Figures and illustrations in this User Manual are provided for reference only and may differ from actual product appearance. Product design and specifications may be changed without notice.
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**Chapter 1**

**Precautions**

Read all of the instructions before operating the set. Keep these instructions well for future use.

**Warning**

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

- Using cabinets or stands recommended by the manufacturer of the television set.
- Only using furniture that can safely support the television set.
- Ensuring the television set is not overhanging the edge of the supporting furniture.
- Not placing the television set on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television set to a suitable support.
- Not placing the television set on cloth or other materials that may be located between the television set and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the television set or its controls.

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

**Product**

- Do not block or cover the ventilation openings on the back cover.
- Do not push objects of any kind into this unit through the cabinet slots as they could touch the current carrying parts or short-circuit parts, resulting in fire, electric shock, or damage to the unit.
- Do not attempt to open the cabinet as this may cause damage. There are no parts inside you can service by yourself. Refer all servicing to qualified personnel.
- Do not touch the screen surface with fingers as this may scratch or mar the TV screen.
- Do not impact the TV screen with hard pressure as this may damage the TV screen severely.

**Power and Plug**

- Unplug the set under the following conditions:
  - If the set will not be used for a long period of time.
  - If the power cord or the power outlet/plug is damaged.
  - Follow the instructions to install and adjust the product. Adjust those controls that are covered in these operating instructions as improper adjustment of other controls may result in damage. If this happens, unplug the set and refer to the service personnel.
  - If the set is subject to impact or has been dropped and the cabinet has been damaged.
- Where the mains plug or an appliance coupler is used as disconnect device, the disconnect device shall remain readily operable.

**Power Cord and Signal Cable**

- Do not allow anything to rest on or roll over the power cord and the signal cable.
- Protect the power cord and the signal cable from being trampled.
- Do not overload the power cord or the power outlet.
- Do not expose the power cord and the signal cable to moisture.

**Use Environment**

- Do not place the set on an unstable cart, stand, or table.
- Place the set on a place that allows good ventilation.
- Do not use the set near damp, and cold areas.
- Do not expose the set to excessive heat such as direct sunlight, fire, or the like and no naked flame sources, such as lighted candles, should be placed on the apparatus.
- Do not expose the set to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
- Do not use the set in dusty environments.
- 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

**Cleaning**

- Dust the set by wiping the screen and the cabinet with a soft, clean cloth or some special liquid cleaner.
- Do not apply excessive force to the screen when cleaning.
- Do not use water or other chemical cleaner to clean the screen as this may damage the surface of the TV screen.

**Hanging the TV Set on the Wall**

**Warning:** This operation requires two people.

To ensure a safe installation, observe the following safety notes:

- Check that the wall can support the weight of the TV set and wall mount assembly.
- Follow the mounting instructions provided with the wall mount.
- The TV set must be installed on a vertical wall.
- Make sure to use only screws suitable for the material of the wall.
- Make sure that the TV set cables are placed so that there is no danger of tripping over them.

All other safety instructions about our TV sets are also applicable here. (*Note: Certain TV model is not designed to be mounted to the wall.*)
Sockets

Note: The location and names of the sockets on the TV may vary according to TV model, and not all sockets available on all models.

LAN
This socket can be used to connect to external modem or network access equipment.

SPDIF socket (output)
This socket can be used to connect a compatible digital audio receiver.

HDMI or HDMI(ARC) socket (input)
The HDMI (High-Definition Multimedia Interface) socket can be used to connect a Blu-ray player, PC with a compatible video card installed, certain DVD players or a high-definition compatible digital satellite decoder. This socket provides an uncompressed digital connection that carries both video and audio data by way of an integrated mini-plug cable.

USB 3.0 or USB2.0 or USB 2.0/SERVICE socket (input)
These sockets can be used to connect a USB device. Note: The number of USB sockets on the TV may vary according to TV model.

ANTENNA/CABLE IN socket (input)
This socket can be used to connect the outside aerial or cable network.

COMPONENT IN(YPBPR) sockets (input)
These YPbPr sockets can be used to connect a device that has component video sockets, such as a DVD player. The component sockets can recognize if the device you're connecting to is Y Pb Pr compatible. The component sockets provide excellent picture quality because the video is separated into three independent parts.

AV IN adapter socket
The AV IN adapter socket can be used to connect the attached AV adapter cable with VIDEO and AUDIO L & R IN sockets. The AV IN sockets can be used to connect a range of equipment, including video recorders, camcorders, decoders, satellite receivers, DVD players, or games consoles. The VIDEO IN socket provides composite video connection.

Headphone socket (output)
This socket can be used to connect headphones or stereo earphones.
Warning: Excessive sound pressure from earphones and earphones and headphones can cause hearing loss.
Remote Control Functions

Most of your television's functions are available via the menus that appear on the screen. The remote control(s) supplied with your set can be used to navigate through the menus and to configure all the general settings.

Note: Figures and illustrations in this operation manual are provided for reference only and may differ from actual product appearance. Certain function may not be available for some models, e.g. EPG/SUBTITLE/REC functions are only available under DTV source. And DTV is not available for certain model.

### Numeric buttons
- To enter channel numbers or a digit.
- To access T recommended apps.
- To display the channel list.
- To control the volume.
- To display program information, if available.
- To display the Settings menu.
- To change channels.
- To access or exit the Smart TV homepage.
- To display the Option menu.
- Navigation direction buttons.
- To confirm an entry or selection.
- To return to the previous menu or quit an app.
- To select input source.
- To exit the Settings menu.
- To select an audio language available for selected digital TV program.
- To toggle the Electronic Program Guide on or off (only available for digital channels).
- To toggle Teletext on or off.
- To select a subtitle language available for selected digital TV program.

### Colour buttons
- To select tasks or Teletext pages.
- To start fast reverse.
- To pause playback.
- To start fast forward.
- To record programs under DTV source.
- To start playback.
- To stop playback.
- To access Netflix. (Not available for some models.)

### Installing Batteries
1. Push to open the back cover as illustrated.
2. Insert two AAA batteries according to the polarities marked on the battery case.
3. Replace the back cover as illustrated.
**Exclusive Remote Control**

- ![Remote Control Image]

**How to use the remote control**

When using ø or ö or ò button for the first time, you will be prompted to pair the remote with the TV. Please follow the on-screen guide for pairing instructions.

a. Keep the remote control and TV in 1 meter, press OK and ø or ö or button on the remote at the same time. You can use ø or ö or button after activating successfully.

b. This voice search function ø or ö is only available for content search from certain apps.

c. Set languages in the settings to your local language or official language to enhance voice search successfully.

**Installing batteries**

1. Hold the bottom part of the remote control, use a plastic coin-shaped object to twist the switch to the “Open” location as illustrated.

2. Pull out the battery cover.

3. Insert two AAA batteries according to the polarities marked on the battery case.

4. Replace the battery cover and use a plastic coin-shaped object to twist the switch to the “Close” location.

**Note:** This remote control is available only for selected models. The remote control type may be changed without notice.
Switching On

Follow the instructions on this page on how to switch on your TV set and the remote control before going on to following pages describing how to use the channel set-up procedure.

1. Insert two AAA batteries in the remote control.
   Precautions 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.
   - Attention should be drawn to the environmental aspects of battery disposal.

2. Connect the power cable FIRST to the television, THEN to a mains socket. (Note: If the power cable is connected to the television, please only connect the power cable to the mains socket.)

   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 mains socket, as there is a risk of electric shock.

   Note: The figures are for representation only, the location of power socket of the television may differ depending on the model.

3. Connect an outside aerial to the ANTENNA IN socket at the back of the TV set.
   The aerial socket (75 OHM - VHF / UHF / cable) can be used for connecting an external aerial or other equipment fitted.

   Note: If you want to receive the signal from your cable or cable box, please connect a coaxial cable to the CABLE IN socket at the back of the TV set.

4. When powered on, the TV will be turned on directly or be in standby mode.

   If the power indicator lights up, the TV set is in standby mode. Press the button on the remote control or on the TV set to turn on the TV.

Switching Off

- To put the TV set into standby mode, press the button on the remote control. The TV set remains powered up, but with low energy consumption.

- To switch off the TV set, unplug the mains socket from the mains outlet.
Network Connection

Your TV will require an internet connection to operate all functions. Data usage charges may apply. Please refer to your Internet Service Provider (ISP) for additional information.

To access the Internet, you must subscribe to high speed broadband Internet service with your Internet service provider (ISP).

Your TV can be connected to your home network in two ways:
- Wired, using the RJ45 (LAN) connector on the back panel.
- Wireless, using the internal wireless and your home wireless network.

Note: Instructions below are just the usual ways to connect your TV to the wired or wireless network. The connection method may be different depending on your actual network configuration. If you have any questions about your home network, please refer to your ISP.

Connecting to a Wired Network

To connect to a wired network:

1. Ensure you have:
   - An Ethernet cable long enough to reach your TV
   - A router or modem with an available Ethernet port
   - A high-speed Internet connection
   - An Ethernet (LAN) 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** menu to configure the TV.

Connecting to a Wireless Network

To connect to a wireless network:

1. Ensure you have:
   - A router broadcasting a high-speed wireless signal
   - A high-speed Internet connection

2. Use the **Network** menu to configure the TV.

Note: Please follow below steps to enter the **Network** menu.

1. Press 📺 on the remote control to display the Smart TV homepage.
2. Press ▲/◄/► to move the cursor to 🏘️(Settings) on the right top of the screen and press OK to enter.
3. Press ▲/▼ to select Network, then press OK to enter the submenu and follow the on-screen guidance to set up your network.
Getting Started

Initial Setup

The first time you switch the set on, the Welcome screen appears, which guides you through the initial setup process. Follow the on-screen instructions to finish the initial setup process such as selecting the language, connecting to the network, scanning channels, and more. During each step, either make a choice or skip the step. If you skip a step, you can perform the setup later from the settings menu.

Note: If the channel search retrieved only the analogue channels it could be caused by poor broadcasting and therefore is not covered by manufacturer warranty. Manufacturers cannot be held responsible for lack of or poor broadcasting in some areas.

TV Buttons

If the batteries in your remote control are run down, you can use the buttons on your TV set. They have the following functions:

For models with below buttons on the set:

<table>
<thead>
<tr>
<th>Button</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>←</td>
<td>TV mode</td>
</tr>
<tr>
<td>↑</td>
<td>P↑</td>
</tr>
<tr>
<td>↓</td>
<td>P↓</td>
</tr>
<tr>
<td>→</td>
<td>P→</td>
</tr>
<tr>
<td></td>
<td>Features (Short press)</td>
</tr>
<tr>
<td></td>
<td>(Long press)</td>
</tr>
</tbody>
</table>

For models with only one button on the set:

<table>
<thead>
<tr>
<th>Button</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Power on/Standby</td>
</tr>
</tbody>
</table>

Note: Figures and illustrations are provided for reference only and may vary depending on the model.
Chapter 3

Basic TV Operations

Accessing Channels

Using the numeric buttons: press the corresponding numeric buttons on the remote control to access the channels.

Using the P▲/▼ buttons: press the P▲/▼ buttons on the remote control or the corresponding buttons on the TV set to scroll through the channels.

Using the LIST button: press the LIST button on the remote control to display the channel list and press ▲/▼/◄/► and OK to select channels.

Note: If using the remote control of RC602S, you can also press  to display the virtual remote control keyboard, then you can use the numeric buttons, the List button to operate accordingly.

Watching Connected Devices

Press  on the remote control to display the source list. Press ▲/▼ to select TV or other input sources and press OK to confirm.

You can also press  on the remote control to display the homepage, press ▲/◄/► to move the cursor to the (Inputs) area, and press OK to enter. Then press ▲/▼ and OK to select the input source.

Adjusting Volume

Volume control: press the ▲+/▼— buttons on the remote control or the corresponding buttons on the TV set to increase or decrease the volume.

Sound mute: press the button to temporarily mute the sound. Press this button again or the ▲+ button to restore the sound.

Accessing Smart TV Homepage

Allows you to enjoy Internet Applications (Apps) and specially adapted Internet websites, and perform system settings for your TV. You can make controlling with the TV remote control.

WARNING:
• Configure the network settings before using Smart TV applications.
• Slow responses and/or interruptions may occur, depending on your network conditions.
• If you experience a problem using an application, please contact the content provider.
• According to circumstances of the content provider, an application’s updates or the application itself may be discontinued.
• Depending on your country’s regulations, some applications may have limited service or not be supported.
• Changes in application content may be made without prior notice by the service provider.

1. Press  on the remote control to display the Smart TV homepage.
2. Press ▲/▼/◄/► and OK to enter the desired apps, functions or settings.
3. Press  to return to the homepage.
4. To exit the homepage, press ▲/▼/◄/► to move the cursor to the (Inputs) area on the right top of the screen, press OK to enter and then press ▲/▼ and OK to select your desired input source.

Note: Since the connection with Internet takes time, it’s recommended that you wait a few minutes to use the Smart TV feature after activation of TV from standby.

Accessing T recommended

Allows you to enjoy Internet Applications (Apps).

1. Press  on the remote control to display the recommended apps.
2. Press ▲/▼/◄/► and OK to enter the desired apps.
3. Press  to return to the recommend page and exit.

Using System Settings menu

Allows you to not only adjust device settings, such as Network, Inputs, Google Cast, Power and Apps, etc., but also set preferences.

1. Press  on the remote control to display the Smart TV homepage.
2. Press ▲/◄/► to move the cursor to (Settings) on the right top of the screen and press OK to enter the system settings.
3. Press ▲/▼ to choose the items and press OK to enter.
4. Press  to return to previous interface.
5. Press EXIT to close the menu.

Using TV Settings menu

Allows you to adjust TV settings, such as picture and sound.

1. Press  on the remote control to display the Settings menu.
2. Press ▲/▼ to select the desired item, then press OK/► to enter the corresponding submenu.
3. In submenus, press ▲/▼ to select menu options, then press OK/► to enter the option list, the adjustment interface, or the corresponding submenu.
4. Press  to return to the previous menu.
5. Press EXIT or  to close the menu.

Notes:
• You can also press  on the remote control, select Settings (if available) and press OK to enter the Settings menu. Some options may not be available for certain signal sources.
Enabling Subtitle Languages on Digital TV Channels

1. Press \( \) on the remote control, select Channel > Subtitle > Digital subtitle language 1st and press OK/► to enter.
2. Press ▲/▼ to select a subtitle language as your preferred language and press OK to confirm.
3. Press ▲/▼ to select Digital subtitle language 2nd and press OK/► to enter.
4. Press ▲/▼ to select a secondary subtitle language and press OK to confirm.
5. Press EXIT or \( \) to close the menu.

Shortcut operation: Press SUBT. on the remote control to directly select a subtitle language available for the selected digital TV program.

Selecting a Subtitle Type on Digital TV Channels

1. Press \( \) on the remote control, select Channel > Subtitle > Subtitle type and press OK/► to enter.
2. Press ▲/▼ to select a subtitle type and press OK to confirm. You can select Hearing impaired to display the hearing impaired subtitles with your selected language.
3. Press EXIT or \( \) to close the menu.

Using Teletext

Selecting Decoding Page Language

1. Press \( \) on the remote control, select Channel > Teletext > Decoding page language and press OK/► to enter.
2. Press ▲/▼ to select a proper type of language in which Teletext will display and press OK to confirm.
3. Press EXIT or \( \) to close the menu.

Digital Teletext Language

On digital TV channels, depending on the broadcaster, you may be able to enjoy a service with multiple initial Teletext pages in different languages. This function allows you to select an available language as primary language, which relates to different initial Teletext pages.

1. Press \( \) on the remote control, select Channel > Teletext > Digital teletext language and press OK/► to enter.
2. Press ▲/▼ to select a language and press OK to confirm.
3. Press EXIT or \( \) to close the menu.
Using More of Your TV

Network Wake Up

This function allows you to turn on your TV from standby mode via a network. To use this function, please make sure:

1. Your TV is connected to an effective home network;
2. The desired controller, such as a smartphone, is connected to the same network as your TV;
3. An app which supports network waking up function, has been installed into the controller;
4. Networked standby is set to On in the Network menu.

When the TV is in networked standby mode, you can use the app to wake up the TV remotely.

T-Link

Use this function to search for CEC devices connected to the HDMI sockets in your TV and enable auto power on and auto standby between the TV and CEC devices.

Enabling or Disabling T-Link

1. Press \( \text{on the remote control, select System > T-Link and press OK/► to enter.} \\
2. Press ▲/▼ to select T-Link and press OK/► to enter.
3. Press ▲/▼ to select On or Off and press OK to confirm.
4. Press EXIT or \( \text{to close the menu.} \\

Using Auto Power On

Enables the TV to automatically power on when you power on a CEC device (e.g. DVD) with the device’s remote. Select On to enable this function.

Using Auto Standby

Enables all CEC devices to automatically go to the standby mode when you turn off the TV with the TV remote. Select On to enable this function.

Note: The CEC functions depend on the devices connected and it is possible that some devices may not interoperate correctly when connected to this TV. The user manual or the manufacturer of the problematic devices should be consulted for further information.

Time Shift

Allows you to pause, fast forward and rewind live TV, so you don’t have to miss any part of your favourite programs. Before you use the function, connect a USB drive to the TV first. For the first time, you should complete the disk setup for the USB drive.

1. Press \( \text{on the remote control and select Time Shift, then press OK/► to confirm.} \\
2. Follow the directions on the screen to do the disk setup if you use time shift for the first time.
3. After the disk setup is done, time shift will start, and the time shift menu displays on the screen.
4. For later use, press \( \text{and select Time Shift. press OK/► to display the time shift menu and operate according to the on-screen prompt.} \\
5. Pressing \( \text{button stops the time shift and exits.} \\
   - When the time shift menu disappears and only the timing of the time shift remains on the screen, you can press OK to call out the time shift menu.

Notes:

- This feature is available only for digital channels.
- Before you plug the USB drive to TV, make sure you have backed up the data on the drive to avoid unforeseen malfunction and data loss.
- We recommend that you use a USB drive with at least 1GB free space and a disk speed faster than 5.0MB/sec.
- The bigger the USB drive free space for time shift, the bigger the recording length.

Quick Access of Time Shift: Insert a USB disk, press PAUSE(I) on the remote control, it will access Time Shift automatically.

PVR(Personal Video Recorder)

Allows you to record your favourite TV programs. Before you use the function, connect a USB drive to the TV first.

Note: The feature is available only in selected products and, due to specific TV network limitations and country technical requirements, might not be available in product or place of installation. Feature might also be blocked by TV network due to copyright protection (HD content, recording protection). Please use \( \text{on the remote control to check if the feature is available in your product.} \\
1. Press \( \text{on the remote control and select PVR.} \\
2. Press OK/► to enter and select Record. It starts to record automatically.
3. Press BLUE button on the remote control and use ▲/▼/◄/► to adjust the recording duration.
4. Press OK/■ to stop recording manually, the recorded file will be saved. In normal operation, the recording will stop automatically when the recording duration expires.
5. In recording, the PVR mini pane will also show on the screen to indicate the recording progress.
Using More of Your TV

6. To watch the recorded program, exit PVR mode first, Press  and select PVR > PVR List, or press □ and go to Apps > MediaCenter > USB > File > PVR, then select the related record file. Press OK to play. (It is the same if you record a digital radio program).

Notes:
- This feature is available only for digital non-encrypted channels. Even when CICAM (CI or CI+) is inserted, this feature is not available on encrypted channels.
- Before you connect the USB drive to the TV, make sure you have backed up the data in the drive to avoid the loss of your important data due to unforeseen malfunction.
- The bigger the USB drive free memory for the PVR function, the bigger the recording length.
- If you want to change channel or signal source during recording, store the recording data before changing the channel or source.
- The TV cannot play files normally if the parameters of the file exceed the limitations of the system, the file format is not supported, the file is damaged, or the file cannot be decoded.
- Do not disconnect the USB drive when the system is reading a file or transmitting data, otherwise the system or the drive may be damaged.

Using EPG (Electronic Program Guide)

EPG is an on-screen guide that displays scheduled digital TV programs. You can navigate, select and view programs.

1. Press ◀ on the remote control, select Channel > EPG and press OK/► to enter. The Program Guide menu will appear, which allows you to get information about the current or next program playing on each channel. Navigate through the different programs using the ▲/▼/◄/► buttons on the remote control.

2. Use the related buttons shown at the bottom of the screen to view EPG.
   - Program filter: Program guide filter for digital TV programs.
     • Press ■ to display the type list of the program.
     • Navigate through the different types using the ▲/▼ buttons on the remote control.
     • Select one or more types, which you want to highlight from the type list, press OK to select or deselect. A checkmark will appear to the right of the type when selected.
   - Custom schedule: Press ▲/▼ to select a program, then press the RED button to set the schedule. Use the ▲/▼ buttons to select

Schedule reminder or Schedule recording, then press OK to enter.
- Select date: Press the GREEN button to select date.
- Schedule list: Press the YELLOW button to view your schedule list.

Note: If using the remote control of RC602S, to access the colour buttons, you need to press □ button on the remote control to display the virtual remote control keyboard first.

3. Press ← to exit EPG.

Bluetooth Function

(* not available for some models)
Bluetooth® is a wireless technology standard for exchanging data over short distance between Bluetooth devices. You can connect Bluetooth audio device, mouse or keyboard via the TV.

1. Press ◀ on the remote control, move to the Settings area, select Settings and press OK to enter.

2. Move to the Remote & accessories area, select Add accessory and press OK to enter. The TV will search nearby Bluetooth devices automatically.

3. Select an available device, press OK and follow the guides on the screen to connect it.

Note: Bluetooth technology (if available in your TV) uses 2.4GHz frequency thus close proximity to WiFi access points, routers or microwave ovens might interfere with Bluetooth audio streaming. If you face interruptions in audio reception, you should restart your Bluetooth device to find frequency with less interferences and if you continue to face issues you should move closer to TV or increase space between TV and source of interferences.

The Bluetooth word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by TCL is under license. Other trademarks and trade names are those of their respective owners.

Password in Parental Control

- The default password is 1234. You can change it to a new one.
- The super password is 0423. If you forget your code, enter the super password to override any existing codes.
Chapter 5

Problems & Solutions

Note: Problems & solutions 1 to 2 are for the TV models which have network functions, so users of non-connected TV models can disregard them.

1. Fail to link to the network.
   - Check if your TV is connected with the network;
   - Reboot your TV;
   - Consult your internet service provider, to confirm if access of your router is supported. Refer to the operation manual of your router.
   - Make sure your TV is connected to a router, and make sure your router is powered on. Check that your router/modem has an internet connection, and that your Ethernet cables/wireless connection is OK. Test your connection with a computer to make sure it is OK. Should the problem persist, contact customer service.

2. The video could not be played smoothly.
   - Videos from your USB flash drive --- It may result from data transmission, or its code flow is far beyond the supported formats of this TV set.
   - Videos downloaded from internet, or online videos.
     a. It may be caused by the lower bandwidth of your network. A high network speed is required to handle online videos.
     b. Peak internet usage times may affect the bandwidth.
     c. Check if any other computers on the same network are also operating, as they may be using up bandwidth. Especially if they are downloading or playing on-line videos.
     d. The video may not be smooth itself, it is not the problem of your TV or network.

3. When two mobile hard disks are connected with the TV at the same time, they will not be recognized some times.
   - All mobile hard disks consume a lot of power, which may result in power supply problems. We recommend inserting only one hard disk, or a low power consumption mobile hard disk.

4. The video from a mobile hard disk (USB) is playing with no sound.
   - The audio format of the video in your mobile hard disk is not supported by the TV player.

5. Some videos fail to play.
   - The formats of the videos may not be supported by the TV, especially videos shot by certain kinds of cameras, generally with their private protocol of formats, which are not compatible with your TV.

6. Video stops playing midway.
   - Mistakes may occur when videos are copied or compressed, so they may automatically stop playing during playback.

7. What should I pay attention to, when I do SW updating?
   - No power cuts when SW updating;
   - Avoid any operations with your remote control when SW updating;
   - Depending on your internet connection speed, the software updating process may take some time.

8. There are no distinct changes of TV interface after SW updating.
   - Under certain conditions, SW updating may not only update or add new functions but also improve the performance of the TV set, without distinct changes to the user interface. Also, there may be no changes to the user interface at all.

9. What should I do when SW updating process stops due to a sudden power-off?
   - If you do SW updating by USB, do not pluck the USB from your TV, and restart your TV to continue SW updating; If you do SW updating by Network, also restart your TV and check if it is well functioned.

10. With a USB device being inserted into the TV in advance, I am prompted that no USB devices are detected after I access Media, why?
    - There may be something wrong with your mobile hard disk(s), damaged or with low voltage. You could increase power supply by inserting the two plugs on one end on the USB wire into TV's USB port simultaneously.

11. External device cannot be recognized.
    - Some external devices (e.g. webcam, smart phone, tablet, game handle, and external wireless adapter) may not be compatible with the TV and cannot be supported for certain functions (nScreen, wireless display, gesture control, face recognition, if any). Please try a similar device. If it does not work, contact your local dealer.

12. Voice search does not work.
    - Check if your remote control has been successfully paired with your TV.
    - Check if the language setting is correct.
    - Check if Google server is available and stable.
Troubleshooting

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

No picture, no sound
1. Check if the fuse or circuit breaker is working.
2. Plug another electrical device into the outlet to make sure it is working or turned on.
3. Power plug is in a bad contact with the outlet.
4. Check the signal source.

No color
1. Change the color system.
2. Adjust the saturation.
3. Try another channel. Black-white program may be received.

Remote control does not work
1. Change the batteries.
2. Batteries are not installed correctly.

No picture, normal sound
1. Adjust the brightness and contrast.
2. Broadcasting failure may happen.

Normal picture, no sound
1. Press the VOLUME UP button to increase volume.
2. Volume is set to mute, press the MUTE button to restore sound.
3. Change the sound system.
4. Broadcasting failure may happen.

Unorderly ripples on the picture
It is usually caused by local interference, such as cars, daylight lamps and hair driers. Adjust the antenna to minimize the interference.

Snowy dots and interference
If the antenna is located in the fringe area of a television signal where the signal is weak, the picture may be marred by dots. When the signal is extremely weak, it may be necessary to install a special antenna to improve the reception.
1. Adjust the position and orientation of the indoor/outdoor antenna.
2. Check the connection of antenna.
3. Fine tune the channel.
4. Try another channel. Broadcasting failure may happen.

Ignition
Black spots or horizontal streaks appear, or the picture flutters or drifts. This is usually caused by interference from car ignition system, neon lamps, electric drills, or other electrical appliance.

Ghost
Ghosts are caused by the television signal following two paths. One is the direct path, the other is reflected from tall buildings, hills, or other objects. Changing the direction or position of the antenna may improve the reception.

Radio frequency interference
This interference produces moving ripples or diagonal streaks, and in some case, loss of contrast in the picture. Find out and remove the radio interference source.

* To bring you better visual experience, please remove all labels from TV front panel and screen before use.
Other Information

Legal Statement

[Legal Statement] of TCL - manufacturer of this TV set

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applicable collection points for the recycling of electrical and electronic equipment. By disposing
of these products correctly, you will help to conserve natural resources and will help to prevent
potential negative effects on the environment and human health which could otherwise be caused by
inappropriate waste handling of these products.
For more information about collection points and recycling of these products, please contact your
local municipal office, your household waste disposal service or the shop where you purchased the
product.

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