

TCL

The Creative Life

User's Guide

For use with models: LE50UHDE5692G






*Need assistance?
visit our website at www.tclusa.com
or call 1-877-300-8837 (for mainland 48 States),
or 1-877-800-1269 (for AK, HI, and Puerto Rico).*



COLOR YOUR WORLD

Figures and illustrations in this User's Guide are provided for reference only and may differ from actual product appearance. Product design and specifications may be changed without notice.

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: 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 component.

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 shall not be exposed to excessive heat such as sunshine, fire or the like.
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Refer to the identification/rating label located on the back panel of your product for its proper operating voltage.

FCC regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

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 4 inches 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 on the next page.

The Power button (followed by the power symbol) 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 as disconnect device, the disconnect device shall remain readily operable. Therefore, you should ensure that the TV is installed in a manner that allows you to disconnect the power cord when desired.

Product Registration

Please register your TCL purchase on-line at www.tclusa.com. It will make it easier to contact you should it ever be necessary. Registration is not required for warranty coverage.

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.

Model No. _____ **Serial No.** _____
Purchase Date _____ **Dealer/Address/Phone** _____

Important Safety Instructions

1. Read and follow all instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
5. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
6. Protect the power cord from being walked on or pinched particularly at plugs, receptacles, and the point where it exits from the component.
7. Do not use this apparatus near water.
8. Only use the attachments/accessories specified by the manufacturer.
9. Clean only with dry cloth.
10. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the component. When the TV is placed on a cart, use caution when moving the cart to avoid injury from tip-over.
11. Warning: To avoid any injury caused by lean of the product, please always ensure the whole product was placed within the table surface in horizontal.
12. Unplug this component during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified service personnel. Service is required when the component is damaged in any way, such as power supply cord or plug damage, liquid spilled on or objects falling onto the component, rain or moisture exposure, abnormal operation, or if the component has been dropped.
14. 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:

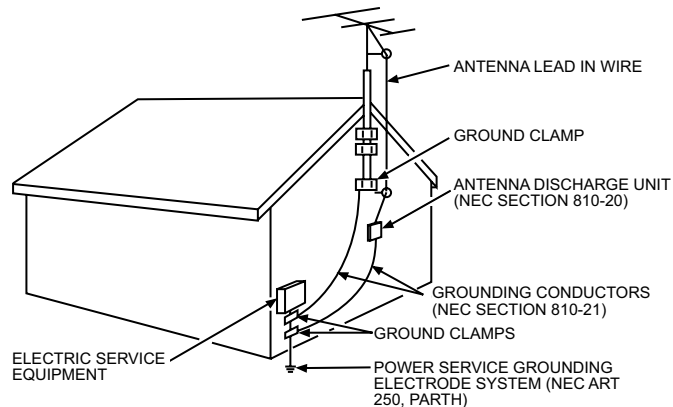


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Before Initial Setup

Protect Against Power Surges

- Connect all components before you plug any power cords into the wall outlet or power strip.
- NEVER plug your TV into an outlet that is controlled by a wall switch.
- Turn off the TV before you connect or disconnect any cables.
- Make sure all antennas and cables are properly grounded. Refer to the Important Safety Instructions.

Safety Information

- Prevent TV from overheating with a good ventilation area.
- Don't block ventilation holes on any of this TV. Arrange the TV so air can circulate freely.
- Don't stack object onto this TV.
- If you place the TV on a stand, make sure you allow adequate ventilation.
- If you connect an audio receiver or amplifier to the TV, place it on the top shelf so the heated air won't harm the TV.

Avoid Audio Interference

- Position cables properly; insert each cable firmly into the designated jack.
- Route all cables down one side of the back of the TV instead of straight down the middle.
- If your antenna uses 300-ohm twin lead cables, do not coil the cables.
- Keep twin lead cables away from audio/video cables.

Avoid Direct Light

Don't place the TV where sunlight or room lighting is directed toward the screen. Use soft or indirect lighting.

Check Supplied Parts

Check that the following parts were packed with your product.

- 1 Remote Control and 3 AAA Batteries
- User's Guide
- Quick Start Guide
- Parts for Base Stand Assembly:
 - Base Stand
 - (M4 x 20) Screw x 4

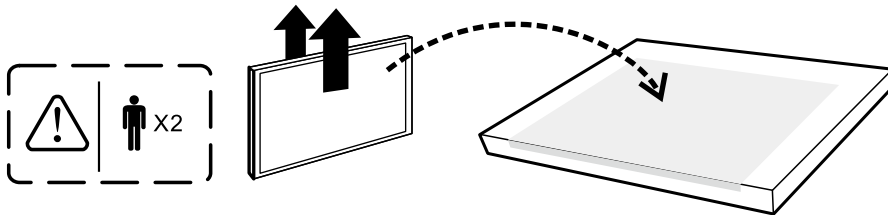
Replacing your remote

If you need to replace your remote, visit www.tclusa.com. Shipping and handling fee, and the appropriate sales tax, will be charged upon ordering. Have your Visa or MasterCard ready.

Connections and Setup

Attaching Your TV to the Base Stand

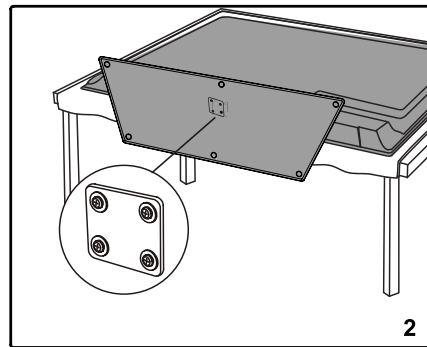
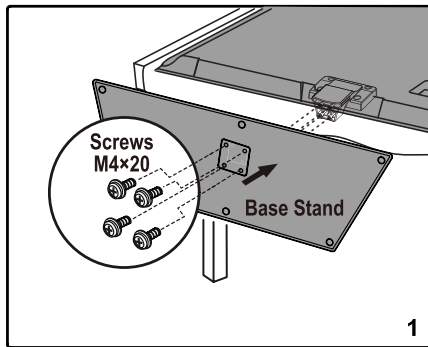
Your TV comes without the base stand attached so that you can choose to mount your TV either to its base stand or to a wall (wall mount sold separately). If you want to mount your TV to the wall, don't attach the base stand. Follow the Mounting Your TV to the Wall instructions.



First, remove the TV bag and place it on a large, flat surface such as a table or countertop. Remove the TV from the carton and place it face down on the TV bag. Be sure that the TV is face down to avoid scratching the screen.

Then follow the steps below:

Note: Keep the screws and plastic parts away from grease and organic solvents to avoid damage, Especially during the assembly process.



Mounting Your TV to the Wall

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

To mount your TV to the wall, purchase a VESA wall mount.

Models of 50"

Purchase a VESA 400 x 200, screws M6x12.

The VESA number is the horizontal and vertical measurement of the mounting holes. For example, 400x200 refers to the fact that the mounting measurements are 400mm horizontally and 200mm vertically.



Notes: Follow the directions included with the wall mount to mount the TV to the wall.

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

Connections and Setup

Buttons on TV

You can operate this TV using buttons on the side of panel.

- CH+/-** Selects channels stored in the channel list or acts as the up/down arrow (⤴⤵) through the menu items.
- VOL+/-** Increases/decreases the volume or acts as the right/left arrow (⤵⤴) through the menu items.
-  **(HOME button)** Brings up the TV's home page.
- OK** **(OK button)** Confirm your selection or enter the next screen.
-  **(POWER button)** Turns the TV on or to standby mode.



Explanation of Jacks on TV

This section describes the jacks on the side/back panel of your TV. There are several ways to connect components.



Ethernet: Lets you connect an Ethernet cable to access the Internet.

SPDIF (Optical) - DIGITAL AUDIO OUT: Use a digital optical cable to connect your TV to a compatible audio receiver.

ANT/CABLE/SAT IN: Lets you connect a coaxial cable to receive the signal from your antenna, cable, cable box or satellite receiver.

AV IN Adapter: Lets you connect a component that has composite video jacks, such as a VCR or DVD player. (Note that you must connect an Audio/Video adapter cable with three color jacks to this adapter jack first, Yellow jack for VIDEO connection, red and white jacks for R AUDIO and L AUDIO connection.)

HDMI 1 IN (4K/DVI IN): Provides an uncompressed digital connection that carries both video and audio data by way of an integrated mini-plug cable. Since HDMI technology is based on Digital Visual Interface (DVI), HDMI 1 port is also compatible with DVI components. *(Note: If using a DVI component, remember to connect the audio cable because the DVI cable carries only the picture signal, not the sound. DVI share the Audio jacks from Audio/Video adapter cable connected to the AV IN Adapter.)*

HDMI 2 IN (MHL): Lets you connect a component, such as a digital cable or satellite box, with an HDMI output for the best picture quality. MHL stands for Mobile High-definition Link, and allows you to link a MHL-capable mobile device to the television.

HDMI 3 IN (4K) : Lets you connect a component, such as a digital cable or satellite box, with an HDMI output for the best picture quality.

USB: Allows you to connect a compatible mass storage device.

Note: Only this USB port is available to update software.



Connections and Setup

Choose Your Connection

HDMI (Recommended Connection)
Use the HDMI port to connect to a cable or satellite box, Blu-ray player, game console, and other devices.



USB connection
Connect USB storage devices to the USB port to enjoy photos, videos, and music.



Note: Only this USB port support software update.



Wired Ethernet

Access the Internet through wired connection.



Ethernet

SPDIF (Digital Audio out - optical)

Connect a home theater system.



SPDIF (Optical)
Digital Audio Out

ANT/CABLE/SAT IN

Connect the cable from the antenna or cable TV outlet.



ANT/CABLE
/SAT IN

AV IN Adapter (Alternate video connection)



AV IN
Adapter

Connections and Setup

Choose Your Connections

There are several ways to connect signal sources, such as BD player, DVD players and set-top boxes, to your TV.

Note: No cables are supplied with this TV. Please purchase the necessary cables for connection. A high-speed HDMI cable is recommended for better compatibility.

Input	Signal Compatability
Antenna/Cable	480i, 480p, 720p, 1080i (NTSC, ATSC, and QAM formats)
Composite Video	480i
HDMI	480i, 480p, 720p/60Hz, 1080i/60Hz, 1080p/60Hz, 3840×2160p
PC	VGA SVGA XGA SXGA WXGA

MHL Function (Mobile High-definition Link)

You can use the MHL functions by connecting the TV HDMI 2 (MHL) port and the USB port of a mobile device with an MHL cable.

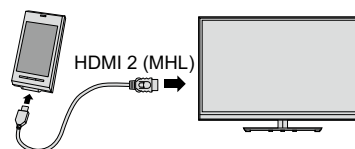
- Charge the mobile device from the TV
- Two-way remote operation between TV and mobile device
- Video/Audio contents play from the mobile device, and shown on the TV

Notes:

- These functions may not be available depending on the connected equipment.
- If there is no more battery life left in the connected device, charging will not start.

Connecting MHL-compatible Device

- Connect the MHL-compatible device to the HDMI 2(MHL) port on the TV using an MHL cable (not supplied), charging starts automatically.
- When connecting MHL-compatible device to HDMI 2(MHL) port on the TV, switch TV source to HDMI 2.



Note:

- Do not connect the MHL-compatible device to any ports other than HDMI 2(MHL) port.

When using MHL

- Interoperability with MHL devices of other manufacturers is not guaranteed.
- TCL does not provide any guarantee, therefore, against operational failure such as that described below when an MHL source is connected to the TV.
 - No picture or sound
 - Some of the functions do not work by remote operation from the TV
- If the MHL does not work properly, also contact the manufacturer of the source device for advice on its use.
- Do not disconnect the power plug of the TV when the TV is active and the MHL device is being connected.
- Do not disconnect the power plug of the TV when the TV is in standby mode and the MHL device is being connected.

Connections and Setup

Network Connection

High speed broadband internet service is required to access internet from this TV.

Your TV is internet-ready, and can be connected to your home network in two ways:

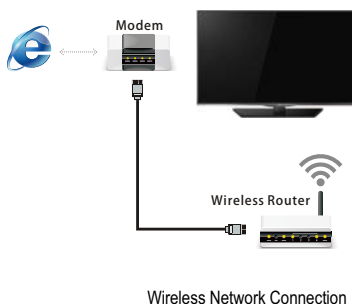
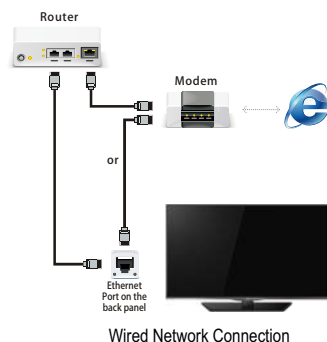
- Wired, using the RJ45 (Ethernet) connector on the back panel.
- Wirelessly, built-in a wireless setting and your home wireless network.

Note: *following are just the usual ways to connect your TV to the wired or wireless network. The connection method may be different and you can make the connection depending on your actual network configuration. Please refer to your Internet Service Provider.*

Connecting to a wired network

To connect to a wired network:

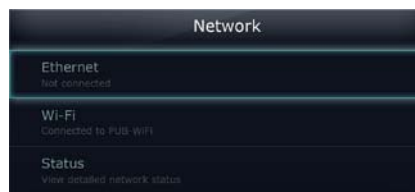
1. Ensure you have:
 - An Ethernet cable with proper length connecting your TV and a router
 - A router or modem with an available Ethernet port
 - A high-speed internet connection
 - An **Ethernet port** on the back of the TV
2. Connect your Ethernet cable to the router and to the **Ethernet port** on the back of the TV.
3. Use the **Network Setup** to configure the TV.



Network Setup

After you connect your home network to the TV, follow the steps below to configure your TV to be connected to the network.

Press HOME to display Home Page, select [Settings] > [Network], press OK to display its options: Ethernet, Wi-Fi, Status.



Wired Network Setup

To connect to a wired network, select [Ethernet] and press OK.

[IP settings] shown as [DHCP] by default, press OK and ⏏ to select [DHCP] or [Static]. If select [Static], the options under IP setting need to be filled, such as IP Address, Mask etc.. After filling these data, press ⏏ to select [Set] and press OK to confirm, and TV will display if it is connected successfully or not.



Connections and Setup

Wireless Network Setup

Select [Wi-Fi] to connect to a WiFi wireless network, and press OK.

- **Wi-Fi Switch**

Press OK to check (turn on) or uncheck (turn off) Wi-Fi.

- **Wi-Fi networks**

When WiFi is on, the Wi-Fi network list would be displayed. When Wi-Fi is off, only [Add Wi-Fi network] will be shown.

If the WiFi network is already connected, [Connected] will be shown below the Wi-Fi name.

- **Select a Wi-Fi network:**

If it is remembered and connected, you can select [Forget] or [Cancel];

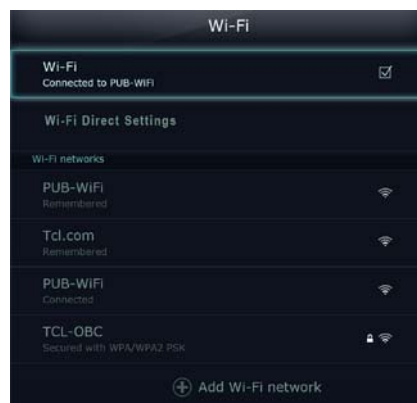
If it is remembered but not connected, you can select [Connect], or [Cancel];

- **Add Wi-Fi network**

Select [Add Wi-Fi network] to add WiFi manually by inputting [network SSID] and selecting [Security] level. There are three choices for security level: Open, WEP, WPA/WPA2 PSK. Fill in the necessary information corresponding to the security level, then select [Save], the Wi-Fi network would be saved and shown on the list.

Status

You can check information for network status. This interface is only for display, and options can not be selected.



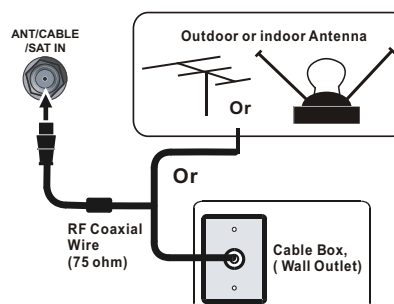
Connections and Setup

Obtain the Signal

The first step in connecting your TV is obtaining the signal. The back panel of your TV allows you to receive analog and/or digital channels by using the **HDMI** or **ANT/CABLE/SAT** connections. To obtain the best quality, use the **HDMI** connection.


Connect the outdoor or indoor antenna to the **ANT/CABLE/SAT IN** connection on the back of the TV to receive off-air channels. Use an **HDMI** connection to display the best picture and sound quality for satellite and cable

- If you have a set-top box, you may need to call your cable company or satellite service provider. They may recommend special cables to allow you to view digital channels.
- The aerial socket (75 OHM - VHF / UHF / cable) can be used for connecting an external aerial or other equipment fitted with a modulator (video recorder, satellite receiver, etc.). We recommend that you do not connect other equipment (video recorder, satellite receiver, etc.) to your TV set to begin with, so as not to complicate the set-up procedure with the additional steps involved. Connect them when you have finished setting up the channels.
- Visit www.antennaweb.org for help in deciding what type of antenna to use in order to receive the local digital channels available to you. Enter your location, and the program will list local analog and digital stations available using your antenna.




Switching On

Follow the instructions on this page on how to switch on your TV and use the remote control before the channel scan procedure.

1. Insert three AAA batteries in the remote control.
Cautions on using batteries!!!
 - Only use the battery types specified.
 - Make sure you use the correct polarity.
 - Do not mix new and used batteries.
 - Do not use rechargeable batteries.
 - Do not expose batteries to excessive heat such as sunshine, fire or the like, throw them in a fire, recharge them or try to open them, as this could cause them to leak or explode.
 - Remove the batteries from the remote control if you are not using it for a long period of time.
2. Connect the power cable to a power outlet. (If the power cable is not connected to the television, please first connect the power cable to the television.) Your TV set should only be connected to an AC supply. It must not be connected to a DC supply. If the plug is detached from the cable, do not, under any circumstances, connect it to a power outlet, as there is a risk of electric shock.
3. When plug in a power outlet, the TV is in standby mode, press  on the remote control or button on the TV to switch on the TV.


Switching Off

To set the TV into Standby mode, press  on the remote control or button on the TV, when the TV is on Standby mode, it has low energy consumption.

To disconnect power from the TV, unplug the power cord from the power outlet.

Connections and Setup



Initial Setup

Perform the following steps before you press  on the remote control.

- Insert the batteries into the remote control.
- Connect the antenna cable to the TV.
- Plug in the AC cord to the AC outlet.
- Connect your TV to the home network.

The first time you switch the set on, the **Initial Setup** opens, which guides you through the initial setup process.

Step 1 Select Language



Press   to select your preferred language for the menu system, and press OK to confirm. Select [Next] and press OK to proceed to the next screen.

Step 2 Pairing remote controller

Press and hold the VOL+ and VOL- keys simultaneously for 3 seconds. When the POWER LED on the remote lights, release the keys and wait for the TV to pair with the remote. After the TV successfully pairing the remote controller, Motion/Voice control and air mouse can be used. Select [Next] and press OK to proceed to the next screen.

Step 3 Select Environment

Choosing [Home] mode for the TV and assigns the picture settings for most home environments.

Choosing [Retail] mode, which is not ENERGY STAR compliant, sets the TV up with predefined settings for retail store display. In this setting, the power consumption may exceed the requirements of the ENERGY STAR® qualification. Use   to select the desired location setting ([Home] or [Retail]). Press OK to confirm. Select [Next] and press OK to proceed to the next screen.

Note: if you select [Retail] mode, a screen menu will ask you, if you want to go back to the previous menu to select [Home] mode, select [Cancel] and press OK. Or you can select [OK] and press OK on the remote to proceed to the next screen.

Step 4 Connect to the Internet

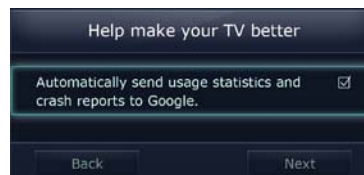
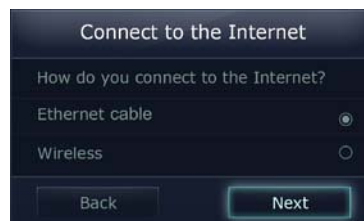
Google TV requires Internet service to access the web and Smart TV applications. Connect Internet using your existing wireless home network or Ethernet cable, and follow the guides on the screen. Select [Next] and press OK to proceed to the next screen.

Note: You can also skip this step by selecting [Skip step], and connect to the internet later. Details please see "Network Connection" & "Network Setup".

Step 5 Help make your TV better

System would automatically send usage statistics and crash reports to Google after checking this option.

Select [Next] and press OK to proceed to the next screen.



Connections and Setup

Step 6 Enter ZIP code

Enter your ZIP code in the input box, so you can receive accurate programming information. Select [Next] and press OK to proceed to the next screen.

Step 7 Set up TV service

This step tells how to search TV channels.

1. You can choose TV service provided through your built-in Tuner by selecting [I have over-the-air or other TV service using my built-in TV tuner] and press OK to confirm. Select [Next] and press OK to proceed to the next screen.
2. Select your lineup provider from the list, then select [Next] and press OK to proceed to the next screen.
3. Make sure that you connect TV cable to the antenna/cable input jack on the back of the TV. Select [Next] and press OK to proceed to the next screen.
4. Select [Air] or [Cable] as the Antenna Type, then select [Next] and press OK to start auto tuning. Users can skip current searching by selecting [Next (ATV)] and pressing OK, [Next (ATV)] will change to [Stop], press OK again to stop the search. When ATV searching is attend to finish, [Next (ATV)] will change to [Stop]. Selecting [Stop] would stop DTV searching.
5. When all the searching is done, the [Media Device Setup] menu shows that you have successfully configured the Built-in Tuner for use with the TV. Select [Next] and press OK to proceed to the next screen.

That's it

This step explains that you finish all the initial setup. Select [Finish] and press OK, TV will give you a quick tour as follows.

System Quick Tutorial

Home

The Home key gives you quick access to applications and notifications no matter where you are on your TCL Android TV.

Google Play Store

Download apps and games from the Google Play Store and make your TV what you want it to be.

TV & Movies

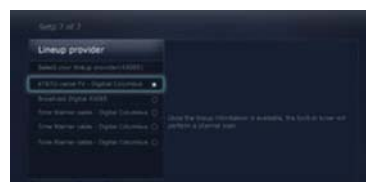
TV & Movies is a new way to find out what's available on TV and the web all in one place.

Voice Search

Press the SEARCH key to find TV shows, TV channels, Web sites... and much more! Press VOICE search key for 'Voice search' experience.

Menu

Press the menu key to access any available options. Try it in Home or Google Chrome to see what's under the hood.



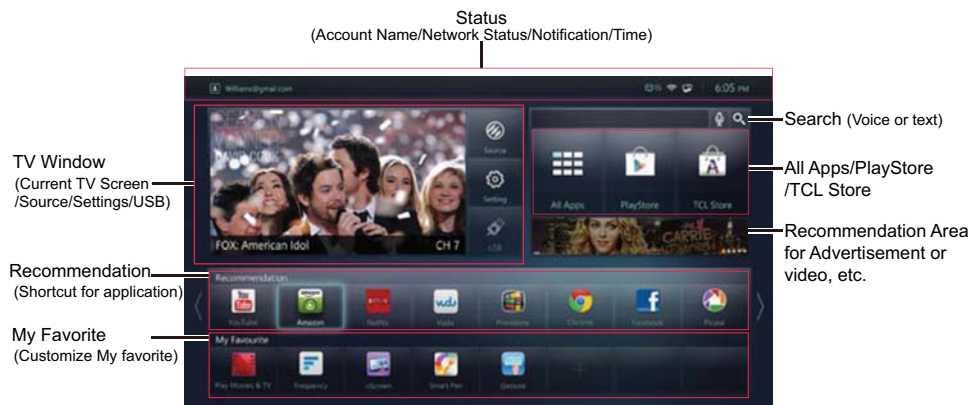
Chapter 2

Home Page

You can select all the features from Home Page.

1. Press HOME to display Home Page.
2. Press $\leftarrow \rightarrow \wedge \vee$ to select items (various functions, settings or applications).

Home Page Map (The actual screen may differ from the image below.)



Status

Shows the Account Name, Notification, Network status and Time. Select Notification icon and press OK to display information about downloading applications, software updates, etc.

TV Window

Current TV Screen: Displays the current selected TV broadcast program.

Source: You can select equipment connected to the TV or edit the input name. Same function as [Settings] > [Input List].

Settings: Contains all of the necessary configurations to customize your TV settings. Details please see **System Settings Menu**.

USB: You can enjoy picture/music/video content via USB devices. Details please see **USB Function**.

Recommendation (Shortcuts for applications)

Presents shortcuts for your favorite applications. Based on your viewing history, select one to launch an application.

My Favorite

You can organize and personalize your favorite applications on Home Page. Details please see **Customize My Favorite**.

All Apps

Select [All Apps] and press OK to display all applications installed on your TV. The All Apps list is displayed in alphabetical order, and contains shortcuts for websites. Some applications may not be available in certain countries/regions.

Home Page

Play Store



You can purchase or download your favorite applications from Google Play Store. These applications are instantly available on your TV.


- You need to sign up for Google Wallet before purchasing paid applications.

TCL Store

You can also download your favorite applications from TCL Store. These applications are instantly available on your TV.

Using Search



Typing Search : Select , then input your query. Suggestions (searchable items) are displayed. Select your interest from suggestions. Note that you must sign in a Google account for use this option.

Voice Search : You can now search Google by speaking (your search term) into your Remote-- which contains its own microphone. This could be a convenient way to search item, instead of typing. For the first time, a tutorial will show you how to use the voice search, follow the guides on the screen.

Options for Home Page

When Home Page displayed, press MENU, [Options] menu for Home Page pops up:

Startup Application: If you register a startup application, that application launches when your TV is turned on. Select [Startup Application] and press OK, [Live TV] and [Home page] displayed on the screen, select one of them to launch at startup.

Changing the Wallpaper: You can select a wallpaper pattern. Select [Wallpaper] and press OK. Press   to select a wallpaper pattern and press OK to check. Select [Save] and press OK to save it as the Wallpaper.

Customize My Favorite:



You can add/remove the application from My Favorite or change the position of the application.

• To replace applications

1. Select [Customize My Favorite] and press OK. Focus will switch to the applications of My Favorite on Home Page.

2. Select the application you want to replace. Then press OK, a menu including [Move, Replace, Remove from Home] pops up.
3. Select [Replace]. A list of applications displayed.
4. Select the application you want to add instead.
5. Press OK to confirm.

• To move applications

1. Select [Customize My Favorite] and press OK. Focus will switch to the applications of My Favorite on Home Page.
2. Select the application you want to move. Press OK.
3. Select [Move].
4. Press   to change the position.
5. Press OK to confirm.

• To remove an application

1. Select [Customize My Favorite] and press OK. Focus will switch to the applications of My Favorite on Home Page.
2. Select the application you want to remove. Press OK.
3. Select [Remove from Home].
4. Press OK to confirm.

• To add an application

1. Select [Customize My Favorite] and press OK. Focus will switch to the applications of My Favorite on Home Page.
2. Select [+]. Press OK. A list of applications displayed.
3. Select the application you want to add.
4. Press OK to confirm.

After above operation for application finished, press BACK to exit.

USB Function

Your TV is equipped with USB ports that enable you to view pictures, listen to music or watch videos stored on a USB storage device.

Supported file formats:

Picture: JPEG/PNG/BMP
Music: MP3/AAC/AC3/WMA
Video: AVI/MKV/MPEG/TS/MP4

Note:

Home Page

Some USB keys and USB products like digital cameras or mobile phones are not fully compatible with USB 2.0 standard so it may not work with the TV multimedia player.

1. Connect a USB device containing photo, music and/or movie files to the USB port on the back or side panel of the TV.
2. Select [USB] on Home Page and press OK. When USB devices are connected to the TV, [All Devices] displays all the available devices on the screen. Select a connected device, and then press OK to enter.

Playing Music

1. Press ⏪ ⏩ ⏸ ⏮ ⏭ to select the desired music file in the file list.
2. Press OK. When the music is playing, you can press MENU, and adjust the menu controls: Play/Pause, Backward, Forward, Previous, Next, Back, and play mode (All Repeat, Order, Once, Repeat One).
3. Press Back to exit.

Displaying Picture

1. Press ⏪ ⏩ ⏸ ⏮ ⏭ to select the desired picture file in the file list.
2. Press OK to display the picture. When the picture is playing, you can press MENU, and adjust the menu controls: Play, Preview, and Next, Rotate Right, Rotate Left, Zoom In, Zoom Out, Description, Music and Back.
3. Press Back to exit.

Playing Video

1. Press ⏪ ⏩ ⏸ ⏮ ⏭ to select the desired video file in the file list.
2. Press OK. When the music is playing, you can press MENU, and adjust the menu controls: Play/Pause, Backward, Forward, Previous, Next and Back.
3. Press Back to exit.

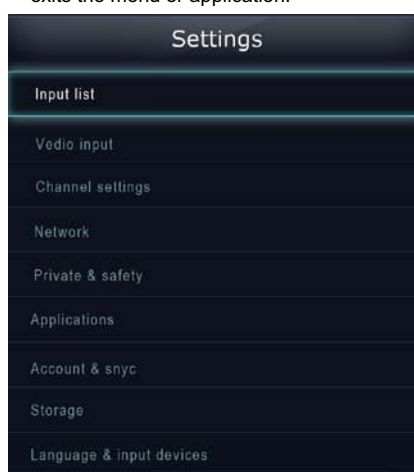
Chapter 3

System Settings Menu

Select [Settings] on Home Page and press OK to open Settings menu.

Note: some options may be not available for certain signal sources.

- Press $\swarrow\searrow$ to select options or press $\ll\gg$ to adjust options;
- Press OK to confirm your selection or display the submenus of the selected one;
- Press BACK to return to the previous display, or exits the menu or application.



Input List

Select [Input List], press OK. All the input sources are displayed on the screen.



Select Video Input

Select an input source and press OK. If the input source is selected for the first time, you need to configure this input source for use with the TV in [Media Setup Device] menu, select [Finish] and press OK. Next time you select this input source, TV will directly go to the input source and show the corresponding picture.

Edit Input Name

Select [Edit Input Name] and press OK to rename input source except Built-in Tuner.

1. Only after you configure the input sources (HDMI1/2/3 and AV) for use with the TV in [Media Setup Device] menu, the name of the current input source under [Current Input Name] can be displayed and selected, for example, [HDMI1]. Press OK to display the input list as [AV, HDMI1, HDMI2, HDMI3].
2. Press $\swarrow\searrow$ to select one you want to rename. [HDMI3] for example, press OK to confirm and return to the previous screen.
3. Select [Reset] under [Edit Input Name], and press OK to display the rename list. Press $\swarrow\searrow$ to select a name, for example, [VCR] and press OK to confirm and return to the previous screen.
3. Select [Set] and press OK. [HDMI 1] changed to [VCR] and shown in the input list.

If you want to change [VCR] to [HDMI1] again, repeat step 1 and 2, in step 3 just select [Reset], then select [Set] and press OK, the name of the input source will be reset to the default [HDMI1].

Video Input

This option let you customize your video input settings.

Edit Configured Devices

If you select [Built in tuner], you can only configure the following settings.

• Edit Channel List

Same operation as "Options Menu > Channel Setting > Edit Channel List".

• HD Channels

Select [HD Channel], the search results would include all available HD channels. This option is checked by default and can not be selectable.

• Disconnect Device

Select [Disconnect Device], and confirm to disconnect designated device from the TV.

• Change Channel Lineup

This option allows you to select channel lineup provider.

Note: For the input sources other than built-

System Settings Menu

in Tuner, such as HDMI or AV, only [Disconnect Device] can be selectable.

Select available source

All the external input sources will be listed on the screen. Select one and press OK to configure it for use with the TV, system would add the selected device into the video input list. If you have configured all the input sources for use with the TV, this option will disappear.

Channel Setting

Details please refer to "Options Menu > Channel Setting".

Network

This option helps to connect the TV to internet. For details please see "Network Connection" & "Network Setup".

Picture & Sound Same function as "Options menu > Picture Menu" and "Options Menu > Sound Menu".

Privacy & Safety

Reporting - Personal Data

Select [Reporting] and press OK to check or uncheck this option. Usage statistics and reports would be sent to Google automatically after checking this option.

Safety - Parental Control

Select [Parental Control] and press OK. Enter the correct password. Details see "Options Menu > Parental Control".

Safety - Factory data reset

Select [Factory data reset], press OK to display the confirmation message. Select [OK] and press OK on the remote, this will erase all data from your TV's internal storage, including: Your Google Account, System and application data and settings, Downloaded applications. You can also select [CANCEL] to cancel this operation.

Backup and restore

• Automatic restore

Backup settings and other data would be restored when this option is selected.

• Back up my data

This option allows you to back up application data and other settings to Google servers when this option is selected.

• Backup account

You can select backup account in the list. If you do

not sign in any accounts, select [Add account] and press OK to add one.

Applications

Applications menu includes 2 options: **Unknown sources**, **Manage applications**.

Unknown Sources

This option is unchecked by default. If you select and press OK to check the option, an "Attention" message would pop up, and ask if you agree that you are solely responsible for any damage to your device or loss of data, which may be the result from using these applications, select [OK] and press OK on the remote to confirm.

Manage Applications

This option allows you to manage and remove installed applications. Select this option and press OK. Three tabs are on the top: All, **Downloaded** and **Running**. [All] is selected by default. To select other tabs, Press <>.

- **All** If [All] is selected, all of applications would be listed out under the tab. The usage condition of RAM would be shown at the bottom to inform users the used storage space and the left one.

- **Downloaded** If [Downloaded] is selected, only downloaded applications would be listed out.

- **Running** If [Running] is selected, only running applications and the corresponding running time would be listed out.

If you select an application in [All] or [Downloaded] list, press OK, system would go to the detailed information page of the selected application, you can do operations shown on the screen, such as [Uninstall], [Force Stop], [Clear Data] etc.. Force stopping an application can cause it to misbehave. Follow the guides on the screen to operate.

If you select an application in [Running] list, only [Stop] can be selected. Selecting this option allows you to stop this service. Some features of the TV may stop working correctly until you power it off and then on again.

Note: Not all the application can be selectable.

Accounts & Sync

General Sync Settings

[Auto-sync] can be selected to make data in or out of sync.

Manage Accounts

[Manage accounts] shows the Google accounts that have logged in and add account option. Select account and press OK, if you want to remove the current Google Account, select [Remove account], and confirm if you want to remove. When account is removed, all messages, contacts, and other data will

System Settings Menu

be deleted from the TV.

Select [Add account] and press OK, menu for [Sign in with your Google Account] pops up.

Storage

Storage menu includes 2 options: Available, Total.

Available shows current available storage space that can be utilized.

Total shows the total storage space.

Language & Input Devices

Current Keyboard

Allows you to select an available input method.

Configure Input Methods

Allows you to install input method according to different types of keyboards.

Pointer Speed

Users can adjust speed of connected mouse or touch pad by pressing left and right. Select [OK] and press OK to confirm settings, or select [Cancel] to cancel operation.

Select Language

List all the available language for selecting. Select one, and press OK. System would change into the corresponding language.

Voice Search and Voice Recognition

Voice search and voice recognition includes 4 options:

- **Language**

Select this option and press OK, a list of languages displayed. Press ↵ to select one and press OK to confirm.

- **Block offensive words**

Recognized offensive voice results would be hidden after checking this item.

- **Tutorial**

You can select this option to start the Voice Search tutorial.

- **Additional information for Voice Search**

Select this option and link to network for more information.

Date, Time & Location

Get Time from Stream

Select this option, you can use stream-provided time. Meanwhile, [Set time] and [Set date] would be disabled and displayed in grey.

Automatic date & time

Select this option, you can use network-provided time. Meanwhile, [Set time] and [Set date] would be disabled and displayed in grey. [Get time from stream] would be unchecked automatically.

Use 24-hour format

Select this option, system would adopt 24-hour format. Otherwise, 12-hour format would be used.

Set date

This option allows you to set date with selecting exact day, month and year.

Set time

This option allows you to set time with selecting exact minute and hour in 24-hour format or 12-hour format.

Select date format

You can select different format to show the date.

Select time zone

Select and set this option and go to a list of time zone for selection.

Timer-Sleep timer

You can set the length of time until TV turn off.

Set location

You can locate your city by entering ZIP Code.

Environment Selection

Select this option and press OK. Press ↵ to select [Home] or [Retail]. Press OK to confirm.

About

Product/Service info

Select this option to display the information about this product, such as model number, software version, etc.

System updates

- **Local update**

Select this option, system would search update package in external device. If new update package is available, TV will restart in seconds and update to the new version. During the update, please do not power off TV.

- **Network Update**

Select this option, system would analyze whether need to update to the new version. If need to update, system would determine if flash have enough storage space for update.

System tutorial

The whole system tutorial includes introduction of 5 parts: Home, Google Play Store, TV & Movies, Voice Search, Menu.

Note: you can check other information about Google Legal etc. in [About] menu.

When screen is showing picture from TV source, press MENU, **Options** menu would pop up, including 6 options: **Channel Setting, Change Input, Picture, Sound, Closed Captions, Parental Control.**

Note: some options may be not available for certain signal sources.

- Press $\swarrow\searrow$ to select options or press $\ll\gg$ to adjust options;
- Press OK to confirm your selection or display the submenus of the selected one;
- Press BACK to return to the previous display, or exits the menu or application.

Channel Setting

Select [Channel Setting] and press OK.

Auto Tuning

When you perform an Auto Tuning, the TV searches for available channels with signals and stores the channel information in the Channel List. When watch TV and press CH+ or CH-, the TV displays the available channels from the Channel List and skips the channels that do not have signals from the stored list. If the TV signal source changes – for example, change from an outdoor antenna to cable box – you will need to rescan for available channels. To automatically scan for channels, refer to the same operation as the "**Connections and Setup > Initial Setup > Step 7 Set up TV service**".

Edit Channel List

You can hide channels in the channel list. Then, when you press the CH+ or CH- button, or when you press OK to display the channel list, the TV will skip the hidden channels. You can still tune to these hidden channels by pressing the number of the channel on the numeric keypad.

1. Select [Edit Channel List] and press OK. Available channels stored in the channel list for built-in tuner displayed on the screen.
2. Press $\swarrow\searrow$ to select a channel, and then press OK to check (display) or uncheck (hide) the channel. [Search channels] allows you to search channels by inputting search item.

[Check all] allows you to check all the channels in the channel list.

[Uncheck all] allows you to uncheck all the channels in the channel list.

Favorite Channels

Please connect to the Internet first, TV need work under network environment for operating this option. Select [Favorite Channels] and press OK, you need to sign in a Google account, then enter [PrimeTime]. If you have not a Google account, you need to create a new one. Follow the guides on the screen.

Change Input

Same functions as "System Settings Menu>Input List".

Picture Menu

The menu of adjusting the picture are for obtaining the best picture settings according to your preference, the type of program and the ambient lighting.

Picture Preset

Displays a list that lets you select one of the preset picture settings: Energy Star, Dynamic, Studio, Movie, Personal.

Backlight

Adjusts the backlight level. Only when [Energy Saving] is set to [Off], this option can be selected.

Brightness

Adjusts the brightness of the picture.

Contrast

Adjusts the difference between the light and dark areas of the picture.

Saturation

Adjusts the richness of the color.

Hue

This option adjusts the balance between the red and green levels.

Sharpness

Adjusts the crispness of the edges in the picture.

Color Temperature

Select the color temperature: "Normal, Warm, Cool, Customer".

Screen Mode

Selects the desired screen format. The screen format may vary depending on the incoming signal.

Energy Saving

Select [On] to turn on the energy saving mode. This

Options Menu

option automatically adjusts the brightness of the backlight according to the content of the incoming signal so as to optimize the picture quality and decrease power consumption.

Note: when [Energy Saving] is set to [Off], the power consumption may exceed the requirements of the ENERGY STAR® qualification.

MEMC This function provides more sharpness on moving pictures. Choose [High] level to keep the picture sharp at all times; however, very small details may fade a little at high speed. Choose [Low] or [Middle] levels to reduce the motion compensation. If [Off] is selected, this function is turned off.

Advanced Settings

Select [Advanced Settings] and press OK to display the options:

Film Mode Optimizes the picture for watching film. Select [On] to automatically detect a film-based source, analyzes it then recreates each still film frame for high-definition picture quality.

Dynamic Contrast Turns on this option to adjust the contrast automatically.

Black Stretch This option always tries to create black on the darkest points of the picture.

Flesh Tone Automatic flesh tone reappearance for color enhancement in TV.

Gamma Lets you adjust the Gamma correction.

White Balance This option can be adjusted only when [Color Temperature] is set as [Customer].

RGB Only Mode This option is used for calibration purposes only. With this option turned on the TV can apply a Red, Green, or Blue filter for use when calibrating the TV. This option can be adjusted only when [Color Temperature] is set as [Customer]
[Off]: Disables RGB Only Mode.

[R Only Mode]: Applies a Red Filter to the picture.

[G Only Mode]: Applies a Green Filter to the picture.

[B Only Mode]: Applies a Blue Filter to the picture.

Sound Menu

[Sound] menu lets you adjust audio output.

Balance Adjusts the amount of audio sent to the left and right speakers.

Bass Adjusts the bass. Available only when [Sound Mode] is set as [User].

Treble Adjusts the treble. Available only when [Sound Mode] is set as [User].

SRS TruSurround HD Option [On/Off]. When turned on, renders premium virtual surround sound.

Sound Mode Allows you to choose a specific sound preset from a list: Standard, Music, Movie, News and User.

SPDIF Type This option controls the type of audio stream sent to the Digital Audio Output jack (**SPDIF OUT**). Available options are [Dolby Digital/PCM/Off].

Auto Volume Control Option [On/Off]. This option reduces the annoying blasts in volume that often occur during commercial breaks, and also amplifies softer sounds in program material, eliminating the need for constant volume adjustment.

MTS This option controls the manner in which the sound comes through your speakers. Options available vary according to the input selected: G Stereo, Stereo SAP, Mono.

Note: The MTS option is only available for analog channels.

Audio Language

Choose from the list of languages available for the program you're watching. The language chosen becomes your preferred language for all digital channels until you turn the TV off. If the language chosen is not being broadcasted with a program, the TV plays the default language for the program (usually [English] in the US).

Note: The [Audio Language] option is only available for digital channels.

Closed Caption

Many programs are encoded with closed captioning information, which allows you to display the audio portion of a program as text on the TV screen.

Note: These settings must be set in the connected component's menu. Closed captioning is not available on all channels at all times. Only specific programs are encoded with closed captioning information.

Closed Caption Mode This option allows you to choose the way closed captioning information appears on the screen.

Off - No captioning information displayed.

On Always - Chooses this option if you want captioning information to be shown whenever available.

On when Mute - This option allows the closed captioning to display (when available) whenever the TV's sound is muted. The captioning information is not displayed when the sound is not muted.

Analog Closed Caption Type This option lets you select the captioning mode (CC1-CC4)

Options Menu

or TEXT1-TEXT4) used for displaying caption information, when available. If you are unsure of the differences among the modes, you may prefer to leave the closed captioned mode set to CC1, which displays complete text of the program in the primary language in your area.

Digital Closed Caption Type If available, this allows you to select a closed caption service mode (1-6) for digital channels.

Digital Closed Caption Style

This option is unavailable when [Digital Closed Caption Type] is set to [Off]

Caption Style - Select either [Automatic] or [Custom]. [Custom] mode allows you to set the options below.

Font Size - Allows you to set the size of the digital closed caption text.

Font Style - Allows you to choose a character design for the digital closed caption text. A font is a complete assortment of letters, numbers, punctuation marks, etc. in a given design. You can choose from a variety of fonts.

FG Color - Allows you to set the color of the digital closed caption text.

FG Opacity - Allows you to sets the appearance of the digital closed caption text.

BG Color - Lets you set the color of the area behind the digital closed caption text.

BG Opacity - Allows you to a set the appearance of the space behind the digital closed-caption

Font Edge Style - Allows you to sets the edge appearance of the digital closed caption text.

Parental Control

The choices in the US V-Chip and Canada V-Chip menus involve software inside your TV, referred to as V-Chip, which allows you to block TV programs and movies. TV programs can be blocked by age-based ratings, such as TV-MA. If available, TV programs can also be blocked by content, such as adult language (L). Movies can only be blocked by age-based ratings. Once you block programs, you can unblock them by entering a password. By default, the software inside your TV is turned off or unlocked.

V-Chip reads the program's age-based rating (TV-MA, TV-14, etc.) and content themes (Violence (V), Adult Language (L), etc.). If you have blocked the rating and/or content themes that the program contains, you receive a message that the channel is currently blocked. Change the channel or to enter your password and temporarily deactivate the

parental controls.

Broadcasters are not required to provide content themes, so programs received with no content themes are blocked only if you block their age-based rating. You can also block programs that have been given an Exempt rating, and programs that are considered unrated.

Enter Password

The default passcode 000000 must be entered when the first time you enter the [Parental Control] menu in order to adjust the parental control settings.

Select [Parental Control] and press OK, [Enter Password] menu would pop up. You can directly input number by pressing number button on remote control. After finishing the password, system would go to the [Parental Control] menu.

Input Block

Press \wedge \vee to select an input source, press OK to check (block) or Uncheck (unblock), press BACK to exit. When you tune to the blocked input, you will need to enter a password to view it.

V-Chip Setting

Select this item and press OK to display its options:

Rating Enable

Press OK to have this option checked so as to have the following parental lock settings to take effect.

Block Unrated TV

This option lets you decide if programs that the V-Chip recognizes as unrated or exempt can be viewed. Unrated TV programs may include news, sports, political, religious, local and weather programs, emergency bulletins, public announcements, and programs without ratings. Press OK to check or uncheck it.

US V-Chip

You can automatically block all program ratings above a specified age-based rating level.

1. Select [Parental Control] > [US V-Chip], press OK, both [MPAA] for Movie Ratings and [US TV Ratings] are displayed on the screen.

In the [US TV Ratings] panel you can customize the program blocking of the following TV ratings:

TV-Y	All children
TV-Y7	Children 7 years and older
TV-G	General audience

Options Menu

- TV-PG** Parental guidance suggested
TV-14 Parents strongly cautioned
TV-MA Mature audience only

You can also customize the TV ratings for the following content:

- D** Sexual explicit dialog
L Adult language
S Sexual situations
V Violence
FV Fantasy violence

In the [MPAA] panel you can customize the program blocking of the following Movie ratings:

- G** General audience
PG Parental guidance suggested
PG-13 Unsuitable for children under 13
R Restricted, under 17 requires accompanying parent or adult guardian
NC-17 No one under 17 admitted
X Mature audience only

Press <> ⏪ ⏩ to navigate through the rating options. Press OK to check (block) or uncheck (unblock) them.

Canada V-Chip

If you receive Canadian programs, you can block Canadian English and French V-Chip by ratings only. When you block a particular rating, you automatically block the higher-rated programs as well. To block Canadian English and French program ratings, follow these steps:

1. Select [Parental Control] > [Canada V-Chip], press OK to enter the next screen.
2. Press ⏪ ⏩ to select [Canadian English Ratings] or [Canadian French Ratings]. Press OK to proceed.

Canadian English Ratings:

- C** Children
C8+ Children 8 and older
G General audience
PG Parental guidance
14+ Viewer 14 and over
18+ Adult

Canadian French Ratings:

- G** General audience
8 ans+ Viewer 8 and older
13 ans+ Viewer 13 and older
16 ans+ Viewer 16 and older
18 ans+ Adult

3. Press ⏪ ⏩ to select the desired rating, then press OK check (block) or uncheck (unblock).

RRT Setting: Allows you to select the downloadable rating level. In the event that a new rating system is provided by the broadcaster, the new rating options can be selectable.

Reset RRT: Reset to the default RRT setting.

Change V-Chip Password

Allows you to set your individual password:

1. Select [Parental Control] > [Change Password], press OK to enter.
2. Use the number buttons to enter the six-digit number for your old password,
3. Then enter your new password
4. Re-enter the same code to confirm the new password.

Clear All

When you select this option, a confirmation box opens. If you select [OK] and press OK on the remote, all the settings of parental control would be set as factory default settings; if select [Cancel] and press OK on the remote, all of the settings would be remained.

Frequently Asked Questions (FAQs)

What's the quickest way to view High Definition (HD) video?

Connect an off-air antenna to the ANT/CABLE/SAT IN to view free local digital channels. You may need to purchase an antenna.

Visit www.antennaweb.org for assistance in deciding what type of antenna to use to receive the local digital channels available to you. By entering your location, this mapping program tells you which local analog and digital station is available using a certain antenna.

Are there other ways to view High Definition (HD) video?

Besides using an off-air antenna as mentioned above, you can also use a set-top box to receive digital video. Contact your cable company or satellite provider to purchase digital programming and have them connect the box to ensure you are viewing channels the best way.

Why are there bars on my screen and can I get rid of them?

Most digital video is sent in a 16/9 format which fills your screen, but is sometimes sent in 4/3 which does not fill your screen. It depends on how the station or device connected to your TV is formatting the video. If there are bars on the screen, select options of Screen Mode to try a different format that may eliminate the bars. Some bars can't be removed because of the way the format is sent by the broadcaster. The format changes as you select options of Screen Mode and the format type is displayed at the bottom of the screen.

Why does channel search find a lot of channels, but when I try to tune to them, there's nothing there?

Some channels enabled by the cable company don't carry programming, such as video on demand. When channels are unavailable, your TV screen is blank or appears like snow. You probably want to remove these channels from your Channel List. Remove these in the Channel Skip Menu.

Why does the first channel search take a long time?

If you have both analog and digital channels, the TV is looking for all available channels in the Channel List. If you do have digital channels, the TV is also searching for scrambled channels, non-scrambled channels, and each sub-channel of that digital channel.

Why is my picture quality poor?

Use the HDMI connections on your TV to display the best picture quality. However, even using the HDMI, your content and content source will dictate the picture quality you see. For example, source content that is 1080p will show better than 720p or 480p.

Other Information

Troubleshooting

Most problems you encounter with your TV can be corrected by consulting the following troubleshooting list.

TV Problems

The TV won't turn on.

- Make sure the TV is plugged in.
- Check the wall receptacle (or extension cord) to make sure it is "live" by plugging in another device.
- The TV panel controls may be locked (disabled). Use the remote control to unlock the TV panel controls.

There is no picture and no sound but the TV is on.

- You may be tuned to an input with no component connected to it. If you're trying to view a connected component, press **INPUT** until the picture from that component appears.
- The Signal Type option may be set incorrectly.
- The channel may be blank. Try changing channels.
- If you're watching your VCR and it's connected with coaxial cable to the **ANT/CABLE/SAT IN** jack, tune the TV to channel 3 or 4 (whichever channel is selected on the 3/4 switch on the back of your VCR). Also make sure the TV/VCR button on the VCR is in the correct mode (press the TV/VCR button on your VCR).

The sound is fine, but the picture is poor quality.

- If you're getting a black and white picture from a component you've connected to your TV, you might have your video cables connected to the wrong jacks. A yellow video cable connects to the yellow VIDEO INPUT jack from the audio/video adapter cable, which is connected to the AV IN adapter jack on the side or back of the TV.
- Check the antenna connections. Make sure all of the cables are firmly connected to the jacks.

There is no sound, but the picture is fine.

- The sound might be muted. Try pressing the volume up button to restore sound.
- If using DVI, remember to also connect the device's left and right audio output jacks to the red and white, AUDIO INPUT jacks from the audio/video adapter cable, which is connected to the AV IN adapter jack on the side or back of the TV.
- The sound settings may not be set correctly.

The screen is blank.

- Check your connections. If you used yellow, red, and white cables to connect, make sure they're connected to the red, white, and yellow AUDIO/VIDEO INPUT jacks from the audio/video adapter cable, which is connected to the AV IN adapter jack on the side or back of the TV.
- If you're trying to watch something that's playing on a component connected to the TV (like a DVD), press INPUT until you get to the correct video input channel.
- Make sure the component connected to the TV is turned on.
- Try another channel.

The TV turns off unexpectedly.

- The electronic protection circuit may have been activated because of a power surge. Wait 30 seconds, and then turn the TV on again. If this happens frequently, the voltage in your house may be abnormally high or low.
- Unplug. Wait 10 minutes. Plug in again.

Other Information

You can't select a certain channel.

- The channel may be blocked or not approved in the **Parental Control** Menu.
- If using a VCR, check to make sure the **TV/VCR** button on the VCR is in the correct mode (press the **TV/VCR** button on your VCR).
- Press the TV button and then try to change channels.

The stereo reception is noisy.

- It may be a weak station. Set MTS under Sound menu to Mono.

A black box appears on the screen.

- Closed captioning might be on. Check Closed Caption menu.

You are having problems with the HDMI Connection.

- Make sure the HDMI or DVI component is turned on and the cables are firmly connected. If problems still occur, turn off your component and reconnect it. Reset the power by unplugging the power cord and plugging it back in.
- If you are tuned to the **HDMI 1**, or other **HDMI** INPUT and you're receiving Unusable Signal message screen, press the **INFO** button on the remote. If Acquiring Channel appears in the **Channel Banner**, the HDMI or DVI device isn't responding. Contact the manufacturer of the HDMI or DVI device for further assistance.
- If you tune to the **HDMI 1**, or other **HDMI** INPUT and you see snow, the video goes in and out, or the video takes a long time to appear, your HDMI or DVI component is having trouble sending video information to the TV. Reconnect your device. Reset the power by unplugging the power cord and plugging it back in. If problems persist, try connecting the Y Pb Pr jacks if they are available or contact the manufacturer of the HDMI or DVI component for further assistance.
- If you have black bars on each side of your picture, the component you connected might have a switch or a menu option allowing you to change the picture quality output that will fix this. Choose either 720p or 1080i.

The remote control doesn't work.

- Something might be between the remote and the remote light sensor on the front of the TV. Make sure there is a clear path.
- The remote may not be aimed directly at the TV.
- The batteries in the remote may be weak, dead, or installed incorrectly. Put new batteries in the remote.

The Universal Remote control doesn't work.

This TV utilizes new remote control signals and may not be compatible with your existing universal remote (e.g. satellite box remotes, cable box remotes, and generic universal remotes, etc.). Over time, newer universal remotes and set-top box equipment will become available that should pick up the new TV codes.

You are experiencing problems with V-Chip/Parental Controls.

If the rating limits don't work, you must lock the settings. Select **Parental Control > V-Chip Settings > Rating Enable**, press OK to check this option to have the rating limits take effect.

What else can I do?

If you've been through the Troubleshooting section and nothing has fixed your problem, try rebooting your TV. Note that after a reboot, you may need to run your TV through the setup process again. To do a reboot, unplug the power cord from the wall outlet or power strip. Keep your TV unplugged for about 5 minutes. Then plug in the TV and turn it on. See if the problem is fixed. If the problem remains, then please visit www.tclusa.com for updated FAQs or contact TCL Customer Support at the support number provided in your Warranty under "How to Get Service."

Other Information

Care and Cleaning

Caution: Turn OFF your TV before cleaning.

You can clean the TV as required, using a soft lint-free cloth. Be sure to occasionally dust the ventilation slots in the cabinet to help assure adequate ventilation.

IMPORTANT: Never use strong cleaning agents, such as ammonia-based cleaners, or abrasive powder. These types of cleaners will damage the TV. The TV's screen may be cleaned with a soft, lint-free cloth as well. Take care not to scratch or mar the screen. If necessary, you may use a cloth dampened with warm water. While cleaning, do not spray liquid directly on the screen, or allow liquid to run down the screen and inside the TV. Also, never place drinks or vases with water on top of the TV. This could increase the risk of fire, shock hazard or damage to the TV.

Television Specifications

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

TTE Technology, Inc. (“TTE”) Limited Warranty

All LCD/LED Models.

What your warranty covers: Defects in materials or workmanship to the original owner of this TCL product when purchased as new from an Authorized Dealer of TCL brand products in the United States and packaged with this warranty statement.

New LCD/LED Televisions (Non-Commercial Use)

For how long after your purchase:

- One (1) year from date of purchase for parts and labor for non-commercial use.

New LCD/LED Televisions (Commercial Use)

For how long after your purchase:

- Six (6) months from date of purchase for parts and labor for commercial use.
- Commercial use includes, but is not limited to, the use of this product in a commercial or business environment, the use of this product in an institution or for institutional purposes, or other commercial purposes including rental purposes.

What we will do:

- At TTE’s discretion, (1) pay an Authorized TCL Service Center for both labor charges and parts to repair your television, or (2) replace your television with a new or refurbished/remanufactured equivalent value product. The decision to repair or replace will be made solely by TTE. See “How to get service”.

How to get service:

- Call 1-877-300-8837 (for mainland 48 States), or 1-877-800-1269 (for AK, HI, and Puerto Rico).
- Please have your original purchase receipt or proof of purchase (bill of sale or receipted invoice), the unit’s date of purchase, place of purchase and model/serial number ready. The model/serial number information can be found on the back of your unit.
- A representative will troubleshoot your problem over the telephone. If it is determined that your unit requires service, the service location will be at the sole discretion of TTE based upon the TTE Limited Warranty Statement.
- At the sole discretion of TTE, television screen sizes 32” and smaller will either be repaired at an Authorized TCL Service Center or directly exchanged for a new or refurbished/remanufactured unit. At the sole discretion of TTE, television screen sizes 33” through 55” or larger will either be repaired at an Authorized TCL Service Center or repaired in-home.
- If repaired at an Authorized TCL Service Center, TTE is not responsible for transportation costs to the Authorized TCL Service Center. However, TTE will pay for return shipping. TTE will provide instructions for packaging and shipping the unit.
- Proof of purchase in the form of a bill of sale or receipted invoice from an Authorized Dealer which is evidence that the product is within the warranty period must be presented to obtain warranty service.
- PRE-AUTHORIZATION MUST BE OBTAINED BEFORE (1) SENDING ANY PRODUCT TO AN AUTHORIZED TCL SERVICE CENTER, OR (2) OBTAINING ANY IN-HOME REPAIR/REPLACEMENT/ RENTAL SERVICES.

What your warranty does not cover:

- Customer instruction. (Your Owner’s Manual describes how to install, adjust, and operate your unit. Any additional information should be obtained from your Authorized Dealer).
- Installation and related adjustments, or damage resulting from installation.
- Damage resulting from non-approved installation methods.
- Signal reception problems not caused by your unit.
- Damage from misuse, abuse, neglect, normal wear and tear, cosmetic damage, mishandling, faulty installation, or power line surges.
- Markings or images on the television’s panel resulting from viewing fixed images (including but not limited to certain 4:3 images on wide screen televisions, or data or images in fixed screen locations from banners, video games, or certain broadcast networks).
- Batteries.

- A television that has been modified or incorporated into other products.
- A unit purchased or serviced outside the USA.
- A unit sold in "As-Is", "Factory Reconditioned", "Factory Re-Certified", or "Refurbished" condition or with faults.
- Acts of nature or God, such as but not limited to earthquake or lightning damage.
- Special, incidental or consequential damages.

Product Registration:

Please register your TCL purchase on-line at www.tclusa.com. It will make it easier to contact you should it ever be necessary. Registration is not required for warranty coverage.

LIMITATION OF WARRANTY

- THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. NO VERBAL OR WRITTEN INFORMATION GIVEN BY TTE TECHNOLOGY, INC., ITS AGENTS OR EMPLOYEES SHALL CREATE A GUARANTY OR IN ANY WAY INCREASE OR MODIFY THE SCOPE OF THIS WARRANTY.
- REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. TTE TECHNOLOGY, INC. SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. THIS DISCLAIMER OF WARRANTIES AND LIMITED WARRANTY ARE GOVERNED BY THE LAWS OF THE STATE OF CALIFORNIA. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE APPLICABLE WARRANTY AND WARRANTY PERIOD SET FORTH ABOVE. THIS WARRANTY IS SUBJECT TO CHANGE WITHOUT NOTICE. PLEASE VISIT WWW.TCLUSA.COM TO VIEW THE MOST CURRENT VERSION.

How State Law relates to this warranty:

- Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.
- This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

If you purchased your unit outside the United States or seek warranty coverage outside the United States: This warranty does not apply. Contact your dealer for warranty information.

Service calls which do not involve defective materials or workmanship are not covered by this warranty. Costs of such service calls are the sole responsibility of the purchaser.

Legal Statement of TCL

- Manufacturer of this TV set

Due to the various capabilities of products featuring the Smart TV - Services, as well as limitations in the available content, certain features, applications, and services may not be available on all devices or in all territories. Some features on Smart TV may also require additional peripheral devices or membership fees that are sold separately. Please visit our website for more information on specific device information and content availability. The services and availability of content through Smart TV are subject to change from time to time without prior notice.

All content and services accessible through this device belong to third parties and are protected by copyright, patent, trademark and/or other intellectual property laws. Such content and services are provided solely for your personal noncommercial use. You may not use any content or services in a manner that has not been authorized by the content owner or service provider. Without limiting the foregoing, unless expressly authorized by the applicable content owner or service provider, you may not modify, copy, republish, upload, post, transmit, translate, sell, create derivative works, exploit, or distribute in any manner or medium any content or services displayed through this device.

You expressly acknowledge and agree that use of the device is at your sole risk and that the entire risk as to satisfactory quality, performance and accuracy is with you. The device and all third party content and services are provided "as is" without warranty of any kind, either express or implied. TCL expressly disclaims all warranties and conditions with respect to the device and any content and services, either express or implied, including but not limited to, warranties of merchantability, of satisfactory quality, fitness for a particular purpose, of accuracy, of quiet enjoyment, and non-infringement of third party rights. TCL does not guarantee the accuracy, validity, timeliness, legality, or completeness of any content or service made available through this device and does not warrant that the device, content or services will meet your requirements, or that operation of the device or services will be uninterrupted or error-free. Under no circumstances, including negligence, shall TCL be liable, whether in contract or tort, for any direct, indirect, incidental, special or consequential damages, attorney fees, expenses, or any other damages arising out of, or in connection with, any information contained in, or as a result of the use of the device, or any content or service accessed by you or any third party, even if advised of the possibility of such damages.

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Plug in an MHL-compatible mobile device to view your favorite content and charge your device at the same time.



ENERGY STAR is a set of power-saving guidelines issued by the U.S. Environmental Protection Agency (EPA).

ENERGY STAR is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy helping us all save money and protect the environment through energy efficient products and practices.



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is a trademark of SRS Labs, Inc. TruSurround HD technology is incorporated under license from SRS Labs, Inc.

SRS TruSurround HD™ creates an immersive, feature-rich surround sound experience from two speakers, complete with rich bass, high frequency detail and clear dialog.

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 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.

Please do not send any products to the California address listed in this manual or on the carton. This will only add delays in service for your product.

Figures and illustrations in this User's Guide are provided for reference only and may differ from actual product appearance. Product design and specifications may be changed without notice.

(3) When open the TV plastic enclosure, the WIFI module is mounted near the right speaker, and the remote receiver module is mounted on the metal holder of base stand.

The FCC ID # W8UWAE22 of WIFI module and FCC ID # W8URC650D of remote receiver module can be found on the TV rating label.



TTE Technology, Inc.

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