



WiFi IR Remote control

TLL331241 User manual

Compatible with Alexa and Google Home
for other languages please visit www.smart.tellur.com



INTO YOUR FUTURE

Thank you for choosing Tellur!

To ensure an optimum performance and safety, please read this user manual carefully before using the product. Keep this user manual safe for future references.

Product diagram

Led indicator



Front side

Config button



Bottom side



Type-C input

Specifications

Input: 5V/ 1A

Input port: Type-C

Infrared Frequency: 38-56K

Infrared Direction: Multiple-direction

Infrared range: Up to 10 meters in open space

Device compatibility: More than 95% of IR controlled devices

DIY function: Can learn new devices remotes

Temperature sensor: Yes

Temperature range: -20° C - +80° C

Humidity sensor: Yes

Humidity range: 0% - 100%

Charging cable length: 1.5 meters

Voice control: Yes, through Google Assistant and Amazon Alexa

Wireless frequency: 2.4GHz

WiFi standard: IEEE 802.11b/g/n

Security: WPA-PSK/ WPA2-PSK /WPA/WPA2/WEP/WPS2/WAPI

Encryption type: WEP/TKIP/AES

Compatibility: Devices with Android 4.1 / iOS 8 or higher

Color: Black

Product dimensions: Φ 70mm, 23mm

Product weight: 40g

Package content: 1 x IR Remote control / 1 x Charging cable / 1 x Adhesive pad

Product features

Universal infrared controller that gives smart features to non-smart devices

Remote control via Tellur Smart app & voice control via Google Assistant and Amazon Alexa

Built-in temperature and humidity sensor

Automation, smart scenarios & DIY learning.

Device sharing

It allows other people to control the device. You can share the device with the added family members

Product instalation

1. Download and install the Tellur Smart app for either iOS or Android devices.



2. Once downloaded, the app will ask you to register your device. Enter your email, select the country you live in and create a password for your Tellur Smart account.

<

Register

Country >

E-mail address ×

Continue

I agree with [Service Agreement](#) and [Privacy Policy](#)

<

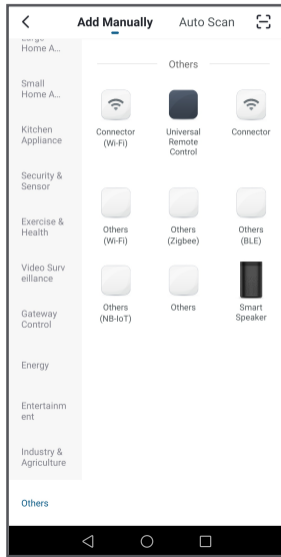
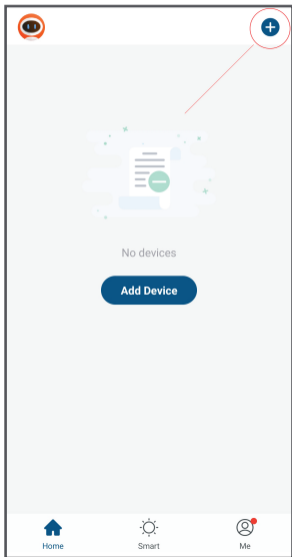
Set Password

..... > ×

Done

3. Connect the mobile phone to the local WiFi Network where the device will be installed.
4. Power on the IR Remote control, long press (5 seconds) on the configuration button until the LED flashes quickly.

5. Click “ + ” in the upper right corner of the app, choose Others, then Universal Remote Control



6. Select the WiFi network and input its password.

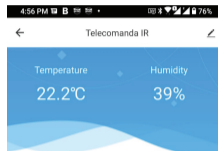
7. Once connected, the app will prompt the connection, then you can rename the device or just click "done".

8. Once the app is installed on your device and you have added your smart device to your app, you will be able to control it.

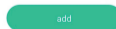
Temperature value can be switched between °C or °F.

Tap on the temperature reading to change.

***Temperature tolerance will be higher than normal in the first 15 minutes after installation. It will automatically calibrate after.



No IR device found , please add one.



Adding IR devices:

1.Quick Match

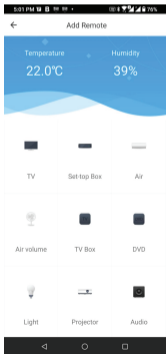
a.Click “Add” and choose the device type

b.Choose the device brand

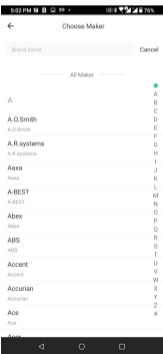
c.Make sure the IR Remote points to the device and press the first button to control the device

d.If at least 3 buttons can be controlled correctly press “Can control” to finish the installation.

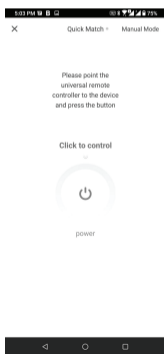
a.



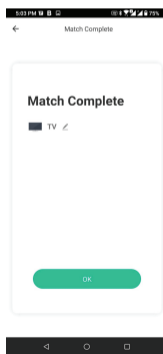
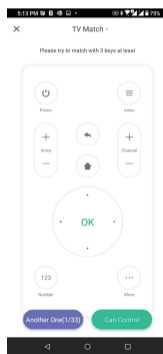
b.



c.



d.



2.Manual match:

a.Click “Add” and choose the device type

b.Choose the device brand

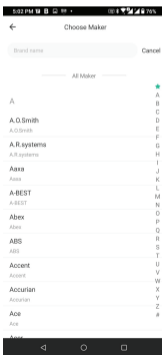
c.Use at least 3 keys to match the code of the IR remote. If failed, choose “Another one” until you find the correct remote setting.

d.When the correct remote found, click “Can control” to complete the installation.

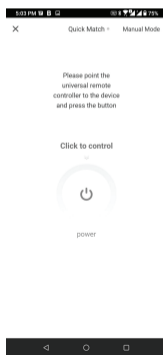
a.



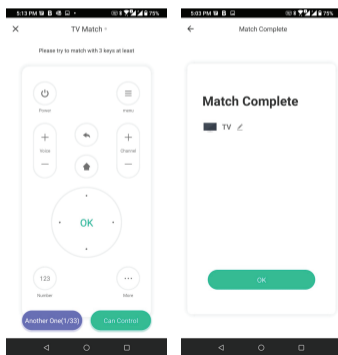
b.



c.



d.



3. DIY match (Do it yourself)

a. Choose DIY from device type list

b. Choose the device you want to control

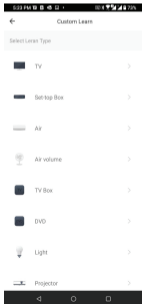
c. Keep the original remote control and the WiFi IR remote control within 3cm face to face and press each button until it turns green in APP. Ensure at least 3 buttons configured correctly.

d. Enter confirmation page, check at least 3 keys are working correctly and choose “Can control” to complete the installation

a.



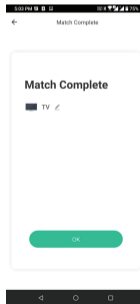
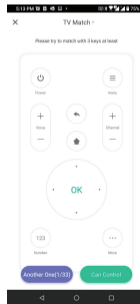
b.



c.



d.



Failed to add device?

1. Make sure the device is powered on.
2. Check the WiFi connection of your phone.
3. Check if the device is in pairing mode.

Reset your smart device to enter pairing mode. Please refer to the "How to reset device" section below.

4. Check router or related: If you use a dual-band router, select the 2.4GHz network to add the device. You also need to enable the router's broadcasting function. Set encryption method as WPA2-PSK and authorization type as AES, or set both on "auto".
5. Check if the WiFi signal is strong enough. To maintain the signal strong, keep your router and the smart device as close as possible.
6. Wireless mode should be 802.11.b/g/n
7. Make sure you don't exceed the maximum number of registered devices supported by the app (150).
8. Check if the router's MAC filtering function is enabled. If so, remove the device from the filter list and make sure the router is not prohibiting the device connection.
9. Make sure the WiFi password entered in the app is correct.

EZ and AP connection modes:

Smart devices can be connected using two modes: EZ and AP.

EZ represents the easiest way of connecting and enabling a smart device. You will need to have the device, active wireless network through with login password and Tellur Smart APP installed on a smartphone / tablet.

AP mode can be used to configure and enable a smart device first with the smartphone / tablet and later on to the Wi-Fi network.

How to add device under EZ mode?

1. Make sure the LED indicator/light flashes quickly.
2. Make sure the phone is connected to WiFi.
3. Tap "Add device" in Tellur Smart app and enter the WiFi's network password.
4. In the device list, select the device you want to pair and add it.

How to add device under AP mode?

1. Make sure the LED indicator/light flashes slowly.
2. Tap "Add device" in Tellur Smart app and select "AP mode" from the top-right corner. Connect to the device's hotspot first and then proceed to connect it to the WiFi network.
3. Tap "Next" to add device.

Can I control device with 2G/3G/4G network?

When adding the device for the first time, the device and the phone need to be connected to the same WiFi network. Once the device has been successfully paired with Tellur Smart app, you can remotely control it via 2G/3G/4G networks.

How can I share my device with family?

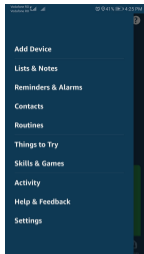
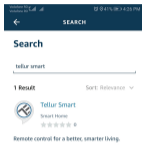
Open Tellur Smart app, go to "Profile" -> "Device sharing" -> "Sharing sent", tap "Add sharing" and share the device with the added family members. Notice - users have to install the Tellur Smart app on their device in order to see shared devices.

How can I manage the devices shared by others?

Open the app, go to "Profile" > "Device sharing" > "Sharing received" then you can find the devices shared by other users. It also allows to add remarks to users or delete certain sharings by long pressing or swiping left.

Alexa integration:

1. Go to Home menu on Alexa app.
2. Select "Skills" / "Skills & Games".



3. Type Tellur Smart in the search bar.

4. Select Tellur Smart and click "Enable" to activate Tellur Smart.
5. Then you need to input your account and password that you registered in Tellur Smart . Now you finish the Alexa Link.
6. Your Tellur App has been skilled with Alexa, and now you can control any device added to your Tellur Smart App, remember that if you rename the device you added, it must be a simple name that Alexa can recognize.

7. Control your smart devices through Alexa

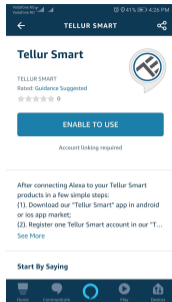
Now you can control your smart devices through Alexa. Take bedroom light as the example, the supported voice commands are as below:

“Alexa, turn off bedroom light”

“Alexa, turn on bedroom light”

“Alexa, dim bedroom light”

“Alexa, set bedroom light to red”



Quick Guide of Using Google Home to Control Smart Devices

Before using Google Home to control your devices, make sure you meet the following conditions:

You have a Google Home device or an Android device with Google Assistant.

You have the newest version of Google Home app.

You have the newest version of Google app (Android only).

The device display language is set to English US.

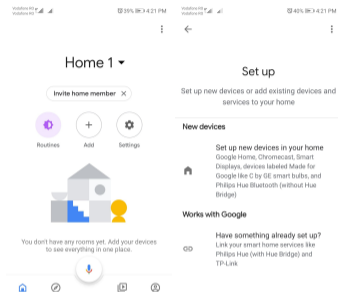
You have the Tellur Smart app and a related account.

Add devices in Tellur Smart app (Refer to app instructions)

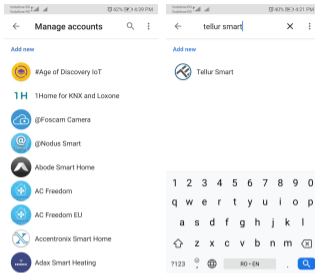
You can skip this part if you've already added some devices to your Tellur Smart account, and in the meantime the devices' name are easily recognizable.

Link account in Home Control

1. Go to Google Home's homepage and tap "+".



2. Hit the "Add new" button, enter Tellur Smart in the search bar and select the app from the list. Next, select your Tellur Smart account's region, enter your Tellur Smart account and password and tap "Link now". After you assign rooms for devices, your devices will be listed in the Home Control page.



Now you can control your smart devices through Google Home. Take bedroom light as the example, the supported voice commands are as below:

- **Ok Google, turn on/off bedroom light.**
- **Ok Google, set bedroom light to 50 percent.**
- **Ok Google, brighten bedroom light.**
- **Ok Google, dim bedroom light.**
- **Ok Google, set bedroom light to red.**

DISPOSAL AND RECYCLING INFORMATION



The crossed-out wheeled-bin symbol on your product, battery, literature or packaging reminds you that all electronic products and batteries must be taken to separate waste collection points

at the end of their working lives; they must not be disposed of in the normal waste stream with household garbage. It is the responsibility of the user to dispose of the equipment using a

designated collection point or service for separate recycling of electrical and electronic equipment waste (WEEE) and batteries according to local laws. Proper collection and recycling of your

equipment helps ensure EEE waste is recycled in a manner that conserves valuable materials and protects human health and the environment. Improper handling, accidental breakage,

damage, and/or improper recycling at the end of its life may be harmful for health and environment.

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