# USER MANUAL

Technical Parameters
Model number|: WIFI-RF24-03
Products name: Tuya Wifi RF24-keys RGB controller

**Product Description:**
RF 24-keys Wifi RGB controller is a intelligent LED controller which is compatible with mobile phone control, voice control and RF remote control. It use Tuya wifi solution technology to ensure device's stability in LAN control and remote control. Main function are 16 million colors adjustment, dynamic modes, brightness adjustment, speed adjustment, DIY modes, Timing function, Music control etc.

**Controller:**
Working temperature: -20-60℃
Input voltage: DC 5V~24V
Output: 3 channels

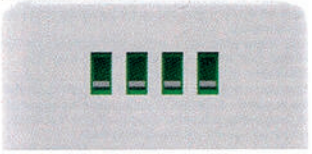
Max output current: ≤6A*3CH
Controller size: L85×W45xH23mm
Net weight: 98g(set)
Gross weight: 68g(set)
Static power consumption: <1W
Output power: 5V:≤90W, 12V:≤216W, 24V:≤432W
Connection mode: Common anode

**Remote control:**
Working voltage: 3V,2*AAA batteries
External dimension: L119mm*W43*H8mm:
Remote control distance: 10-15m

**Remote control instruction:**

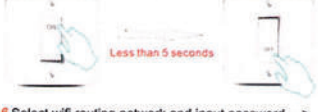
**Connection description**
Power input interface: Adopt the DC power seat and the plug seat with screw

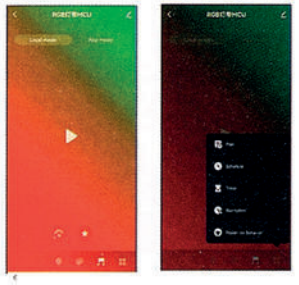
Load output interface: Used to plug with screw as load output interface



**●Control methods:**
1.Connect the load line firstly, then connect the power line; make sure all lines no short circuit before power on.
2.When it's ON state,press the corresponding key on the remote control to output the corresponding effect.
3. Code matching and clearing of controller:
Code matching: long press the on key within 5 seconds after the controller is powered on, and the light bar flashes slowly for 3 times.
Code clearing: long press the off key within 5 seconds after the controller is powered on, and the light bar flashes 3 times.
4.Before use, need to install wifi control software App ("Tuya Smart") on themobile ,Thereare two kinds of installation method as follows:
Please scan the QR code below to download the software APP:
In the Google Play Store (android system) or the App Store (apple system) to search "Tuya Smart" to download and install app.
5.After app installation is complete, open the phone wifi function and connect the router.

Open the control software APP-"Tuya Smart"on the phone:If you don't have an account, please click "Register" to register an account first; if you already have an account, you can use the existing account to log in directly.
After registration, log in and enter the homepage "My Home", and wait for the WIFI device to enter the distribution network status:
**Operation method:** ①Power off the WIFI controller in the power-on state first, and then start the operation in three steps: power-on - power-off (the first time), power-on - power-off (the second time), power-on - power-off (the third time). After the third time of operation, do not power off, and the light will flash to enter the matching mesh state at this time;
**Note:** power off for the 1-2 times of operation needs to be cut off within 5 seconds after power on)
②Remote shutdown. Press and hold the Night light button for 10 seconds in the shutdown state, and the light will flash quickly and enter the distribution network state.




6.Select wifi routing network and input password ---> click "next"---> click "is fast blinking (0.5s/time)"--->, app will remind " Device add successfully" , the output light will stop fast blinking at the same time. now you can customize the naming settings for the controller, and the controller can be assigned to 6 places such as: living room, master bedroom and so on.

7.After adding devices, enter the light control interface, there are of White light dimming Color temperature value.
Scene mode:You can set and edit the scene respectively.
Music: When your phone are playing some music, the ourput light will dance with music,change different modes.
Schedule: Can set the ON/OFF status of the light according to the actual required timing.
**Note:** After setting the time, the APP on the mobile phone exits or disconnects the wifi, the schedule also works.
Voice assistant service: This controller is compatible with Alexa, Google home and other intelligent voice devices, it can control the lights by connecting smart voice devices. For detailed connection methods and instructions, please follow the corresponding device instructions.