

# TCL Hi! Let's get started.

## 4K HDR

### 4-Series

# TCL • Roku TV

It's important to read this instruction book prior using you new product for the first time.

## Important Information

<b>CAUTION</b> <b>RISK OF ELECTRIC SHOCK.</b> <b>DO NOT OPEN.</b>			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: 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.	

<b>WARNING</b> 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.	<b>WARNING</b> 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.
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**Warning:** The batteries shall not be exposed to excessive heat such as sunshine, fire or the like. 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. Don't place the TV on soft carpeting or similar surface because the ventilation slots on the bottom of the unit will be blocked, resulting in reduced lifetime from overheating. To assure adequate ventilation for this product, maintain a spacing of 1 inch from the top and side of the TV receiver and 2 inches from the rear of the TV receiver and other surfaces.

Also, make sure the 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 could cause personal injury and/or damage to the TV. Refer to the Important Safety Instructions .

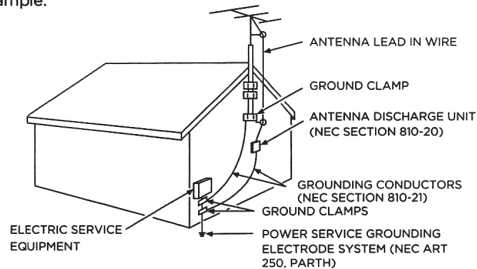
The Power button on this TV and your remote control puts the TV into a very low-power standby mode but will not completely turn the power off. In order to completely shut the power off, you will need to disconnect the power cord from the outlet. The mains plug/appliance coupler is used to completely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

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 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 mains plug is used as disconnect device, the disconnect device shall remain readily operable.
12. When not in use and during movement, please take care of the power cordset, e.g. tie up the power cordset with cable tie or something like that. It shall be free from sharp edges and the like that can cause abrasion of the power cordset. When put into use again, please make sure the power cordset being not damaged, if any damages found, please look for the service person to replace the power cordset specified by the manufacturer or have the same characteristics as the original one.
13. No naked flame sources, such as lighted candles, should be placed on 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 injury from tip-over.
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, observe 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:



What's in the box	What you need (not supplied)
 TCL Roku TV  Power cable  TV remote  M5X25mm for models of 49"/50"/55"/65" M5X25mm for models of 43" M5X20mm for models of 50S423 & 55S423 4 x Stand screws  TV stands for S4/S42/S42S Series TV stands for S423 Series	 Phillips head screwdriver  Router + Internet Connection (needed for streaming)

## Step 1 Set up your TV

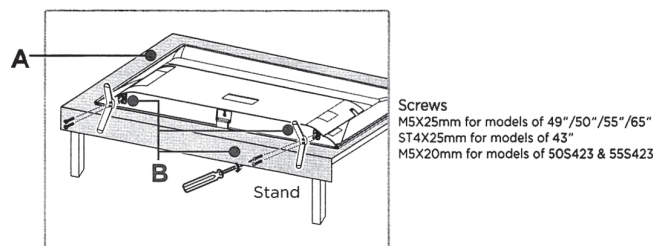
Ready for the step-by-step? You're only minutes away from TV bliss!

**Remove** your TV from the box

Be careful, it's heavy!

**To use the stand**

- To prevent damage to the screen, carefully place your TV on a soft, cushioned surface.
- Put the column of the stands into the TV, align the stands with the screw holes located on the TV. Secure the stands to the TV with four (4) screws.



**To mount on a wall (not supplied)**

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	
43" Models	Purchase a VESA 100x100, 4 M6x12mm screws
49", 50", 55" Models	Purchase a VESA 200x200, 4 M6x12mm screws
65" Models	Purchase a VESA 400x200, 4 M6x12mm 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:**

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.

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

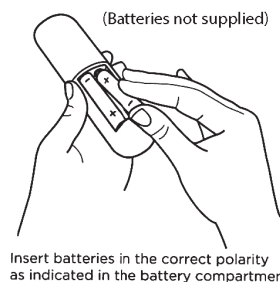
## Step 2 Power up

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

**Power your TV remote** by inserting batteries.

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

**Connect other devices** by referencing port label and descriptions on the bottom



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

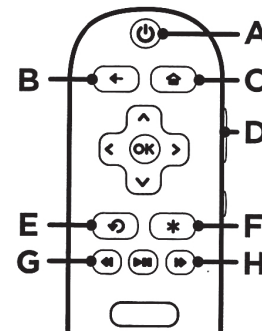
If your remote gets warm/hot during use, discontinue use and contact a service center.

## 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.

**Here's some buttons** you should know about.

- POWER** Turn TV on and off
- BACK** Return to previous screen
- HOME** Return to Roku Home screen
- VOLUME** Raise and lower volume
- INSTANT REPLAY** Replay last 7 seconds of streaming video
- OPTIONS** View more options
- RWD SCAN** Rewind streaming video, scroll left one page at a time
- FWD SCAN** Fast forward streaming video, scroll right one page at a time

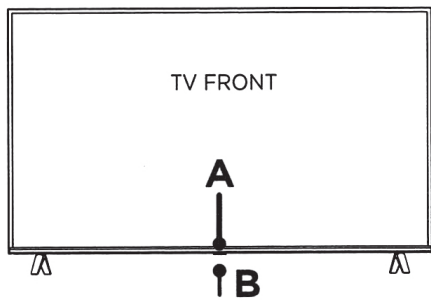


**Tip!** The button gives you easy access to picture settings, display options, and more. Try it on every screen!

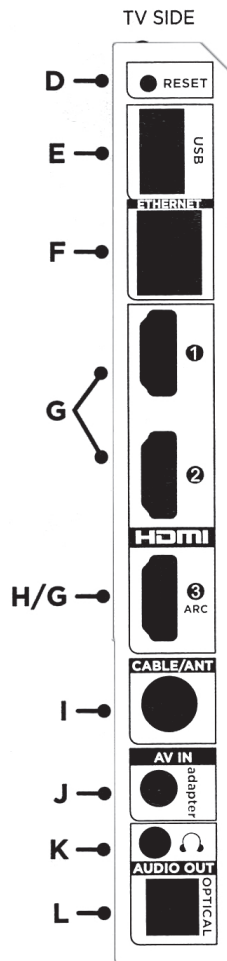
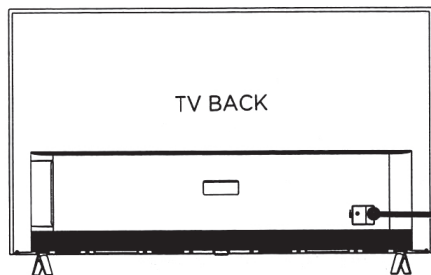
\*The remote control may vary depending on the model: The buttons on remote control may have a different name or location than the remote control shown in this manual.



## Step 4 Get to know your TV



- A STATUS LIGHT** Glows when the TV is in standby, flashes when the TV is busy, flashes once with each button press of the remote control.
- IR RECEIVER** Receives signal from the TV remote.
- B POWER and OPTIONS BUTTON** Found on the bottom surface of the TV for easy use.
- C POWER PORT** Connect your TV to the power source with the included power cable.



- D RESET BUTTON** Press once to restart your TV. Press and hold for factory reset, and careful, you will lose all your settings!
- E USB PORT** Connect a USB device to access photos, music and movies.
- F ETHERNET** Connect an Ethernet cable to your home Internet router or switch.
- G 3 HDMI\* PORTS** Highest quality audio/video connection. Connect cable box, Blu-ray player, gaming console, or other devices to your TV using HDMI cables.
- H HDMI ARC PORT** Connect HDMI ARC (audio return channel) capable audio devices like sound bars or AV receivers.
- I ANTENNA/CABLE IN** Connect an outdoor VHF/UHF antenna or Cable TV feed.
- J AV IN adapter** AV Input (analog audio/video) Use an adapter to connect to older devices that use analog audio/video outputs. (The RCA cable is not supplied)
- K HEADPHONE OUT** Connect headphones or other external speakers.
- L OPTICAL (DIGITAL AUDIO OUT)** Connect an optical cable to an external digital audio system.

\*If you have any problem with your TV, please reset the unit using RESET BUTTON.

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

## Step 5 Complete guided setup

### It's the final stretch—hurray!

#### Let's Connect

Your TV will automatically detect wireless networks in your area. Have your network name and password handy and follow the easy on-screen instructions.



**Your Roku account:** Once connected, your TV will walk you through a guided setup, where you'll be prompted to create (or sign into) your free Roku account online at [roku.com/link](http://roku.com/link). Your TV will generate a unique code that links your TV to your account.

Roku accounts are free, and while a valid credit card is recommended, it is not required. If you choose to register with a credit card, you will be able to seamlessly rent movies, TV shows and download apps without having to enter in your credit card information each time. A unique PIN can be added to the account to prevent unauthorized purchases.



**IMPORTANT:** Make sure you type [roku.com/link](http://roku.com/link) into the browser being careful not to misspell or add extra characters. Typing this incorrectly may take you to fraudulent websites.

Once you're connected, your TV will automatically update with the latest software—plus you can start streaming the entertainment you know and love. Unlike other TVs, your new TCL • Roku TV automatically receives regular software updates in the background when it's connected to the internet. This allows it to give you a better and better experience.

If you aren't ready to connect your TV to a wireless network, you can still use it as a regular TV.

### And setup is done...congratulations!

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

If you have an antenna or cable connected, just click the tuner tile to watch broadcast TV channels. The fun has just begun!

## Viewing 4K Ultra HD Content

### 4K Spotlight Channel

The Roku 4K UHD Spotlight channel features many movies and TV shows available in 4K UHD resolution from streaming services such as Netflix, Prime Video, VUDU, and more.

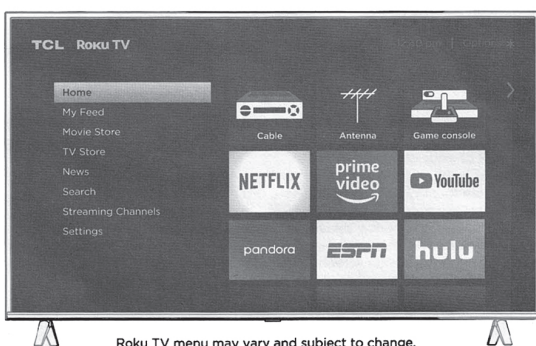
**Key things to know:** A paid subscription or other payments may be required for some channels. Channel availability subject to change and varies by country. 4K content will not be available on all channels.

### Next Generation 4K HDR Devices

With HDMI inputs supporting the latest HDMI 2.0 with HDCP 2.2 standards, connect next-gen game systems, Ultra HD blu-ray players and more to enjoy highest-quality 4K high dynamic range sources.

### Upscale 1080p HD to 4K Ultra HD

Enjoy your favorite shows upscaled to near 4K Ultra HD quality with TCL Creative Pro upscaling.



Roku TV menu may vary and subject to change.

## Connecting brings out your TV's full potential!

Access thousands of streaming channels\*.

### Make any night a movie night

Access more than 500,000 movies and TV episodes across major streaming services like Netflix, Hulu, Prime Video, VUDU, and more. Choose from free, rental, and subscription services.\*

### Stream sports on the big screen

Choose from over 140 sports channels like WatchESPN, FOX Sports GO, NBA, NFL, MLB.TV, WWE Network, CBS Sports, and more.

### Explore your passions

In addition to popular streaming channels like HBO NOW, SHOWTIME, PBS Kids, and FOX NOW, your TCL • Roku TV also offers hundreds of streaming channels to fuel your passions – including fitness, cooking, religion, outdoors, international programming, and much more.

### Enjoy tons of free channels and free trials

Your TCL • Roku TV has hundreds of popular free channels like Crackle, CBS News, PBS, Pluto TV, and more. Plus, free trials\*\* to popular subscription services like HBO NOW, SHOWTIME, Netflix, Prime Video, and Hulu.

\*Subscription or other payment may be required to access certain channels. Content may not be available in all areas in which the TCL Roku TVs are sold and channel availability is subject to change. \*\*Cancel before free trial ends to avoid subscription fees. Credit card may be required.

## 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

## Troubleshooting

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

### 4K Picture Quality

- 4K picture quality is largely dependent on the source. Make sure your source content is 4K.
- To stream 4K, we recommend a broadband speed of 25Mbps for optimum viewing.
- For Cable, Satellite, Gaming Consoles, and Blu-Ray players, we recommend using "High-Speed HDMI cables."

### My picture is too small (black bars on the side)

- Play your movie/video and press the (\*) asterisk button.
- Select **Picture Size**, select the picture size of your preference.

### How to install the Remote Control Mobile App

The free Roku app allows you to use your mobile device as a full functioning remote control with voice search & keypad.

- Download the Roku app to your phone or tablet through Google Play or iTunes.
- Simply search for "Roku App" and choose the Roku app by Roku Inc.
- Follow the onscreen prompts and you're on your way!

### How do I turn the Text-to-Speech (TTS) audio guide on or off?

- Press "\*" key on the remote controller four times to turn the audio guide on or off.
- Or
- 1. Select "Settings" at home screen
- 2. Select "Accessibility"
- 3. Select "Audio Guide" and turn it on or off

### Cannot connect to wireless network (Wi-Fi)

- 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/satellite 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/satellite box or antenna TV** input.

### What is the remote code for programming my Universal or Cable/Satellite box remote control

Providers	Codes for TCL Roku TVs
ATT U-verse	1346
Charter?/ Spectrum	11756
Comcast?	11756
DIRECTV	11756
DISH	1756, 535
Time Warner / Spectrum	387, 1566, 268



**This product incorporates HDMI technology.** 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.



**Manufactured under license from Dolby Laboratories.** Dolby, Dolby Audio, and the double-D symbol are trademarks of Dolby Laboratories.

### 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.

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. Install only new batteries of the same type in your product.
3. 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.
4. Do not mix old and new batteries.
5. Do not use Rechargeable (Nickel Cadmium or Nickel Metal Hydride) batteries.
6. Do not mix Alkaline, Standard (Carbon-Zinc) or Rechargeable (Nickel Cadmium or Nickel Metal Hydride) batteries.
7. Do not dispose of batteries in fire.
8. Batteries should be recycled or disposed of as per state and local guidelines.

### ELECTRONICS RECYCLING INFORMATION FOR CONSUMERS

TCL strives to provide a high level of service to our customers and in the communities we serve, and recommends that consumers always look for a recycling or reuse alternative to throwing away televisions and other electronics. We encourage customers to recycle end-of-life electronic devices using one of the many convenient methods available today. In many states TCL has programs in place to enable consumers to drop-off and recycle televisions free of charge.

\*The cables mentioned in this manual are not supplied with your unit.

