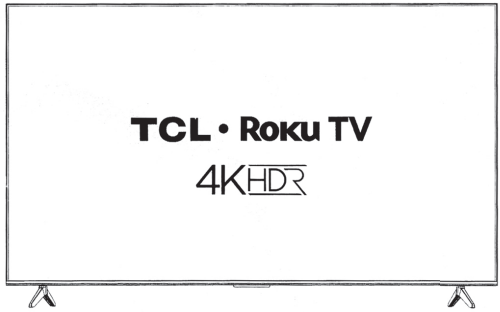


TCL

Hi! Let's get started.



Please read this manual carefully before operating your unit and retain for future reference.

Important Information

CAUTION
RISK OF ELECTRIC SHOCK.
DO NOT OPEN.

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

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.

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

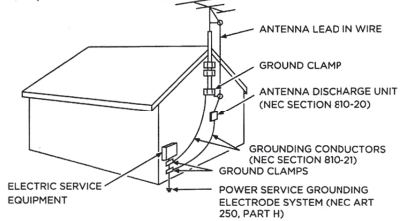
Input	Signal Compatibility
Antenna/Cable	480i, 480p, 720p, 1080i (NTSC, ATSC, and QAM formats)
Composite Video	480i
HDMI	480i, 480p, 720p/60Hz, 1080i/60Hz, 1080p/60Hz, 2160p/24/30/60Hz

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

Important Safety Instructions

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- WARNING: Please refer the information on exterior bottom enclosure for electrical and safety information before installing or operating the apparatus.
- WARNING: The main plug is used to disconnect the device and should remain readily operable.
- 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.
- No open flame sources, such as lit candles, should be placed on, under, or near the apparatus.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Only use attachments/accessories specified by the manufacturer.

- 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.
- 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.
- 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.
- 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:



HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade Dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

Dolby
VISION-ATMOS

Dolby, Dolby Vision, Dolby Atmos, and the double-D symbol are registered trademarks of Dolby Laboratories Licensing Corporation. Manufactured under license from Dolby Laboratories. Confidential unpublished works. Copyright © 2012-2022 Dolby Laboratories. All rights reserved.

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.

The series, include models (85S410R/85S450R)

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

- For best results, use alkaline-type batteries.
- Do not mix Alkaline, Standard (Carbon-Zinc), or Rechargeable (Nickel Cadmium or Nickel Metal Hydride) batteries.
- Always replace depleted batteries with two same brand-new batteries from the same manufacturer. Never use damaged batteries.
- Do not use Rechargeable (Nickel Cadmium or Nickel Metal Hydride) batteries.
- 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.
- Do not mix old and new batteries.
- 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.
- 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.
- 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.
- 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.

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 RoKu TV

TV stands

M5x13mm Stand screws

TV remote (Batteries not included)

Power cable

Accessory type and quantity may vary depending on the model.

What you need (Not included)

Phillips head screwdriver

Router + Internet Connection (needed for streaming)

Make the most of your Smart TV

Step 1 Set up your TV

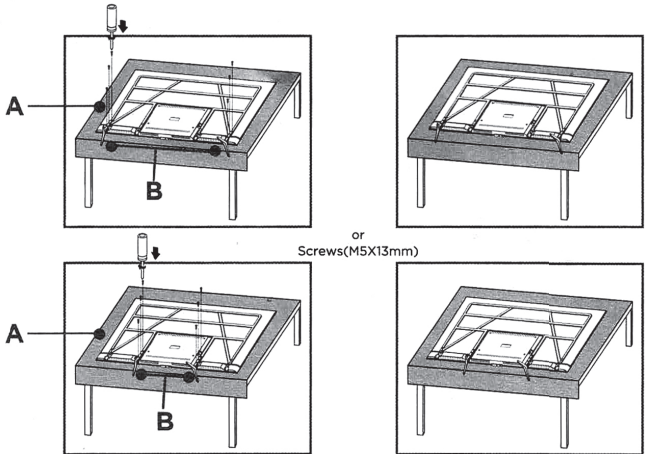
Ready for the step-by-step? You're only minutes away from TV bliss!
Warning: To avoid the danger of suffocation, keep plastic packaging away from babies, children, and pets. Do not use packaging bags in cribs, beds, carriages, or playpens.

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** Align the stands with the screw holes located on the TV. Secure the stands to the TV with three (6) 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.

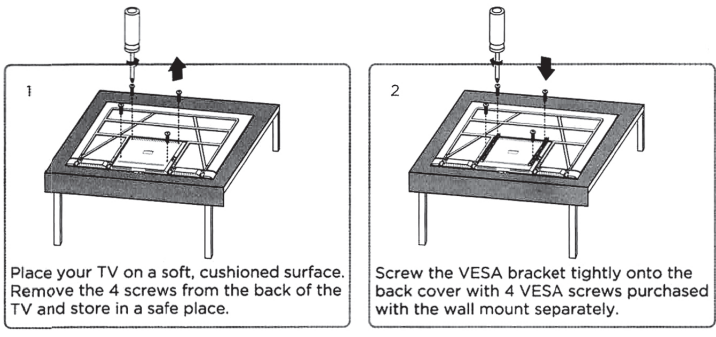
Optional - To mount on a wall

(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.



3

Follow the instructions that come with the wall mount to hang the TV on the wall.

(WALL MOUNT KIT NOT INCLUDED)

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, 600X300 refers to the fact that the mounting measurements are 600mm horizontally and 300mm 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 GO!

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

Power your TV remote by inserting the batteries (not included).

If applicable, connect external devices by referencing port label and descriptions.



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

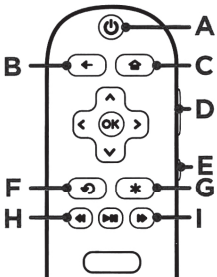
Power Tip! Always replace depleted batteries with two same brand-new batteries from the same manufacturer. Never use damaged batteries. If your remote gets warm/hot during use, discontinue use and contact a service center.
Review the Battery CAUTION & Disposal Information.

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.

Here are some buttons you should know about.

- A** **POWER** Turn TV on and off
- B** **BACK** Return to previous screen
- C** **HOME** Return to Roku Home screen
- D** **VOLUME** Raise and lower volume
- E** **MUTE** Press the button to mute the sound
- F** **INSTANT REPLAY** Replay the last few seconds of streaming video
- G** **OPTIONS** View more options
- H** **RWD SCAN** Rewind streaming video, scroll left one page at a time
- I** **FWD SCAN** Fast forward streaming video, scroll right one page at a time

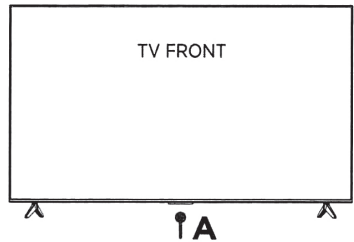


Tip! The button gives you easy access to picture settings, display options, and more. Try it on every screen!

NOTE: 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 images shown in this manual are for illustrative purposes only and may be subject to change. •

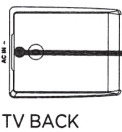
Step 4 Get to know your TV



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.
Press and hold to turn off the TV.

B POWER PORT Connect your TV to the power source with the included power cable.



C ETHERNET Connect an Ethernet cable to your home Internet router or switch.

D RESET BUTTON Press once to restart your TV. Press and hold for factory reset, and careful, you will lose all your settings!

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 USB PORT Connect a USB device to access photos, music and movies.

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.

K OPTICAL (DIGITAL AUDIO OUT) Connect an optical cable to an external digital audio system.

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

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 and activation

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: Activate your TCL Roku TV using your computer, smartphone, or tablet to link to a Roku account. You need a Roku account to activate your TV and access entertainment across thousands of streaming channels.

IMPORTANT: Roku doesn't charge for activation support - beware of scams.

Roku accounts are free and while a valid credit card number is not required to create a Roku account, saving your credit card information makes renting, purchasing, and subscribing to entertainment from the Roku Channel Store fast and convenient.

Once connected to your account, your TV will automatically update with the latest software, and you can start streaming immediately.

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 Live TV tile to watch broadcast TV channels. The fun has just begun!

Viewing 4K Ultra HD Content

4K Spotlight Channel

The Roku 4K Spotlight channel is the easiest way to find movies, TV shows, and more in stunning resolution. Browse regularly updated, hand-curated selections of 4K titles in categories like Most Popular, Action, Drama, and more.

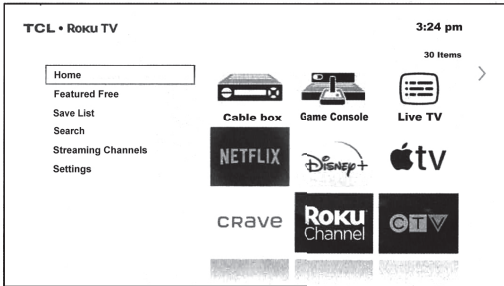
Key things to know: A paid subscription or other payments may be required for some channels. Channel availability subject to change and varies by country. 4K content will not be available on all channels.

Next Generation 4K HDR Devices

With HDMI inputs supporting the latest HDMI 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 is subject to change.

Unlock the full potential of your TCL Roku TV

Connect your TV to the internet to start streaming.

Free live TV

Enjoy 300+ live channels with news, sports, cooking, lifestyle entertainment, and more - right from your home screen.

The most popular channels

Easily find and stream movies, shows, songs, or podcasts across thousands of free and paid streaming channels.

Personalized screensaver

Stream your favorite photos on your TV as your own screensaver - even invite friends and family to join in!

Automatic updates

Keep your TV getting even smarter over time with the newest channels and features.

*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.

Easy Voice Control

Find movie titles, launch or change channels, even switch inputs, using the voice control feature available through the Roku mobile app (iOS or Android™ mobile device required), or with compatible third-party voice assistant-enabled devices and voice enabled remote controls that can be purchased separately. This feature works with Apple HomeKit (Siri), Alexa, or Google Assistant plus requires a free Roku account to set up.

Apple HomeKit

Apple HomeKit provides an easy and secure way for you to use Siri and the Home app on your iPhone, iPad, Apple Watch, HomePod, HomePod mini, or Mac to control your compatible Roku device. And, you can use scenes to group your Roku device with other HomeKit-enabled devices to control an entire room at once.

To learn more, scan QR code or visit:
go.tcl.com/airplay-homekit



Amazon Alexa

You can use Amazon Alexa-enabled devices, or the Amazon and Alexa Apps to search and control playback of content, and the ability to launch select streaming channels. Plus, you can power the TV screen on and off, adjust the volume, switch between input devices such as Over-The-Air antenna, cable box, game consoles, etc. once connected.

To use Alexa to search and control your TCL Roku TV, you need to link your Roku account to your Alexa account.

To learn more, scan QR code or visit:
go.tcl.com/alexa



Google Assistant

You can use Google Assistant-enabled devices to search and control playback of content, and the ability to launch select streaming channels with just using your voice. Additionally, you can turn your TV on and off, turn up the volume, mute, switch inputs and change channels, if there is an Over-The-Air antenna connected.

To control your TCL Roku TV using your voice with Google, you need to link your Roku account in the Google Home mobile app on your iOS or Android device.

To learn more, scan QR code or visit:
go.tcl.com/hey-google



NOTE: Some Roku Voice capabilities may not be supported when using HomeKit, Alexa or Google Assistant-enabled devices.

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Broadcasting & Operating Environment

Broadcasting system	US System NTSC-M ATSC standard (BVSb), GAm
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 Apple App Store.
- 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) Screen Reader on/off?

- Press "" on your remote controller four times to turn the **screen reader** on or off.
Or
1. Select "Settings" at Home Screen
2. Select "Accessibility"
3. Select "Screen reader" and turn it on or off

* <https://go.tcl.com/tts-roku>

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/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.
- Select "**start finding channels**" and follow the on-screen instructions to perform a full channel scan.

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

Don't see your provider listed, visit <https://go.tcl.com/codes>

REFURBISHED PRODUCT LIMITED NINETY DAYS WARRANTY

The **Refurbished Product Service Center** offers the following WARRANTY to the ORIGINAL purchaser of a product which we have refurbished.

This product that has been refurbished is warranted against any electronic or mechanical defects for a period of NINETY DAYS from the date of the original purchase by the consumer. Since this unit was sold as a refurbished item, the warranty does not apply to any cosmetic appearance items such as scratches. Should a defect occur, the **Refurbished Product Service Center** will repair or, at its option, replace defective unit/parts with new or rebuilt materials without charge for either parts or labor. Replacement unit/parts will be warranted for the remaining portion of the original warranty period.

This warranty does not cover installation or damage from accident, misuse, abuse, improper wiring, incorrect voltage, operating the unit against the instructions in the owner's manual or any product which has been opened, altered, or tampered with.

This warranty does not cover costs for removal and or installation of the unit for repair. Under no circumstances shall the service center be liable for any special, incidental or consequential damages or for any other expenses incurred by reason of use or sale of this product. This warranty is in lieu of any other warranties expressed or implied warranty of merchantability of fitness for particular use or otherwise.

This warranty gives the consumer specific legal rights and they may also have other rights which vary from State to State. Some States do not follow the exclusion or limitation of incidental or consequential damages, hence the above exclusion and limitations may not apply.

Refurbished Product Service Center
9043 Siempre Viva Rd Suite 110/120, San Diego CA, 92154

WARRANTY REPAIR INFORMATION

If you need service on your unit and this product requires repair during the 90 days warranty period; please go to **www.ConsumerServiceRefurbish.com** or call the **Refurbished Product Service Center** at 562-946-3531 to obtain the required return authorization (RA) number. Pack the unit properly (the original carton is ideal for this purpose) along with a copy of your purchase receipt and a letter describing the problem. Send the unit freight prepaid and insured to:

Refurbished Product Service Center,
Att: Customer Service Department 9043 Siempre Viva Rd Suite 110/120,
San Diego CA, 92154

Your unit will be promptly repaired and returned to you.
We will refuse to accept delivery of the returned unit unless the assigned RA number appears on the outside of the shipping carton.

Owner's Information
(Keep for your permanent records)

NAME: _____

ADDRESS: _____

CITY: _____

STATE: _____

ZIP CODE: _____

PHONE: _____

E-MAIL: _____

MODEL: _____

SERIAL NO.: _____

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OBPN: 280602021150

SHNMDL:85S410R_B / ADD: 85S450R

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