

TECHNICAL SPECIFICATION

ONE CHANEL CONSTANT VOLTAGE LED DIMMING RECEIVER

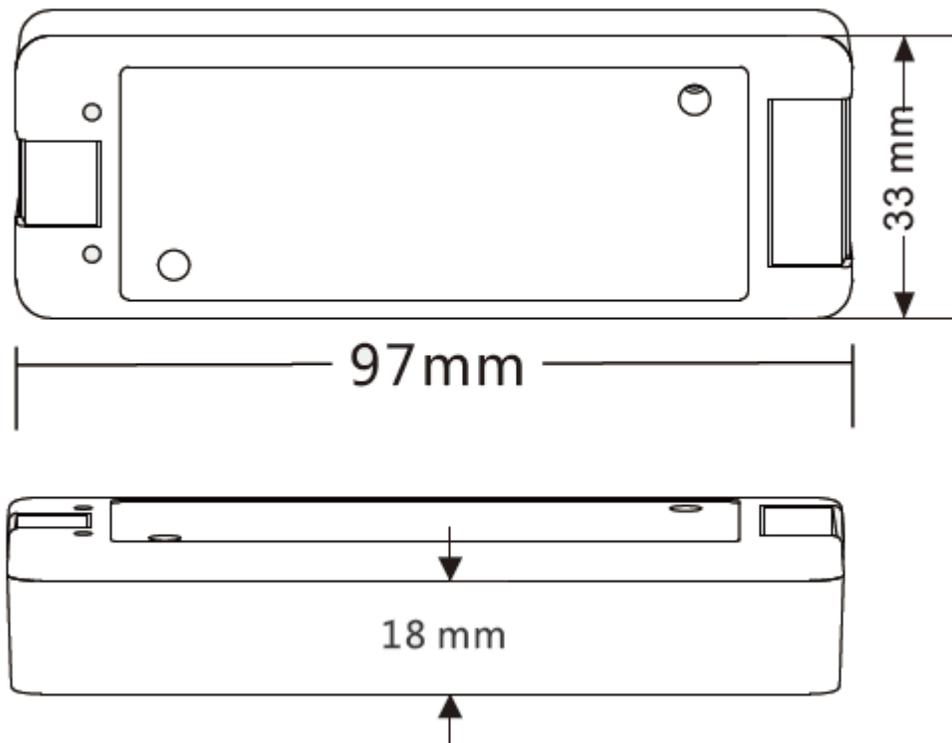


- The product match with dimming remoter, realize functions of switch and dimming.
- Adopt 2.4GHz wireless technology, can accept up to 10 remoter control.
- PWM achieve 4096 levels flicker-less dimming.
- Can be Wi-Fi controlled by APP installed on IOS or Android mobile devices while working with Wi-Fi-Relay controller.
- Can connect with external switches to achieve on/off and dimming function.
- Work with power repeater to expand output unlimitedly.

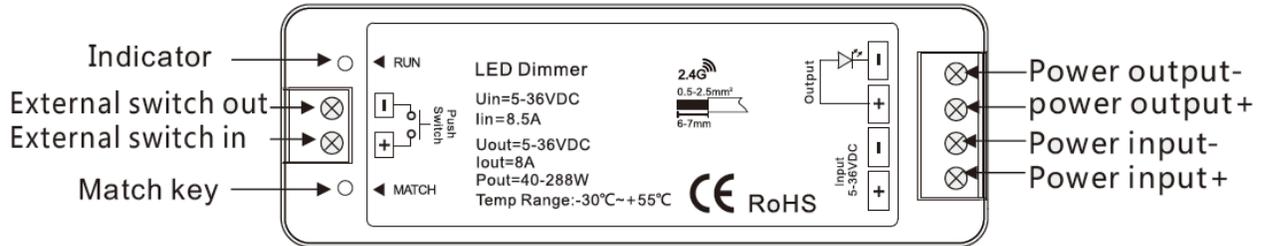
Technical data:

Input voltage:	5-36VDC
Output type:	PWM constant voltage
Output current:	1CH, 8A
Output power:	40-288W <ul style="list-style-type: none">▪ 5V lamp, Input 5V power supply, can load 0~40W▪ 12V lamp, Input 12V power supply, can load 0~96W▪ 24V lamp, Input 24V power supply, can load 0~192W▪ 36V lamp, Input 36V power supply, can load 0~288W
Grey levels:	4096
Dimming range:	0-100%
Remote distance:	30m
Working temperature:	-30°C~55°C
Product size:	L97×W33×H18mm
Net weight:	43g
Catalogue number:	99RECEIVER1

Dimensions:



Interface Specification:



Match key function:

Short press: Within 5s, press any key of the remoter for match, multi-zone remoter press zone key.

Long press (5s): Delete all matched remoter, lights remain in the current state.

Long press (10s): Restore factory default parameters.

External switch key function

Short press: Turn on/off light.

Long press (1-5s): When light is on, adjust brightness.

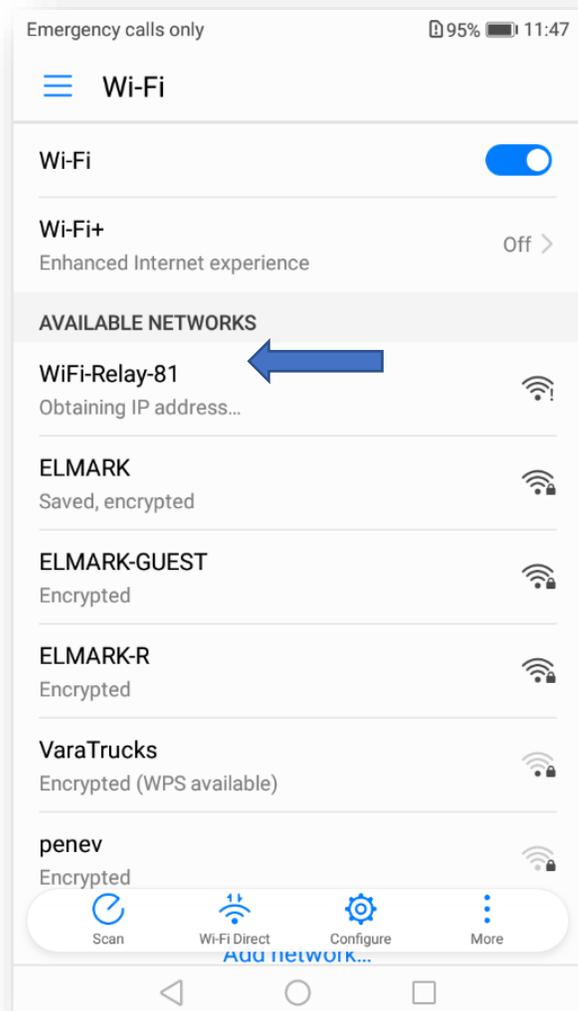
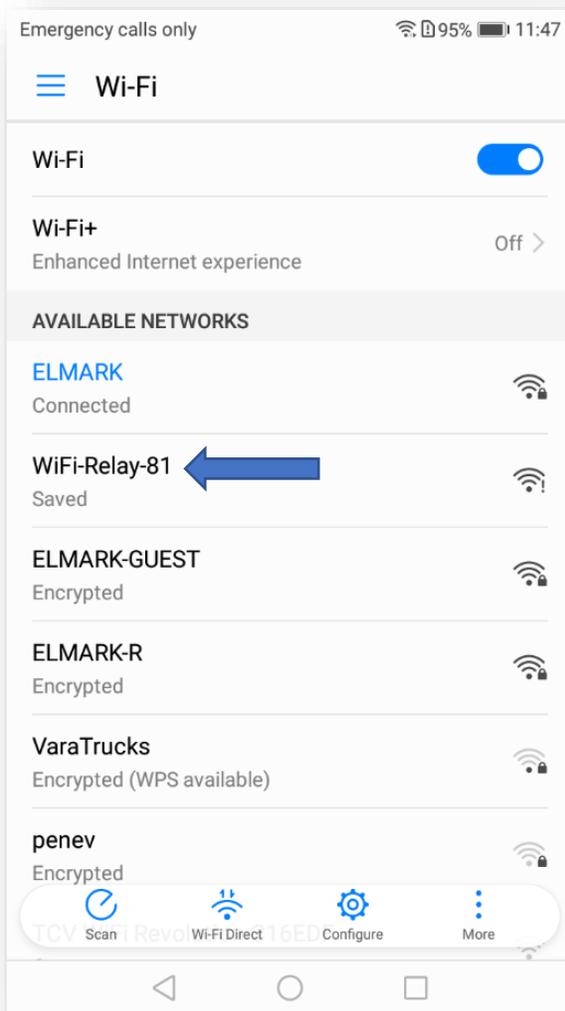
Long press (10s): When multiple controllers share a on/off key, achieve simultaneous adjustment.

➤ How to connect ONE CHANNEL DIMMING RECEIVER with Wi-Fi devices

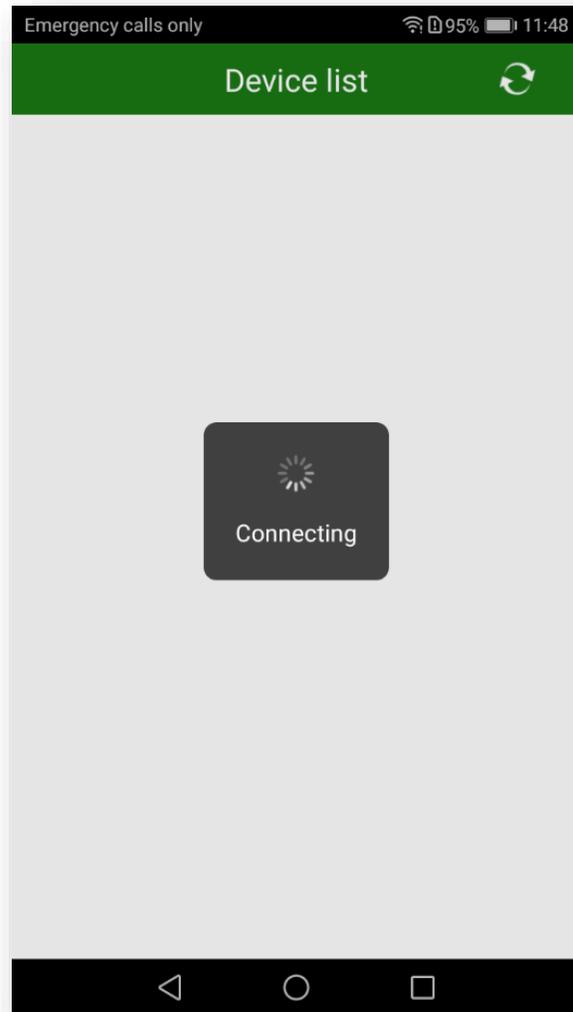
The **ONE CHANNEL DIMMING RECEIVER** can work by installed iOS or Android application, via a Wi-Fi relay controller.

How to:

1. Turn on Wi-Fi relay controller.
2. Connecting the Wi-Fi controller to **your** network.



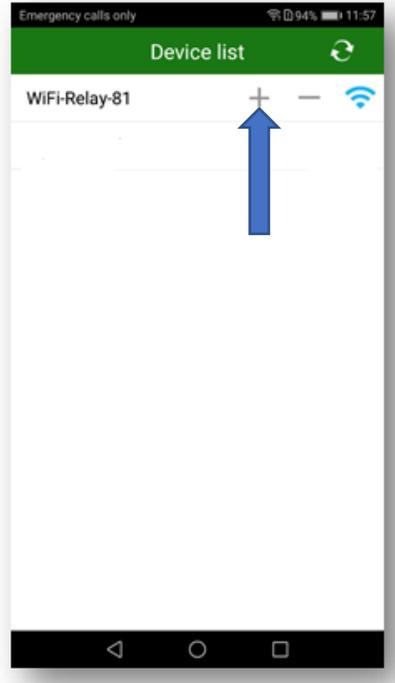
3. Start the “Skydance” app (should be already installed).



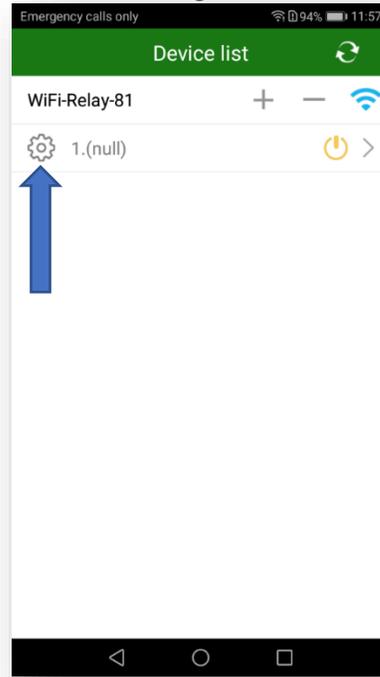
4. Connecting the Wi-Fi relay controller with the **ONE CHANEL DIMMING RECEIVER.**

4.1. Select the type of device we will command

» Add a device



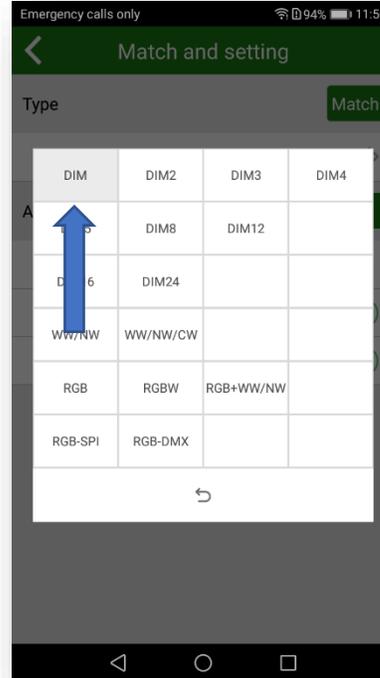
» Settings



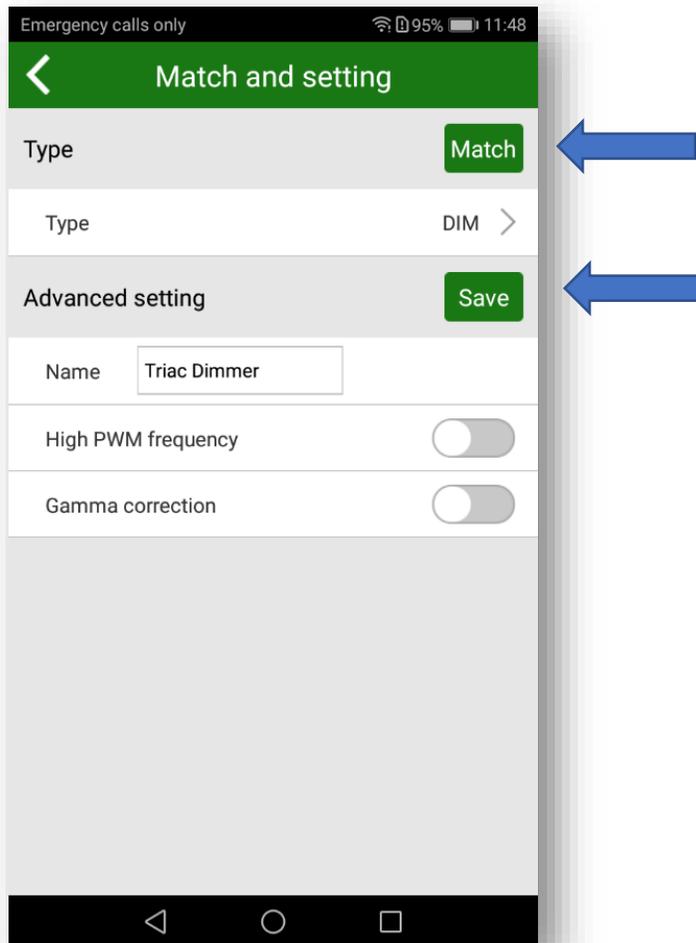
» Drop-down list



» Select



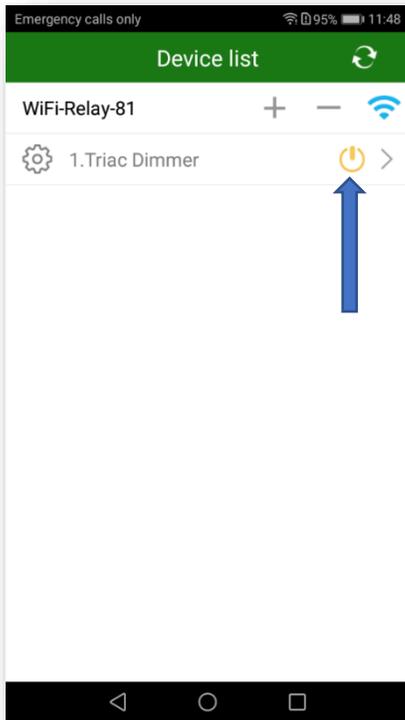
5. To connected Turn on/ Turn off/ Turn on and press "Match" on your phone.
Press „Save” for finalizing the settings.



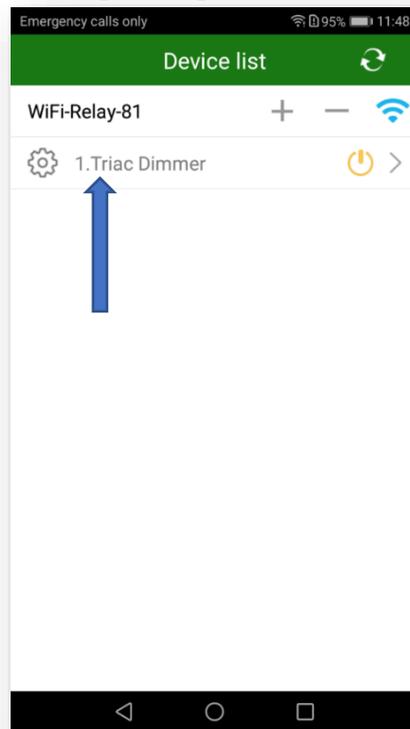
6. Your device is now connected.

FUNCTIONS:

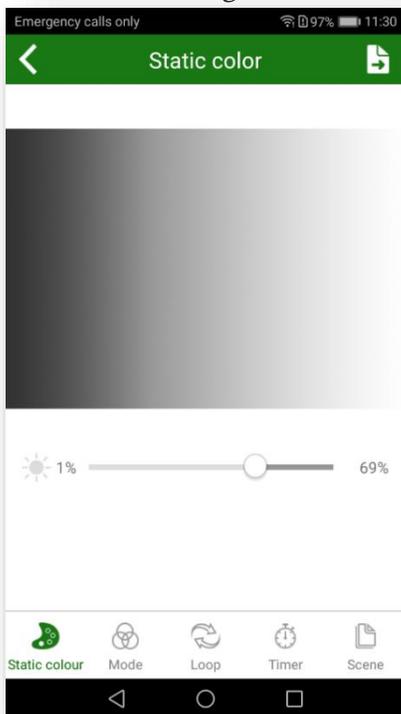
» ON/OFF



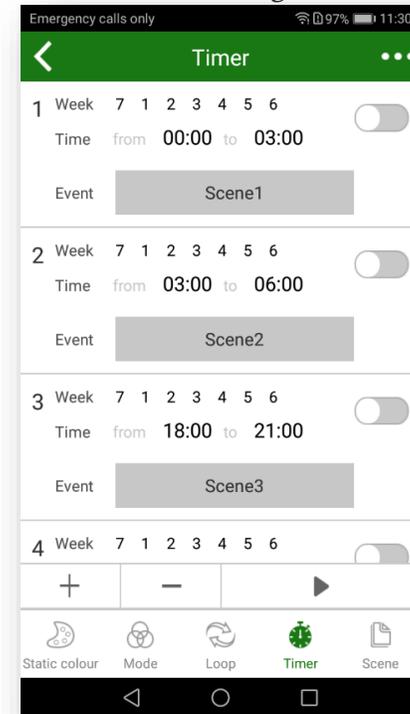
» Open the product menu



» Dimming from 0-100%



» Timer's settings



» Select predefined scene



Wiring diagram:

