



User Manual

Wireless free sound speaker with Dolby Atmos FlexConnect

Z100

For United States & Canada



Illustrations in this guide 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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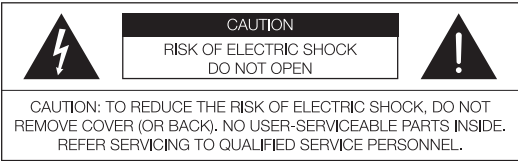
Before you Begin

- Carefully read and observe all safety instructions in the safety leaflet.
- This speaker 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 speaker if it is not used for long periods of time or during lightning storms.
- In case any of the cables are visibly damaged or pinched, unplug the speaker and replace the cable.
- Protect your hearing by adjusting to a proper volume. Predefined and customizable sound settings are available for your listening comfort.

Important Safety Instructions

Make sure you read all the safety information before you use this product.

TCL North America bears no responsibility for accidents or damages caused by unauthorized changes, modifications or improper use of the product.



The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.



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

Warnings

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 or near the product.

To avoid danger of suffocation, keep this plastic bag away from babies and children. Do not use this bag in cribs, beds, carriages or playpens. This bag is not a toy.

Safety

Read these instructions - Read all the safety and operating instructions before operating the product.

Retain these instructions - Retain the safety and operating instructions for future reference.

Heed all warnings - Adhere to all warnings on the product and in the operating instructions.

Follow all instructions - Follow all operating and use instructions.

Do not use this apparatus near water - The appliance should not be used near water or moisture - for example, in a wet basement or near a swimming pool and the like.

Clean only with a dry cloth.

Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where it exits from the product. If the cord set is damaged, it must be replaced by a special cord set available from the manufacturer or its service agent.

Use only attachments/accessories specified by the manufacturer.

Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



Unplug this apparatus during lightning storms or when unused for long periods of time.

Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

The user must maintain a minimum distance of 20CM from the device at all time.

This appliance is not intended for use by young children or infirm persons without supervision. Young children should be supervised to ensure that they do not play with the appliance.

Cautions

To prevent electric shock, match wide blade of plug to wide slot, fully insert.

Do not place any sources of danger on the product (for example: liquid filled objects, lighted candles).

Disconnect the power cord to shut off when find trouble or not in use. The power cord shall be readily operable.

Use of controls or adjustments or performance of procedures other than those described herein, may result in hazardous radiation exposure or other unsafe operation.

The power cord/appliance coupler is used as the disconnect device, the disconnect device must remain readily operable.

The rating label is located at the bottom or back of the product.

The use of apparatus in tropical and moderate climates.

Disposal of Your Old Product

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

This product may contain lead and mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities.

Compliance notice

Notice for US

FCC Information

Warning

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note

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 of 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.

FCC Radiation Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

Notice for Canada

Class B Clause

This Class B digital apparatus complies with Canadian ICES-003

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Radiation Exposure Statement

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Warning: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

Welcome

What's in the box

Congratulations on the purchase of your new TCL Speaker! 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.



Speaker



AC Power Cord

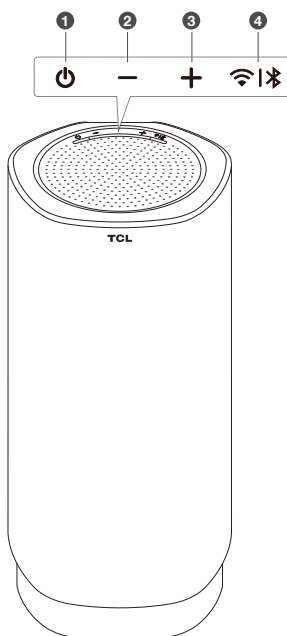


Manual



Warranty Card

Speaker description



1

Short press: Power on or enter network standby

Long press: Long press for 5s to power off

2

Press to decrease the volume

3

Press to increase the volume

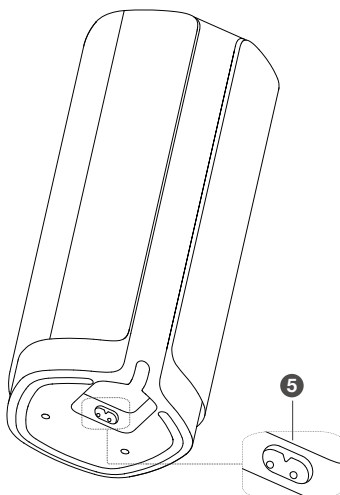
4

Short press: Switch between Wi-Fi and Bluetooth sources. After switching, perform the following:

Bluetooth:

1. If no devices are in the Bluetooth history list, "Bluetooth" will display for 3s, then enter pairing mode.

2. Under Bluetooth source, long press for 3s to enter pairing mode, then display pairing status.



Wi-Fi:

1. Default: Wi-Fi

2. Long press for 3s to enter Wi-Fi pairing mode. The TV can then detect the standalone power on/off SPK and maintain the previous source before shutdown.

5 Power supply

After connecting the power cable, the device powers on and automatically enters user mode.

Key combinations:

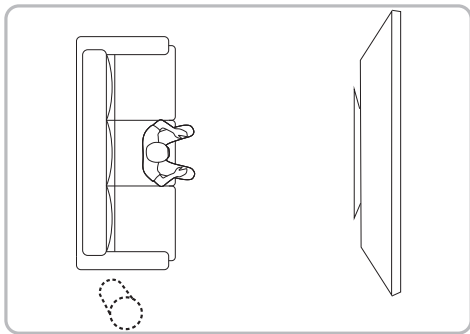
- Factory reset: While powered on, simultaneously press and hold , and for 10s.
- Check version number: While powered on, simultaneously press and hold and for 10s.
- Bluetooth networking function: Simultaneously press and hold and on the panel for 5s.

Speaker position selection

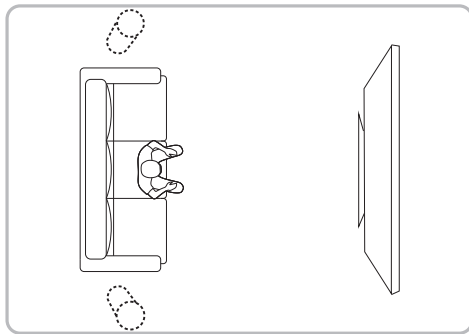
Ensure there are no obstacles between the TV and the speakers.

Refer to the diagram below for recommended speaker positions (up to 4 Z100 units).

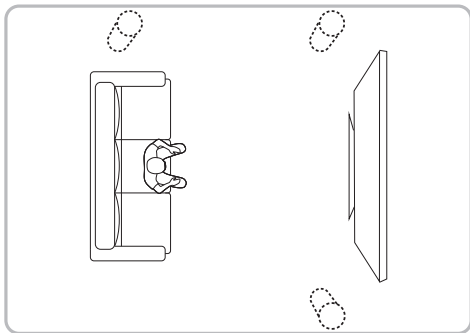
Recommended position for 1 speaker:



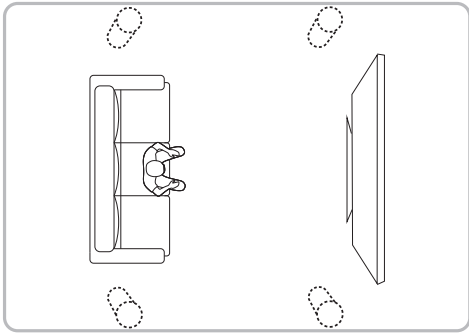
Recommended positions for 2 speakers:



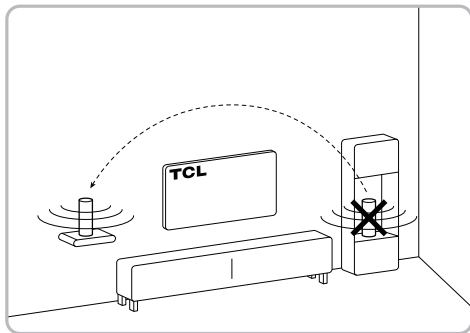
Recommended positions for 3 speakers:



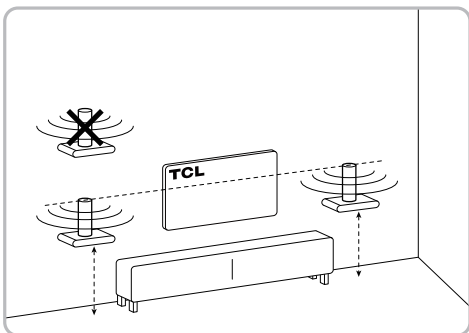
Recommended positions for 4 speakers:



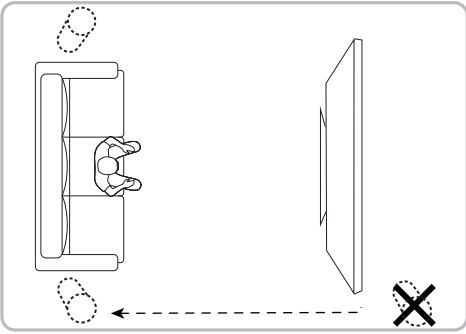
Avoid placing speakers in resonant cavities such as bookshelves and cupboards.



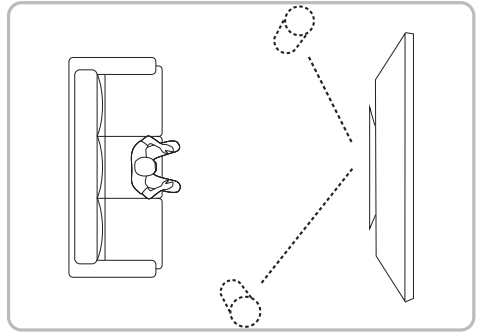
Position speakers at similar heights.



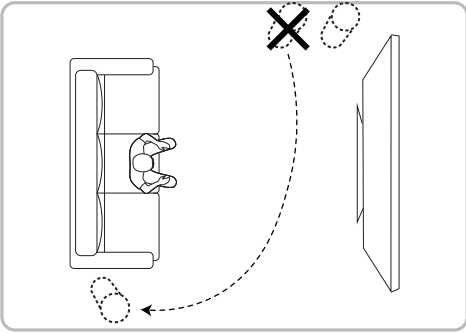
Do not position your speakers behind the TV.



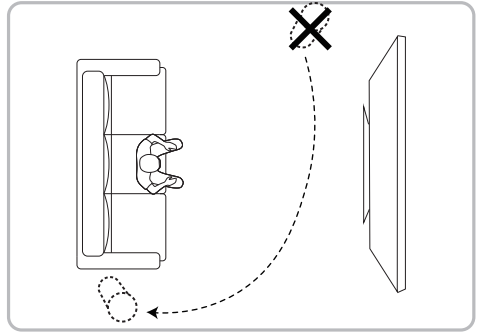
Ensure that there are no physical barriers between the TV and speakers.



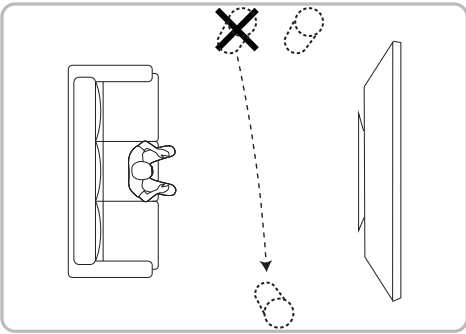
Avoid positioning all your speakers on one side. Balance them on the left and right side.



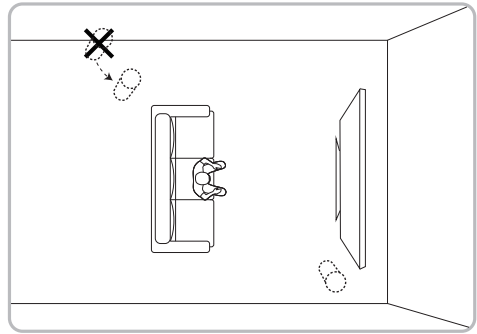
Balance speakers between the front and back (TV speakers count as front).



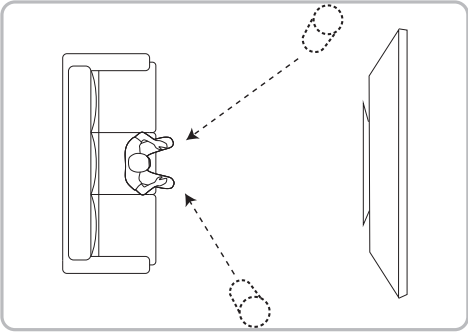
Do not cluster speakers together. Aim for an even distribution around the room.



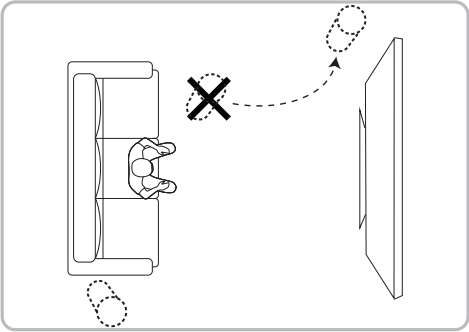
Avoid positioning speakers in a corner.



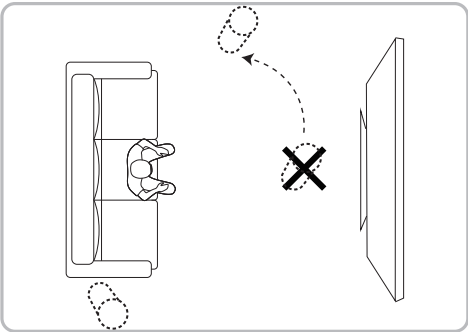
Position the speakers facing the listening position.



Avoid positioning speakers in close proximity to the listener position.



Do not use speakers as the central speaker.

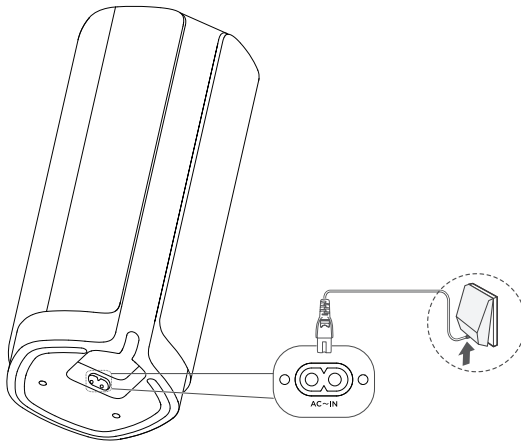


Wireless Dolby Atmos Speaker Connections

After securing the position of the speaker, connect them to your TV or other devices for audio playback. Ensure the audio on the TV or device is muted. For more information, refer to your TV or device user manual.

Connect the speaker to power

- 1 Before connecting the speaker to power, ensure all other connections are completed.
- 2 Ensure that the power voltage complies with your country's safety standards.
- 3 Connect one end of the provided AC power cable to the AC input port on the speaker, and the other end to a wall power outlet.



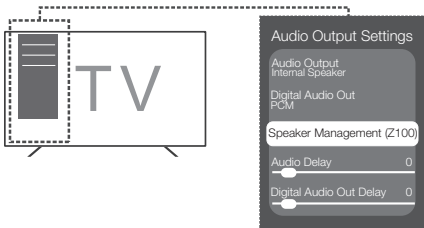
TV pairing

Method 1: When the product is started for the first time, it will automatically enter the pairing mode. The TV terminal needs to open the specified page to discover the list of speakers.

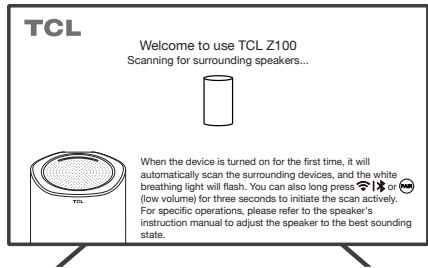
The path of the specified page: All Settings > Display and Sound > Audio Output Settings > Speaker Management (Z100) (> Pair and Manage > Add New Device)

(The path may vary depending on the specific model of the television.)

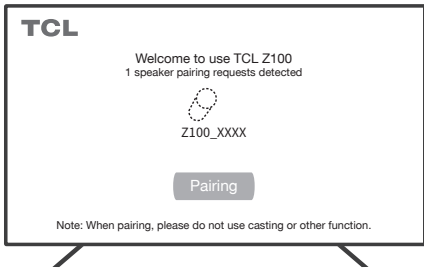
Note: 5GHz Wi-Fi network is required.



1



2



3

Notes

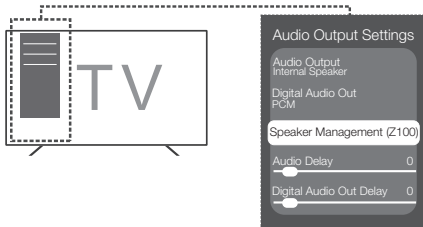
- XXXX represents the last four digits of the MAC address.
- If pairing fails with Method 1, execute Method 2 to re-trigger the speaker pairing.

Method 2: Short press   to switch to the Wi-Fi source, and then press and hold it for 3s to enter the pairing mode with the TV.

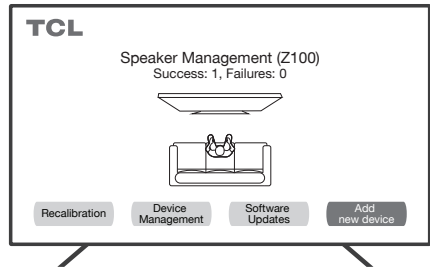
Follow the TV pairing path in Method 1 to pair.

Notes

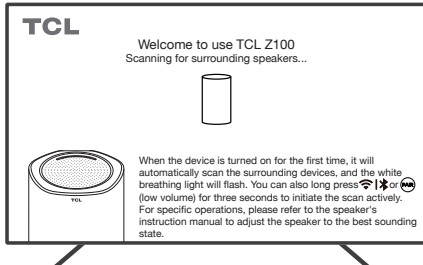
- Refer to TCL official website for supported TV models.
- Maintain connection in a 5GHz Wi-Fi environment.
- Obtain optimal viewing position before auto-calibration.
- When using Z100 speakers, video playback may pause during certain scenarios when accessing settings for optimal audio-visual experience.
- For best viewing effect, ensure speaker fronts face the user during calibration.



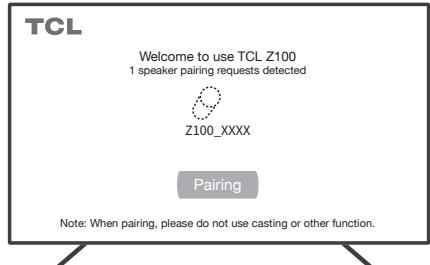
1



2



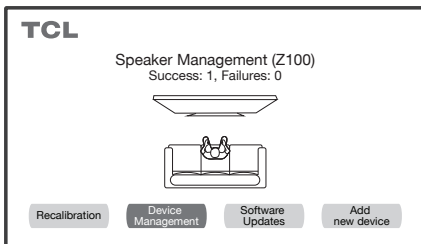
3



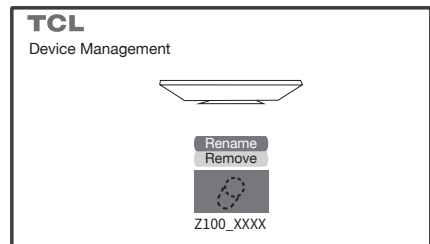
4

Speaker management

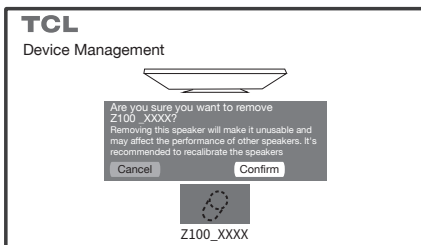
Click "Sound" -> "Speaker Management".



1



2



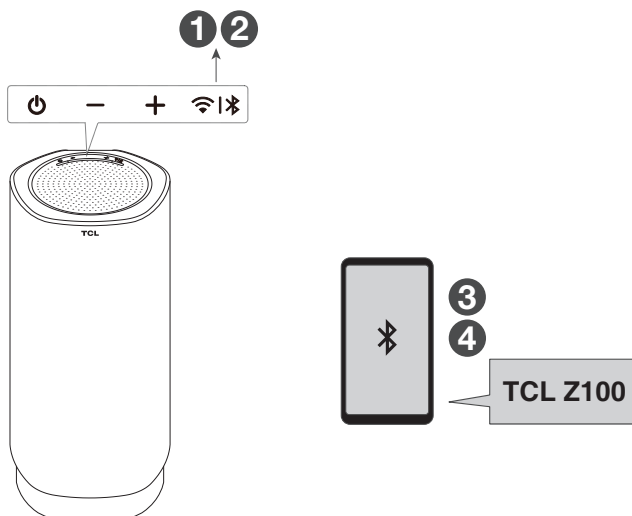
3

* TV related schematic diagram. The actual TV interface display may vary.

Connect the speaker to a Bluetooth device

Notes

- Ensure your wireless device supports Bluetooth function.
 - Operating range between speaker and Bluetooth device is approximately 10m (no obstacles between devices)
- 1 Short press   button -> Switch to Bluetooth source (blue light will display).
 - 2 Long press   button for 3s to enter pairing mode.
 - 3 Enable Bluetooth on your device and ensure it is in pairing mode.
 - 4 Select **TCL Z100**.



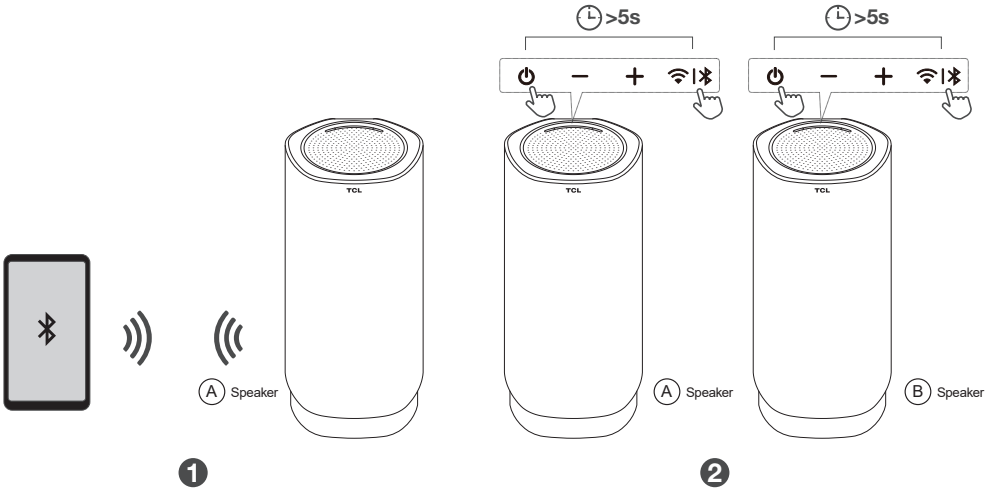
Bluetooth networking function

Connection and pairing:

- 1 Activate networking function by long-pressing combo keys in Bluetooth mode.
- 2 For networking, one speaker must be connected to phone as host while the other speaker must not be phone-connected.
- 3 Host speaker (phone-connected) pairs with secondary (unconnected). System will auto-announce Left/Right after networking.
- 4 In the networking state, double-press   button to toggle stereo L/R channels (works with/without Bluetooth connection). Voice prompt indicates Left/Right.
- 5 Secondary speaker disables Bluetooth visibility/connectivity.
- 6 The network feature has memory function. After restarting, the host/secondary devices will maintain their previous mode and roles. If previously paired, they will automatically reconnect.
- 7 Upon successful networking, host shows solid orange light while secondary shows slow breathing orange light.

Operation control:

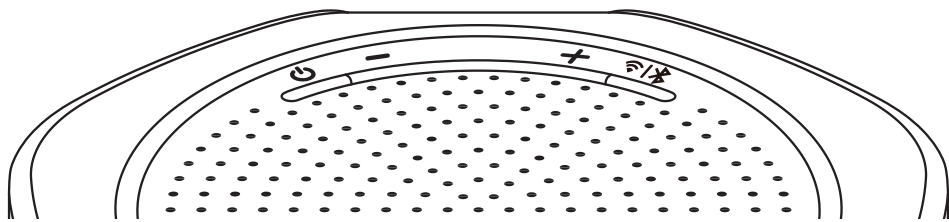
- 1 Supports synchronized volume adjustment between host and secondary.
- 2 Host and secondary power buttons operate independently.
- 3 Secondary automatically syncs to host volume after connection.
- 4 In networking mode, the host maintains normal functions such as Bluetooth disconnection, pairing (long press the Bluetooth button), and reconnect with the same connection logic and LED indicators as standalone mode, while the secondary remains unavailable.
- 5 Switching input source on host or secondary automatically exits network mode.
- 6 After the host and secondary are networked, to connect secondary separately to Bluetooth devices, perform factory reset.
- 7 When the Bluetooth network is disconnected, long press   for more than 3s clears host/secondary configuration. Network reconnect becomes unavailable (requires combo key press to re-establish).



Using the Speaker

Control the speaker through the panel

The LED status shown on the speaker is helpful to understand the behavior of the speaker.
Bluetooth: blue; Wi-Fi: white; system reset: yellow; abnormal: red; other status: changing white.



Key	Function	LED status on the speaker
 (Bluetooth)	Disconnect	The blue light flashes for 5s and then turns off.
	Pairing	The blue light flashes quickly and turns off after 180s.
	Connected	The light is on for 2.5s and fades out in 0.5s.
 (Wi-Fi)	Disconnect	The light fades in and out for 5 times within 5s.
	Pairing	The white light flashes quickly and turns off after 180s.
	Connected	The light is normally on for 2.5s and fades out in 0.5s.
 + and -	Short press 	The light fades in and out in 0.5s.
	Short press 	The light fades in and out in 0.5s.
	Long press 	The light fades in and out in 0.5s.
	Long press 	The light fades in and out in 0.5s.
	Maximum volume	The light fades in and out twice, and then turns off.
	Minimum volume	The light fades in and out twice, and then turns off.
	Power on (standby/sleep -> power on)	After the startup process ends, the light turns on in the color of the last input and switches to the corresponding input source.
	Standby/sleep	1. The light turns on, turns off gradually and sleeps in 3s. 2. The light turns on, turns off gradually, and then flashes twice and turns off (flashing twice in 1s and then turning off) and then stays standby in totally 4s.
	Restore setting	The yellow light flashes continuously until the device is restored to user mode.

Specifications

Product Name

Wireless free sound speaker with Dolby Atmos FlexConnect

Speaker

- Power supply: AC 100-240V-50/60Hz
- Power consumption: 40W
- Standby power consumption (after long pressing the power button for 5s): < 0.3W
- Standby power consumption when network standby is enabled
(Bluetooth source/Wi-Fi not connected: when no signal input or audio output for 20 minutes;
Wi-Fi connected: follows TV standby): <2W
- Bass impedance: 4Ω
- Tweeter impedance: 8Ω
- Sky sound & full-frequency impedance: 6Ω
- Frequency response: 20 Hz-20 KHz
- Dimensions (length x height x width): 137.6x301.6x132.6mm
- Weight: 2.55 kg
- Operating temperature: 0°C-45°C
- Bluetooth frequency range: 2.40 - 2.4835 GHz
- Bluetooth transmitter power: < 20 dBm (EIRP)
- Wi-Fi network: IEEE 802.11 a/b/g/n/ac (2.4GHz/5GHz)
- 5GHz Wi-Fi frequency range: 5.15 – 5.35 GHz, 5.470 – 5.725 GHz, 5.725 – 5.85 GHz
- 2.4GHz Wi-Fi frequency range: 2.4 – 2.4835 GHz
- **FTC Power Output Rating: 72W**

Bluetooth

- Bluetooth version: 5.3, Bluetooth profiles - supports stereo Bluetooth
(Advanced Audio Distribution Profile-A2DP; Audio/Video Remote Control Profile-AVRCP)

Notice

Disposal of your old product



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

Environmental protection and sustainability

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

Trademarks



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TCL support:

US: support.tcl.com

CA: www.tcl.com/ca/en

www.tcl.com/ca/fr

1-877-300-9223

WE ARE READY TO HELP

Contact us first with any questions



**TAKE CARE WHEN REMOVING THE
SPEAKER**

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