



# TCL HH512LV Linkhub 5G WLAN Router User Guide

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## TCL HH512LV Linkhub 5G WLAN Router User Guide

# TCL

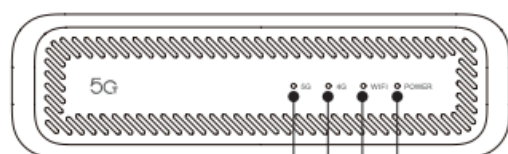
# LINKHUB<sub>5G</sub>

### Quick Start Guide

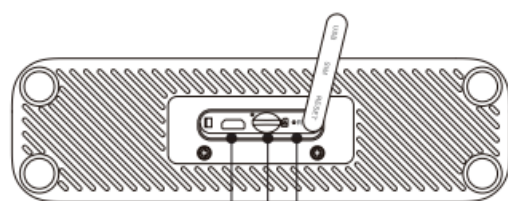


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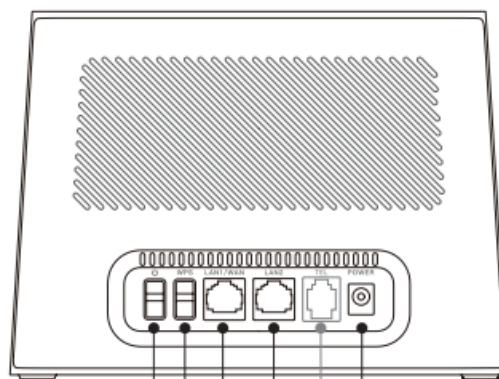
HH512LV/HH512LM



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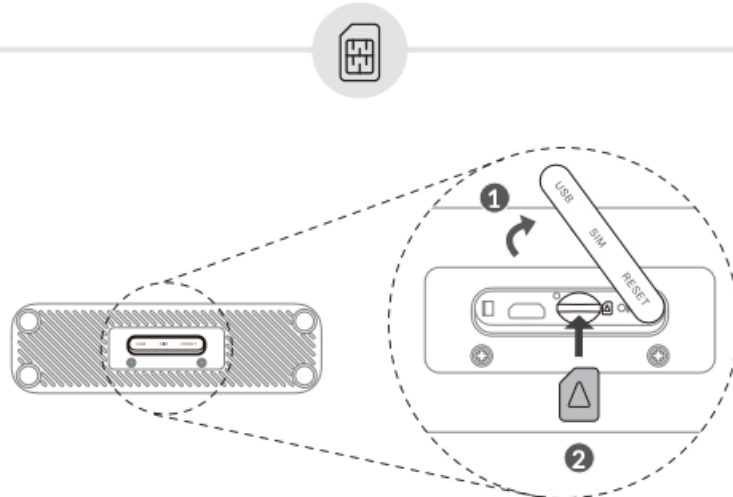


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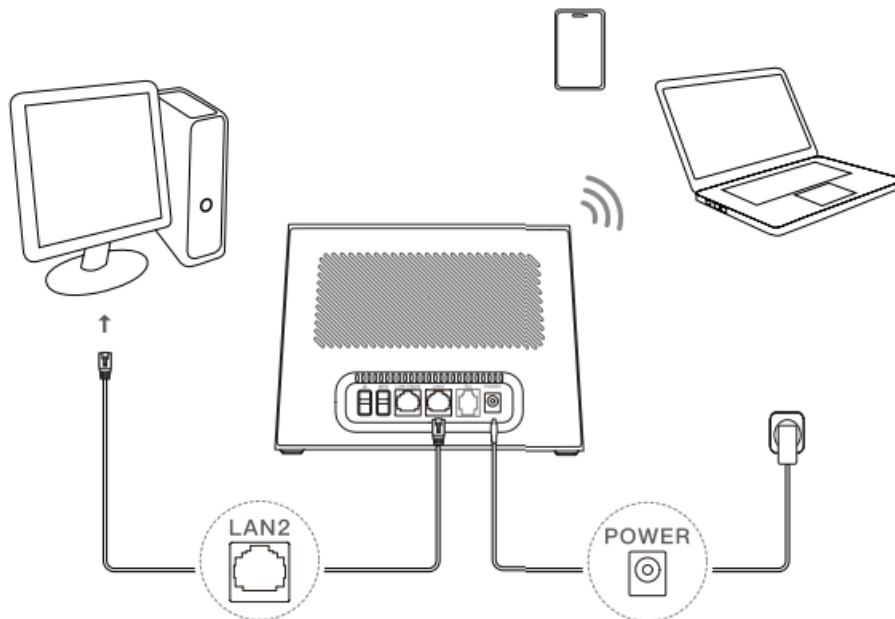
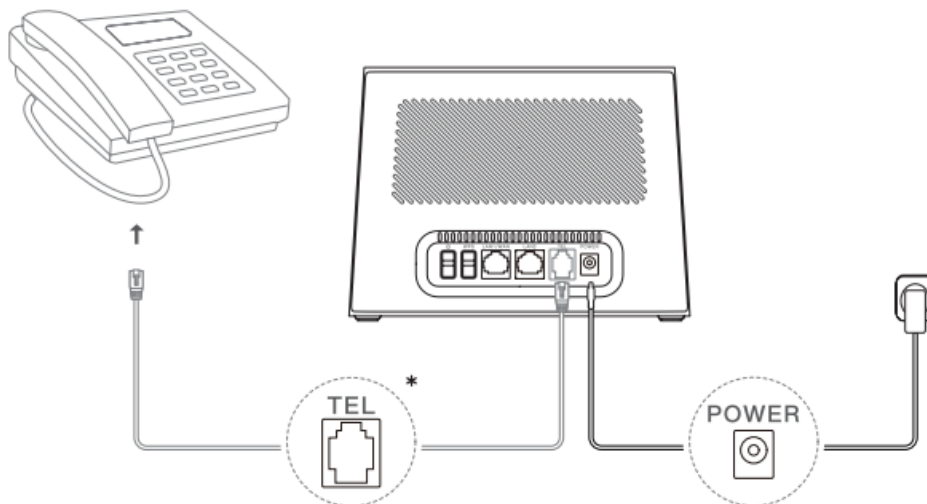
\* For selected models

**NOTE:** Depending on the model, your device may look different from the illustration.

1. 5G network indicator	<ul style="list-style-type: none"> <li>• Solid blue: The signal is good.</li> <li>• Solid yellow: The signal is weak.</li> <li>• Off: The 5G network is not working.</li> </ul>
2. 4G network indicator	<ul style="list-style-type: none"> <li>• Solid blue: The signal is good.</li> <li>• Solid yellow: The signal is weak.</li> <li>• Off: The 4G network is not working.</li> </ul>
3. Wi-Fi/WPS indicator	<ul style="list-style-type: none"> <li>• Solid blue: Wi-Fi is enabled.</li> <li>• Blinking blue: WPS connection is available.</li> <li>• Off: Wi-Fi is disabled.</li> </ul>
4. Power indicator	<ul style="list-style-type: none"> <li>• Solid blue: The device is powered on.</li> <li>• Blinking blue: The device is performing firmware update via FOTA.</li> <li>• Off: The device is powered off.</li> </ul>
5. Micro USB port	Dedicated port for debugging.
6. Nano SIM card slot	Insert a nano SIM card in the slot.
7. Reset button	Use a paperclip to press the button for 3 seconds to reset the device.
8. Power button	<ul style="list-style-type: none"> <li>• Press for 3 seconds to power off your device.</li> <li>• Press for 1 second to power on your device.</li> </ul>
9. WPS button	Press the button for 3 seconds to enable the WPS function. The WPS function will be automatically disabled if a WPS connection is not established within 2 minutes.
10. WAN/LAN port	Used to connect to an internet source or wired devices such as computers or switches.
11. LAN port	Used to connect to wired devices such as computers or switches.
12. Telephone port* (for HH512LV only)	Connect a telephone to make or answer calls.
13. Power connector	Used to connect to the power adapter.



**NOTE:** Do not remove the SIM card when your CPE is in use.



- To establish a wired network connection, connect the wired device to the LAN port of your CPE using an Ethernet cable.
- To establish a wireless network connection, search for the Wi-Fi name on your wireless devices. The default Wi-Fi name (or the SSID) and password can be found on the bottom label of your CPE.
- To configure the CPE Wi-Fi network, open a web browser on the device connected to the CPE network wiredly or wirelessly, then log into the website and follow the on-screen instructions. For the website and the default login information, refer to the bottom label of your CPE.

## Safety and use

Please read this chapter carefully before using your device. Failure to follow these safety instructions could result in injury, or damage to your device or other property. The manufacturer disclaims any liability for damage, which may result as a consequence of improper use or use contrary to the instructions contained herein.

- Do not use the device in areas where wireless devices are prohibited.
- When the device is switched on, it should be kept at least 15 cm from any medical device such as a pacemaker, a hearing aid, or an insulin pump. Consult your physician and medical device manufacturer for information specific to your medical device.
- Do not let children use the device and/or play with the device and accessories without supervision.
- Always handle your device with care, and keep it in a clean and dust-free place.
- Do not attempt to repair the device yourself.
- Do not drop, throw, or bend your device.
- Do not dispose of the device and its accessories in a fire.
- Do not allow your device to be exposed to adverse weather or environmental conditions (moisture, humidity, rain, infiltration of liquids, dust, sea air, etc.). The manufacturer's recommended operating temperature range is 0°C (32°F) to 45°C (113°F).
- Use only batteries, battery chargers, and accessories which are compatible with your device model.

## Adapters

Mains powered adapters will operate within the temperature range of: 0°C (32°F) to 45°C (113°F).

The adapters designed for your device meet the standard for safety of information technology equipment and office equipment use. They are also compliant with the ecodesign directive 2009/125/ EC. Due to different applicable electrical specifications, an adapter you purchased in one jurisdiction may not work in another jurisdiction. They should be used for the purpose of charging only.

Model: CYCA18-120150E/CYCA18-120150UK/S018BAV1200150

Input Voltage: 100~240 V

Input AC Frequency: 50/60 Hz

Output Voltage: 12 V

Output Current: 1.5 A

Output Power: 18 W

Average active efficiency: 85%

No-load power consumption: < 0.1 W

## Radio Equipment Directive Declaration of Conformity



Hereby, TCL Communication Ltd. declares that the radio equipment of type TCL HH512LV/HH512LM is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: [https://www.tcl.com/global/en/EC\\_DOC](https://www.tcl.com/global/en/EC_DOC).

## Radio waves

This device meets international guidelines for exposure to radio waves.  
For more information, you can go to [tcl.com](http://tcl.com).

## Frequency bands and maximum radio-frequency power

This radio equipment operates with the following frequency bands and maximum radio-frequency power:


LTE FDD B1/3 (2100/1800MHz): 23.5 dBm

LTE FDD B7/B28 (2600/700MHz): 23.0 dBm  
 LTE FDD B8 (900MHz): 24.0 dBm  
 LTE FDD B20 (800MHz): 25.0 dBm  
 LTE TDD B38 (2600MHz): 24.0 dBm  
 LTE TDD B40/B42/B43 (2300/3500/3700MHz): 23.0 dBm  
 UL CA Combination: 25.5 dBm  
 5G NR FDD n1/n3 (2100/1800MHz): 23.5 dBm  
 5G NR FDD n7/n8/n28 (2600/900/700MHz): 24.5 dBm  
 5G NR FDD n20 (800MHz): 24.0 dBm  
 5G NR TDD n38/n40 (2600/2300MHz): 24.0 dBm  
 5G NR TDD n41/n77/n78 (2500/3700/3500MHz): 27.0 dBm


EN-DC Combination: 26.0 dBm  
 802.11 b/g/n/ax 2.4GHz band: 18.86 dBm  
 802.11 a/n/ac/ax 5150 – 5350 MHz: 17.00 dBm  
 802.11 a/n/ac/ax 5470 – 5725 MHz: 19.82 dBm  
 802.11 a/n/ac/ax 5725 – 5875 MHz: 10.88 dBm  
 802.11 a/ax 5945 – 6425 MHz: 18.16 dBm

## Restrictions:

This equipment may be operated in all European countries. The 5150-5250 MHz<sup>1</sup> of Wi-Fi 5GHz can be used inside buildings and outdoors only when the equipment is not attached to a fixed installation or to the external body of road vehicles, a fixed infrastructure or a fixed outdoor antenna. The 5250- 5350 MHz<sup>1</sup> of Wi-Fi 5GHz can be used inside buildings only. The 5470-5725 MHz<sup>1</sup> band of Wi-Fi 5GHz can't be used in road vehicles, trains, aircraft or UAS (Unmanned Aircraft System) scenarios for the following countries:

	BE	BG	CZ	DK	DE	EE	IE	EL	ES
	FR	HR	IT	CY	LV	LT	LU	HU	MT
	NL	AT	PL	PT	RO	SI	SK	FI	SE
	NO	IS	LI	CH	TR	UK (NI)			

	Third countries								
	UK								

This radio equipment is also subject to certain restrictions when it is placed on the market in United Kingdom (UK):

In accordance with the relevant statutory requirements in the UK, the 5150 to 5350 MHz frequency range is restricted to indoor use in the United Kingdom.

<sup>1</sup> Depending on the device you purchased.

## Licences



Wi-Fi Alliance certificated

## Waste disposal and recycling

Your device, accessory and removable battery must be disposed of in accordance with locally applicable environmental regulations.

This symbol on your device, the battery, and the accessories means that these products must be taken to:



- Municipal waste disposal centres with specific bins.
- Collection bins at points of sale.

They will then be recycled, preventing substances being disposed of in the environment.

In European Union countries: These collection points are accessible free of charge. All products with this sign must be brought to these collection points.

In non-European Union jurisdictions: Items of equipment with this symbol are not to be thrown into ordinary bins if your jurisdiction or your region has suitable recycling and collection facilities; instead they are to be taken to collection points for them to be recycled.

## General information

- **Internet address:** tcl.com
- **Service Hotline and Repair Center:** Go to our website [www.tcl.com/global/en/service-supportmobile/hotline&service-center.html](http://www.tcl.com/global/en/service-supportmobile/hotline&service-center.html).
- **Full User Manual:** Check the Help section on the login website to download the full user manual of your device.
- **Manufacturer:** TCL Communication Ltd.
- **Address:** 5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong

## Limited warranty

### • Additional Rights Under Consumer Laws

As the consumer You may have legal (statutory) rights that are in addition to those set out in this Limited Warranty offered by Manufacturer voluntarily, such as the consumer laws of the country in which You live ("Consumer Rights"). This Limited Warranty sets out certain situations when the Manufacturer will, or will not, provide a remedy for the TCL device. This Limited Warranty does not limit or exclude any of your Consumer Rights relating to the TCL device.

### • Manufacturer Warranty Coverage

This Manufacturer's Limited Warranty sets forth the warranty responsibilities of the Manufacturer regarding TCL branded hardware and accessories manufactured by or on behalf of the Manufacturer.

The Manufacturer warrants to the original end-user purchaser of a new TCL device ("You"), that the TCL device will be free from defects in materials and workmanship under normal use from a period that commences on the date of original purchase by You and continuing for the following specified period of time for each applicable type of TCL device (the "Warranty period").

This Limited Warranty is not transferable by You.

The applicable Warranty period is listed below:

TCL device & Embedded battery	12 months <sup>(1)</sup>
TCL accessories: USB cable, Adapter <sup>(2)</sup>	3 months <sup>(1)</sup>

In case of any defect of your device which prevents you from normal use thereof, you must immediately inform your vendor and present your device with your proof of purchase.

If the defect is confirmed by the Manufacturer or its authorised service providers, your device or part thereof will be either repaired or replaced, as appropriate. Repair or replacement may be carried out using reconditioned components offering equivalent functionality.

This warranty covers the costs of repair or replacement (labour and spare parts) but excludes any other costs.

This warranty shall not apply to defects on your device and/or accessory due to (without any limitation),

(1) The Warranty period may vary depending on your country of purchase and/or channel of purchase.

(2) If included.

- non-compliance use with the instructions for use or installation, or with technical and safety standards applicable in the geographical area where your device is used;
- connection to any equipment not supplied or not recommended by the Manufacturer;
- repair performed by individuals not authorised by the Manufacturer or its affiliates;
- modification, adjustment or alteration of software or hardware performed by individuals not authorised by the Manufacturer;
- inclement weather, lightning, fire, humidity, infiltration of liquids or foods, chemical products, intrusion or download of malicious files/software (malware), crash, high voltage, corrosion, oxidation.

In no event shall the Manufacturer or any of its affiliates be liable for indirect, incidental or consequential damages of any nature whatsoever, including but not limited to commercial or financial loss or damage, loss of data or loss of image to the full extent those damages can be disclaimed by law.

Some countries/states do not allow the exclusion or limitation of indirect, incidental or consequential damages, or limitation of the duration of implied warranties, so the preceding limitations or exclusions may not apply to You.

If your TCL device is returned during the Warranty period, but your TCL device is not covered under this limited warranty, terms and charges may apply for any repair or processing performed.

If you do not live in the country where the TCL device was originally sold to you then,

(a) warranty repair or service may not be possible;

(b) you may be required to agree to terms and/or to pay certain costs (including but not limited to, shipping and handling costs);

(c) the warranty repair or service, if possible, may take longer than normal to complete.

#### • **Back Up Your Data**




You should regularly backup your data, files, applications and settings as a safeguard against possible operational issues including prior to the return of the TCL device. Data backup is your responsibility and is not the responsibility of the Manufacturer, the retailer through whom You purchased the TCL device, or the Manufacturer's authorised service providers through whom You may have received servicing, (repair or replacement of the TCL device).

If you need to send/leave your TCL device for servicing, we recommend you to remove from your device any peripherals (memory card, SIM card) and personal and confidential data before sending/ leaving your TCL device.

During the servicing (repair or replacement) content on your TCL device may be deleted, reformatted or configured as originally purchased (subject to then current updates and upgrades of software) and peripherals removed may not be returned to you.

This limited warranty does not cover the backup, recovery or reinstallation of your data, files and applications to the TCL device.

**Documents / Resources**

	<a href="#">TCL HH512LV Linkhub 5G WLAN Router</a> [pdf] User Guide HH512LV, HH512LV Linkhub 5G WLAN Router, Linkhub 5G WLAN Router, 5G WLAN Router, WLAN Router, Router
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**References**

- [🌐 TCL USA | TVs, Sound Bars, Phones, Appliances](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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