TCL

2.0 Channel Dolby Atmos All in One Soundbar

S45H

User Manual



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1 Before you begin

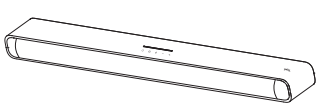
- Carefully read and observe all safety instructions in the safety leaflet.
- This Soundbar is intended for indoor use only. In case it accidentally gets in contact with small amounts of water, unplug immediately and use a dry cloth to remove the water.
- Unplug the Soundbar if it is not used for long periods of time or during lightning storms.
- Make sure the Soundbar is installed on a solid surface or solidly wall-mounted below your TV for the best experience.
- Only use AAA 1.5V non-rechargeable batteries for the Remote Control.
- In case any of the cables are visibly damaged or pinched, unplug the Soundbar and replace the cable.
- Be careful not to sharply bend the HDMI and optical cable as they may affect the performance.
- Protect your hearing by adjusting to a proper volume. Predefined and customizable sound settings are available for your listening comfort.

2 Welcome

Congratulations on the purchase of your new TCL Soundbar! After it is set up and connected, you can experience a superb sound quality and state-of-the-art design to best fit your home entertainment system. You are recommended to read through this user manual which helps you set up, connect and operate the product easily and properly.

Let's get started.

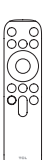
What's in the box



Soundbar



Safety leaflet



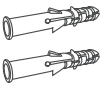
Remote control



HDMI cable



AC Power cord



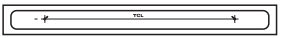
Wall anchor x 2



Wall mount bracket x 2



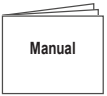
Wall mounting screw x 2
(M5*40mm)



Wall mount template



Warranty card

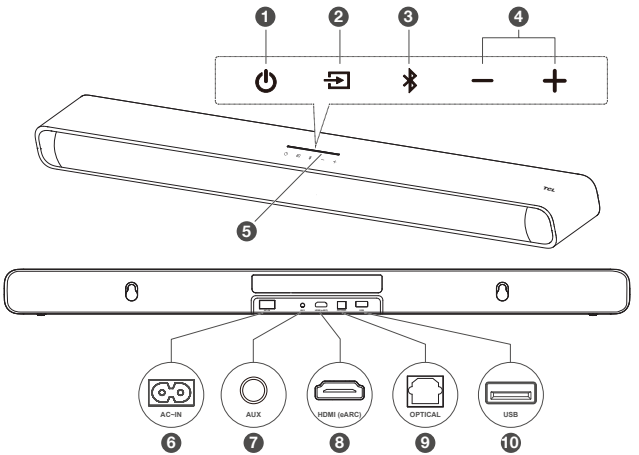


Manual



Quick start guide

Overview of the Soundbar



1 ⏻

Short Press: Power on/sleep

Long Press: Power off

2 ⮆

Short Press: Switch input sources (HDMI eARC/Optical/ AUX/USB/Bluetooth)

3 ᛒ

Short Press: Select Bluetooth mode

Long Press: Bluetooth pairing

4 —/+

Press to increase or decrease the volume level

5 **Input Source LED Indicator**

HDMI eARC: Magenta

Optical: Yellow

AUX: Green

USB: Cyan

Bluetooth: Blue

6 **AC input power connector**

7 **AUX input connector**

8 **HDMI eARC connector**

9 **Optical input connector**

10 **USB Type A connector**

Note:

- **Factory Reset:** Long Press three keys ⏻, + and — on the Soundbar panel together for 10s simultaneously till the LED flashes white and turns off.

Set up your Soundbar system

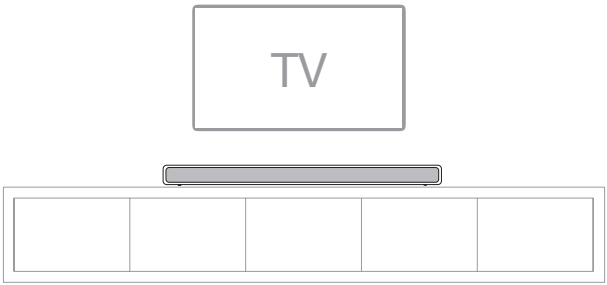
Notes

- Make sure you read all the safety information before you mount the Soundbar on the wall.
- Make sure you use screws provided or specified by the authorized manufacturer.
- TCL bears no responsibility for accidents or damage caused by improper wall mounting and screws installation or insufficient wall strength, etc.
- Additional tools (not supplied) are required for installation.
- You can choose to place your Soundbar below the center of your TV or mount it on the wall.

Position your Soundbar

The ideal place to position the Soundbar is centered underneath your TV.

You are recommended to place the Soundbar on the top of the cabinet and right below the center of your TV.



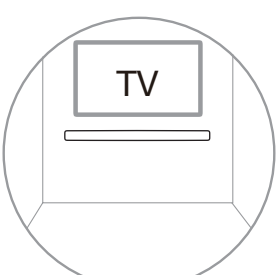
Mount your Soundbar on the wall

1 Place the supplied wall mount template on the wall.

Make sure the wall mount template is at least 5CM below the center of the TV.

2 Use a level to make sure the wall mount template is positioned accurately.

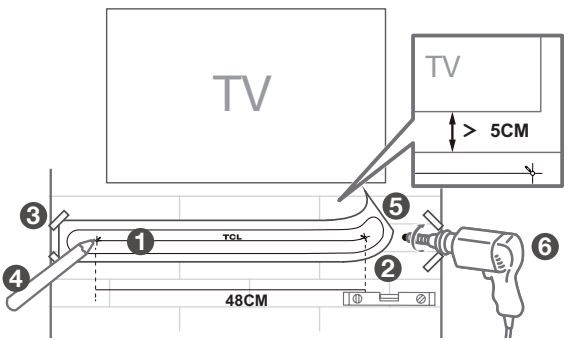
3 Use the tape to stick the wall mount template firmly on the wall.



4 Mark on the wall using each marking on the template through the mounting holes.

5 Take away the wall mount template.

6 Drill a screw hole at each marking on the wall.

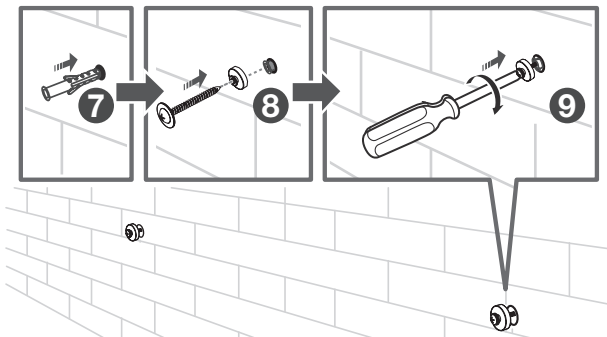


7 Insert the wall anchors in the holes on the wall.

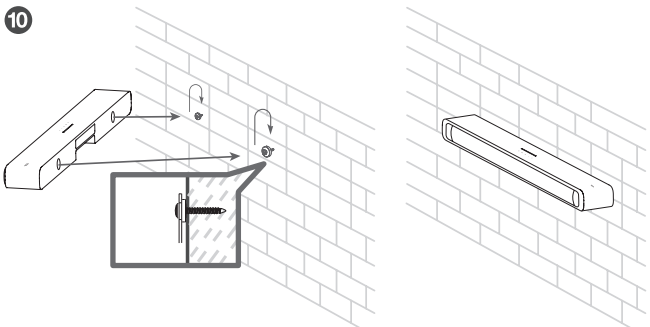
8 Insert the supplied screws with the wall brackets into the hole of the wall anchors.

9 Fix and tighten the wall bracket screws on the wall. (Keep space between the screw cap and the brackets)

10 Pick up the Soundbar and attach it to the wall screws, similar to how you would hang a picture. Make sure everything is tight.



⑩



Notes

- Do not place your Soundbar in a location exposed to direct sunlight, heat, fire, or moisture. Only suitable for mounting at heights: < 200cm.

Install/replace the Remote Control batteries

Warnings

- *Danger of explosion if the battery is incorrectly replaced. Replace only with the same or equivalent type.*

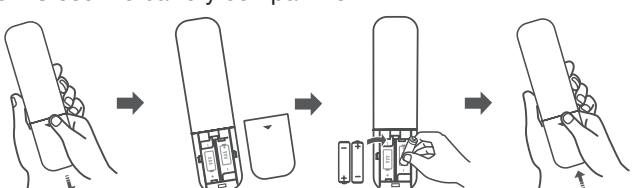
Caution

- The battery contains perchlorate material, handle it with care. For information, refer to www.dtsc.ca.gov/hazardouswaste/perchlorate

1 Open the battery compartment, remove the old batteries if necessary.

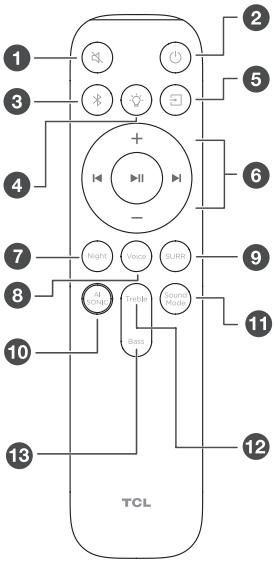
2 Place two new AAA batteries into the battery compartment with the correct polarity (+/-).

3 Close the battery compartment.



Setup is complete. Your Soundbar is ready to use. For more information about how to access different connection options on your Soundbar, see the following chapter.

Overview of the Remote Control



❶ Short Press: Mute/Unmute the sound

❷ Short Press: Power on/sleep
Long Press: Power off

❸ Short Press: Select Bluetooth mode
Long Press: Bluetooth Pairing

❹ Short Press: Change different LED brightness levels
Long Press: Switch between LED light on or turn off

❺ Short Press: Switch input sources
HDMI eARC/Optical/AUX/USB/Bluetooth

❻ ＋ Increase volume
－ Decrease volume
⏮ Play previous music; turn to previous item
⏭ Play next music; turn to next item
⏯ Play/Pause music

❼ Press to switch Night Mode ON or OFF

❽ Short press to adjust the Voice Enhance Mode.
Long press (Voice) for 5 seconds to enter the voice prompt menu. After that, short press + / － to adjust the voice prompt volume, or short press ⏯ to activate or deactivate the voice prompts.

❾ Short press to adjust the Surround Enhance Mode

❿ Short press to enter AI Sonic-Adaptation Menu and adjust to switch between user-defined AI Sonic-Adaptation Scenes:
Position 1/Position 2/Position 3/OFF
(It will take effect only after being set in the APP first)

⓫ Short Press: Switch input sound mode
Standard/Movie/Music/Voice/Game/Sports

⓬ Short press to adjust the treble sound effect

⓭ Short press to adjust the bass sound effect

Combination keys:
1. Press both ⏏ and (Night) simultaneously to activate or deactivate DTS TruVolume.
2. Press both (SURR) and ⏏ simultaneously to activate or

deactivate DTS® Virtual:X™.

Note: DTS® Virtual:X™ technology revolutionizes Soundbars to deliver immersive sound without extra speakers. Movies and games shift from flat experiences to sensory adventures with clearer dialog and enhanced bass that envelops you.
Ensure that high-definition audio content is used while perform DTS® Virtual:X™ function.

This Soundbar can be fully controlled via the TCL Home App, including power, volume, input switching, effects, AI Sonic-Adaptation and more. Use the TCL Home App to explore additional smart features.

Please download the latest version from the app store.

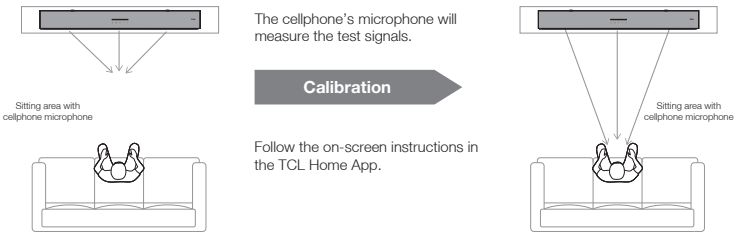
TCL Home App
Your TCL Smart Hub.
Download Now!

AI Sonic-Adaptation is a Room Calibration Technology developed by TCL Audio Lab. To use this function, you need to download TCL Home App and follow the instructions.

Before AI Sonic-Adaptation
Speaker distance, sound pressure level, and frequency response may be uneven based on your seating position and environment.

After AI Sonic-Adaptation
Speaker distance, sound pressure level, and frequency response are all optimized based on your seating position and environment.

How It Works?



3 Connect your Soundbar system

After you have fixed the position of the Soundbar, you can start connecting it to your TV or other devices and listen to the audio through your Soundbar. Make sure you have muted the audio of your TV or device. For information, check the user manual of your TV or device.

Connect with the HDMI cable

Note

- Make sure your TV or device supports the HDMI (eARC/ARC) feature. For information, check the user manual of your TV or device.

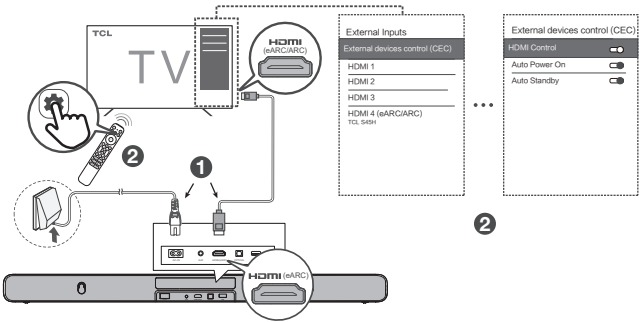
Connect one end of the HDMI cable to the HDMI eARC input connector on your Soundbar and another end to the HDMI (eARC/ARC) output connector of your TV or device.

To get the best possible audio experience using the HDMI cable, follow below given steps:

For TCL TV:

❶ Connect HDMI cable from the HDMI (eARC) interface on the Soundbar to the HDMI (eARC/ARC) interface on the TV.

❷ Enable the CEC function in the settings of the TCL TV. (See TV User Manual for instructions)

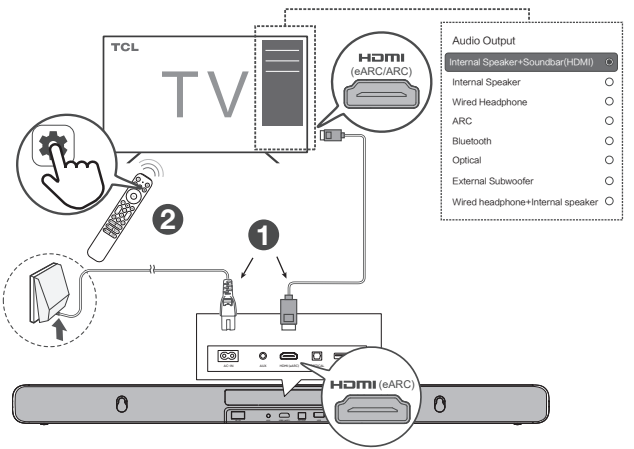


* CEC (Consumer Electronic Control) function naming may differ by TV manuafacturer. This feature may be called CEC, Anynet+, SimpLink, BRAVIA Link, EasyLink or VIERA Link. Please see your TV's user manual for more information.

TCL Tutti Choral

When the Soundbar is connected, “TV+Soundbar” menu appears on the TV.

Settings → Display & Sound → Audio Output → Internal Speaker+Soundbar(HDMI)



Note

- The message displayed may differ with the TV model.
- This function is compatible with some TCL TVs (please visit the TCL official website for specific models). The operation methods for different televisions may vary.
- Please find the latest version TCL Tutti Choral compatibility list of the TV models on TCL support web.

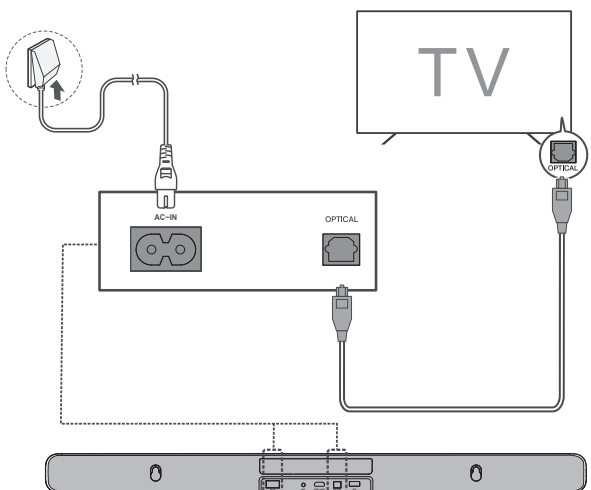
TCL TV Ready

This function is available in some TCL TVs and some TCL models.

Connect with the optical cable

1 Remove the protective caps from the optical cable when necessary.

2 Connect one end of the optical cable to the optical input connector on your Soundbar and another end to the optical output connector of your TV or device.

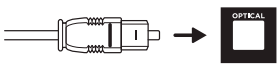


Note

- If there is no sound output from the Soundbar, try to activate the PCM signal output on your TV or device. PCM is used to convert analog audio signals into digital audio signals in most devices. For more information of how to activate the PCM signal output, check the user manual of your TV or device.

Direction for setting up your Soundbar using an optical cable

Do not bend or kink the optical cable (SPDIF) as it is fragile and can easily get damaged and broken.



To get the best possible audio experience using the optical cable:

1 Press the Home button on your TCL TV Remote.

2 Navigate to **Audio option** under **Settings**.

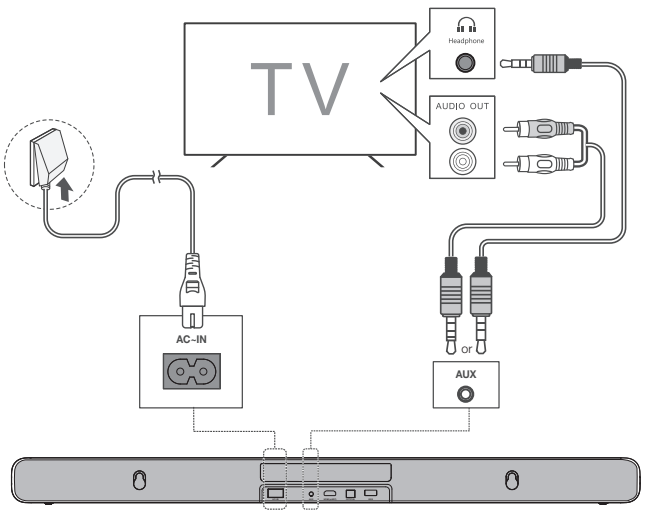
3 Change the TV settings so that the sound of the TV can be output from the speaker system. Depending on your TV, this may be set automatically when the speaker system is connected. Refer to the operating instructions of your TV.

Notes

- *Different devices may have different menu options.*
- *Devices such as Blu-ray players, set-top boxes, etc. are also applicable.*

Connect with the audio cable

Connect one end of the audio cable (not supplied) to the AUX input connector on your Soundbar and another end to the headphone or audio output connector on your TV or device. This will disable the sound of your TV built-in speakers.

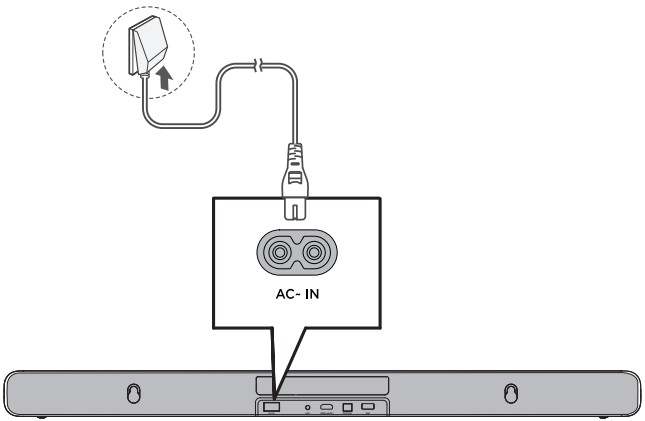


Connect your Soundbar to power supply

1 Make sure that you have completed all other connections before connecting the Soundbar to power supply.

2 Make sure the power supply voltage complies with your country's safety standards (see 'Specifications' on page 34)

3 Connect one end of a supplied AC power cord to the AC input connector on your Soundbar and another end to the power socket on the wall.



Connect the Soundbar with your Bluetooth device

Notes

- Make sure your wireless device supports the Bluetooth function.
- The operational range between the Soundbar and your Bluetooth device is approximately 10 meters (without any obstacle between the Bluetooth device and the Soundbar).

1 Press ⏻.

2 Press ✱.

3 Press and hold ✱ on the Remote Control or press and hold ✱ on your Soundbar.

➜ You will see blue lights flash rapidly.

➜ The Soundbar is ready to pair.

4 Power on your Bluetooth device and activate its Bluetooth function.

5 Select **TCL S45H.**

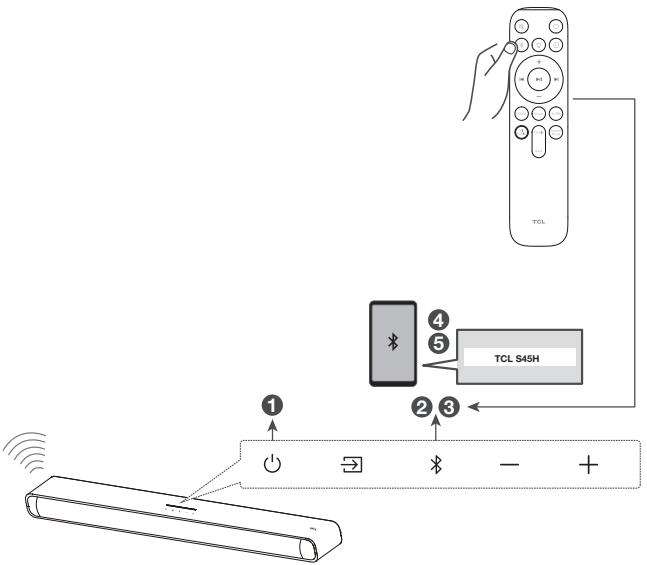
➜ You will see the blue light on for 3 seconds.

➜ Pairing is successful.

6 If you want to pair another device, please repeat step 3.

Tip

- If you cannot find the model name **TCL S45H** on your Bluetooth device, press and hold ✱ on the Remote Control. You will see blue light flashing. Now the Soundbar is coming into the pairing mode.


TCL
TCL S45H
1
2
3
4
5

4 Use your Soundbar system

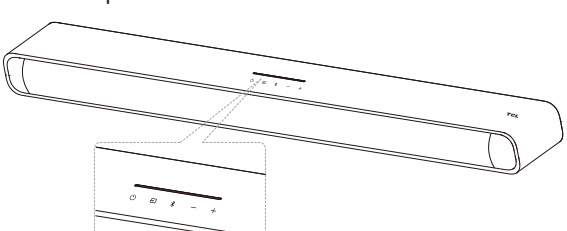
Use your Soundbar with the top panel or Remote Control

1 Make sure the Soundbar is properly connected to the power supply and sources.

2 Press ⏎ at the top panel of your Soundbar or Remote Control to switch to the correct source.



LED state helps to understand Soundbar behaviour.



Remote Control	Soundbar Action	LED Behavior on Soundbar
	**Power Off/Sleep** **Power On**	Power Off: All LEDs light turn on and turn off from the sides to the center. Power On: LEDs will turn on from the center to the sides.
	**Mute Sound**	Mute On: Center LED will flash several times. Mute Off: Current Volume Level will be shown.
	**Source**	Input Source LED Indicator: HDMI eARC: Magenta Optical: Yellow Aux: Green USB: Cyan Bluetooth: Blue
	**LED**	Short Press: Change different LED brightness levels. Long Press: Switch between LED light on or turn off.
	**Bluetooth Pairing**	Blue LED will flash rapidly.
	**Volume Up/Down** **Skip/Previous**	Volume Up: LEDs will gradually turn on from the center to the sides. Volume Down: LEDs will gradually turn off from the sides to the center. Skip: LEDs move from the left to the right. Previous: LEDs move from the right to the left.
	**Surround Enhance**	Press to adjust four different surround sound levels.
	**Voice Enhance/** **Voice Prompt Adjustment**	Short Press: short press once to display the current voice enhance level, short press repeatedly to adjust to different voice enhance levels. Long press Voice for 5 seconds to enter the voice prompt menu. After that, short press +/− to adjust the voice prompt volume, or short press ⏯ to activate or deactivate the voice prompts.
	**Night Mode**	Night Mode on: LEDs will turn on from the center to the sides. Night Mode off: All LEDs light turn on and turn off from the sides to the center.
	**Sound Mode**	Press to switch sound mode in following order: Standard/Movie/Music/Voice/Game/Sports
	**Treble Adjustment** **Bass Adjustment**	Short Press: short press once to display the current treble level, short press repeatedly to adjust to different treble levels. Short Press: short press once to display the current bass level, short press repeatedly to adjust to different bass levels.
	**Sonic Default/1/2/3**	Short press to enter AI Sonic-Adaptation Menu and adjust to switch between user-defined AI Sonic-Adaptation Scenes: Position 1/Position 2/Position 3/OFF (It will take effect only after being set in the APP first)

Note: After powering on your Soundbar, if there is no operation performed on either the Soundbar or Remote Control within 10 seconds, all LED indicators on the Soundbar will turn off and light up again when the operation is resumed.

Tip: You can use more advanced functions on the Remote Control (see 'Overview of the Remote Control' on page 13).

Listen to music from your Bluetooth device

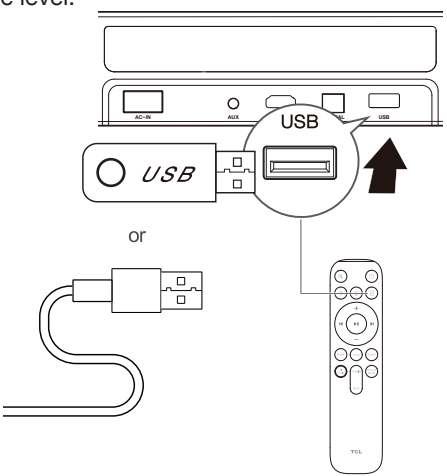
1 Make sure that your device supports A2DP and/or AVRCP. For information, check the specification of your device.
2 Pair your Bluetooth device with the Soundbar (see 'Connect the Soundbar with your Bluetooth device' on page 24).
3 Start listening to music stored in your Bluetooth device through the Soundbar.
   - If your Bluetooth device supports A2DP, you can listen to music, but you cannot control the playback.
   - If your Bluetooth device supports AVRCP, you can listen to music and control music playback with the Remote Control. Press the center button to pause or resume music playback. Press left/right button to skip to the previous/next track.

Note

- The operational range between the Soundbar and your Bluetooth device is approximately 10 meters (without any obstacle between the Bluetooth device and Soundbar).

Use the USB cable or device for music playback

- Press play/pause button on the Remote Control to listen to/pause/resume the music.
- Press left/right button on the Remote Control to skip to the previous or next track.
- Press up/down button to increase or decrease the volume level.



Tip

- This Soundbar can support USB devices of up to 64GB memory and the supported file format is MP3, WMA, WAV, FLAC.
- Music in folders of the USB device should be within 5 (including 5) directory levels. Otherwise, the Soundbar can not detect the music.

5 Software update

TCL may offer updates for the Soundbar's system firmware in the future.

When an update is available, you can upgrade the Soundbar by connecting the USB drive or using TCL HOME app to update the firmware online.

Online update

Follow the instructions in the image below to update the firmware on TCL HOME app.

Note

* The information displayed on the APP may vary depending on different mobile devices.
* During the upgrade process, do not operate the soundbar or exit the TCL Home app.
* Different firmware versions may result in different upgrade durations. You can check the upgrade progress through the bar-shaped LED indicator on the soundbar. After the upgrade is successful, all the white LEDs will light up and then go out, at which point the machine enters standby mode. Please click ⏻ to turn on the machine.
* If the upgrade is too slow, it is recommended to contact the TCL official customer service or upgrade directly using USB.



USB update

Requirements:

- Turn on the soundbar
- Computer connected to the Internet
- A USB storage device formatted in FAT/FAT32 with at

least 100MB of free space

Note: Please remove all the files and folders from the USB storage device (after that it should be empty).

Update Procedure:

A. On the TCL customer service website, locate your device model and download the latest upgrade file.

B. Move or copy the files with the suffix ".UPG" to your USB storage device.

C. Upgrade the TCL Soundbar using the following steps:

Step 1: Unplug the power cord and reconnect it. Then restart the soundbar.

Step 2: Switch the Soundbar to USB mode and plug in the USB storage device.

Step 3: The system will automatically upgrade and you can understand the upgrade process by the Soundbar LED.

Step 4: After the upgrade is completed, the soundbar will enter standby mode. The entire upgrade process will take approximately 3 minutes. After the upgrade is finished, please remove the USB storage device from the soundbar and click ⏻ to turn it on and use it.

IMPORTANT:

1. During the update process, DO NOT remove the USB storage device, unplug the power cord, or turn off the Soundbar.
2. The LED will turn to red if the upgrade is not successful,

please unplug the power cord and the USB device then repeat the above steps to upgrade the Soundbar again.

3. Before upgrading, please make sure that all sources are not physically connected.

6 Specifications

Product Name

2.0 Channel Dolby Atmos All in One Soundbar

Soundbar

- Power Supply: AC 100-240V~50/60Hz
- USB: 5V⎓500mA max
- Power consumption: 38W
- Power consumption at standby mode (after long pressing the power button for 3 seconds): < 0.5W
- Power consumption at standby mode (when the Soundbar has no signal input or audio output for 19 mins) with TCL Home APP on: < 2W
- Impedance: 8 Ω
- Frequency response: 180Hz-20KHz
- Dimensions (WxHxD): 810x60x98MM
- Weight: 2.05 KG
- Operating temperature: 0°C - 45°C

Bluetooth

- Bluetooth version: 5.2, Bluetooth profile - Bluetooth stereo supported (Advanced Audio Distribution Profile - A2DP; Audio Video Remote Control Profile - AVRCP)
- Frequency range: 2402 Mhz – 2480 Mhz
- Max transmitting power: 9.5dBm

Remote Control

- Distance/Angle: 6m/ 30°
- Battery type: 1.5V AAA battery x 2, user replaceable.

7 Notice

Disposal of your old product and battery



Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

which cannot be disposed of with normal household waste. Inform yourself about the local separate collection system for electrical and electronic products and batteries. Follow local rules and never dispose of the product and batteries with normal household waste. Correct disposal of old products and batteries helps prevent negative consequences for the environment and human health.

Remove the disposable battery

To remove the disposable batteries, see the section ‘Install/ replace the remote control battery’.

Environmental protection and sustainability

We have omitted all unnecessary packaging and make sure it is eco-friendly and sustainable.

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HIGH-DEFINITION MULTIMEDIA INTERFACE

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8 FAQ

No power

- Make sure the AC power cord and AC input connector are connected properly.
- Make sure there is power supply.
- Make sure the Soundbar has turned on.

No sound

- Make sure the audio cable is connected to the Soundbar and your device.
- Make sure you have selected the correct source.
- Press up button to increase the volume level.
- Make sure the Soundbar is not muted.

Low voice

- Use the Remote Control to adjust the volume.

The Remote Control does not work.

- Make sure you have selected the correct source.
- Make sure the distance of Remote Control and the Soundbar is within operational range.
- Make sure the battery is correctly inserted and is working.
- Make sure the Remote Control is close to the Remote Control sensor of the Soundbar.

I hear distorted sound.

- Make sure all cables are properly connected.
- Make sure you have selected the correct source.
- Make sure the TV is muted if you play audio from the TV.

I cannot find the Bluetooth name of this Soundbar on my Bluetooth device.

- Make sure the Bluetooth function is activated and LED blink quickly. If the LED is always on, long press bluetooth button on the Remote Control to make the LED fast blink.
- Make sure the Soundbar has paired with your Bluetooth device.

TCL support:
Please visit www.tcl.com

WE ARE READY TO HELP

contact us first with any questions



TAKE CARE WHEN REMOVING THE SOUNDBAR

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