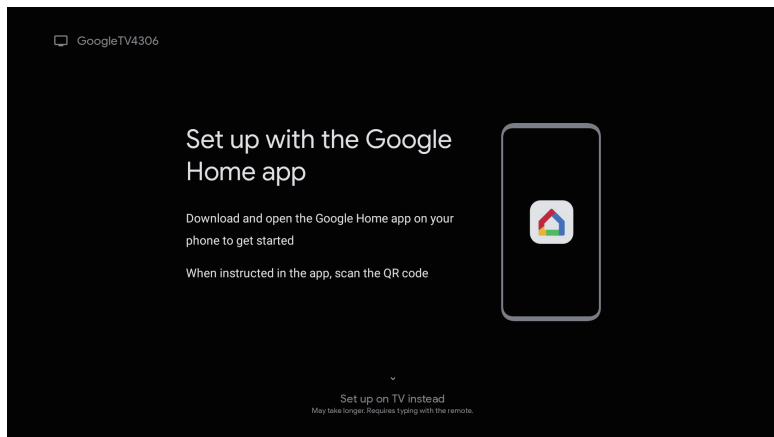
Step 5

Complete guided setup

It's the final stretch-hurray!

Let's Connect

Once your language has been selected, you can quickly set up the TV using the Google Home app on an Android or iOS phone.



TV interface may vary and is subject to change.

The model number shown will vary depending on your TCL Google TV model number.

Or you can follow the easy on-screen instructions to setup your TV. If you aren't ready to connect your TV to a wireless network, you can still use it as a regular TV.

To enjoy all smart features and services on your TCL Google TV, a free Google account, a free TCL account, and a reliable broadband internet connection, are required.

And setup is done... Congratulations!

Continue using the remote to personalize your Home screen, streaming apps line-up, stream movies, and so much more.

Key things to know:

A paid subscription or other payments may be required for some streaming apps. Streaming apps availability are subject to change and vary by country.

The image shown here is for illustrative purposes only and may be subject to change.

Broadcasting & Operating Environment

Broadcasting system	US System NTSC-M ATSC standard (8VSB), QAM
Receiving Channels	VHF2-13 UHF14-69 CATV 14-36 (A)-(W) 37-59 (AA)-(WW) 60-85 (AAA)-(ZZZ) 86-94 (86)-(94)95-99 (A-5)-(A-1) 100-135 (100)-(135) 01 (4A)
Tuner type	Frequency synthesized
Operating Temperature	5°C to 35°C (41°F to 95°F)
Operating Humidity	20% to 80%, non-condensing
Storage Temperature	-15°C to 45°C (5°F to 113°F)
Storage Humidity	10% to 90%, non-condensing

- Accessory type and quantity may vary depending on the model.
- The image shown here is for illustrative purposes only and may be subject to change.
- 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.
- The cables mentioned in this guide is not supplied with your unit.

Troubleshooting

Having trouble completing the guided setup? Don't worry, it's usually an easy fix.

Cannot connect to wireless network (WiFi)

- Select the correct wireless network name and verify the password entered (case sensitive).
- Relocate the router from objects that interfere with performance (cordless phones, baby monitors, etc.).
- Reboot the router by disconnecting the power for more than 2 minutes and reconnect.

Problems connecting my cable box or antenna through a coax cable

- For best performance, use the HDMI connection. If not available, then:
- Make sure the cable connections to the TV and your device are securely fastened.
- Select cable or antenna input.
- Select the channel scan menu and follow the on-screen instructions to perform a full channel scan.

What is the remote code for programming my Universal or Cable box remote control?

- Please visit <https://go.tcl.com/codes>

Access parental control

- You can change the personal password anytime.
- If you forget your personal password, you can use 0423 to reset.

How do I turn Text-to-Speech (TTS) on or off?

- Press Settings button (⚙️) on the remote control
- Select "Settings".
- Select "System".
- Select "Accessibility".
- Select "TalkBack".
- Select "Enable" and press OK to turn it on or off.

How to use voice control through the remote control?

- In Google TV mode, press and hold the "HOME" and "OK" buttons on your remote at the same time.
- Keep your remote within 3 ft. of your TV during the pairing process.
- Then, when the TV display shows that the Google Assistant is ready – speak towards the remote microphone by holding down the Google Assistant button to ask a question or try a suggestion.

814100146



PRINTED IN MEXICO / ELBRD: J.E.
OBPN: N/A / SC: 10-23-2023
SHNMDL: 85S470G