

WiFi & RF 2CH LED Controller

Model No./Homcloud Code: SK-WT1

Homcloud APP cloud control/Voice control/2 Channels/Push-Dim/DC power socket input/Wireless remote control



FC CE RoHS LVD RED

Features

- Used for control single color or color temperature LED strip.
- DC power socket input and 2 channel constant voltage output.
- Homcloud/Smart Life APP cloud control, support on/off, color temperature and brightness adjust, delay turn on/off light, timer run, scene edit and music play function.
- Voice control, support Amazon&Google Speaker
- Match with RF 2.4G remote control optional.
- User need set light type by press key before Homcloud/Smart Life APP network connection and match RF remote of the same light type.
- Each controller can also work as WiFi+RF converter, then use Homcloud/Smart Life APP to control one or more RF LED controller or RF LED dimming driver synchronously.
- Connect with external push switch to achieve on/off and 0-100% dimming function.
- Light on/off fade time 3s selectable.

Technical Parameters

Input and Output	
Input voltage	12-36VDC
Input current	10.5A
Output voltage	2 x (12-36)VDC
Output current	2CH,5A/CH
Output power	2 x (60-180)W
Output type	Constant voltage

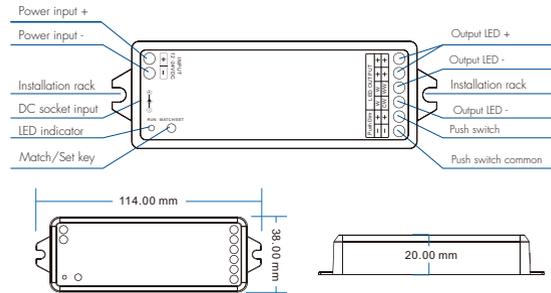
Dimming data	
Input signal	Homcloud APP + RF + Push Dim
Control distance	30m[Barrier-free space]
Dimming gray scale	4096 (2^12) levels
Dimming range	0-100%
Dimming curve	Logarithmic
PWM Frequency	2000Hz (default)

Safety and EMC	
EMC standard (EMC)	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4
Safety standard(VDI)	EN 62368-1:2020+A11:2020
Radio Equipment(REDE)	ETSI EN 300 328 V2.2.2
Certification	CE,EMC,VD,RED

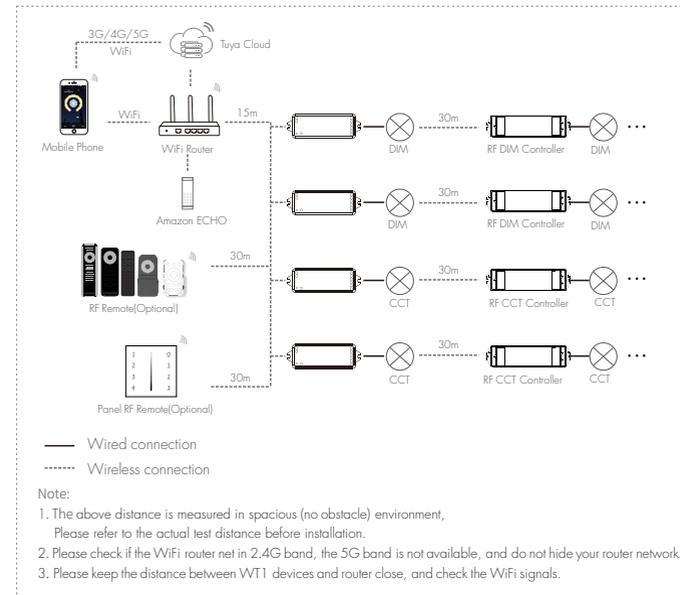
Environment	
Operation temperature	Ta: -30°C ~ +55°C
Case temperature (Max.)	Tc: +85°C
IP rating	IP20

Emissions and Protections	
Max Transmitting power	<20dBm
Protection	Reverse polarity Over-heat Short circuit

Mechanical Structures and Installations



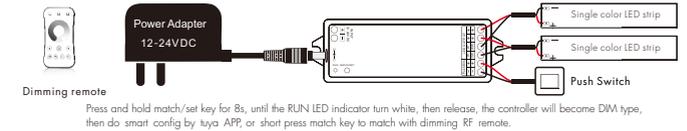
System wiring



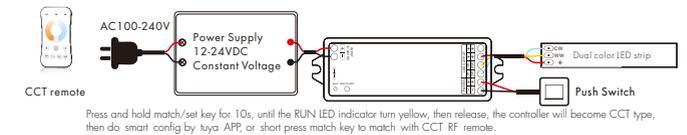
Wiring diagram

Caution: Please carefully ensure all wire connections and polarities are correct and secure before applying power, otherwise this controller will be damaged.

- Please contact a professional technician to install the product according to drawings and instructions.
- Keep out of the reach of childrens and away from water, dumpo or a wet environment.
- Check the ratings given in the instructions and on the product to make sure it is suitable for your application.
- Installer must be a trained experienced service technician or electrician.
- Do not disassemble open or repair the product.



• For dual color CCT



- Note:
1. User can connect constant voltage power supply or power adapter as power input.
 2. Switch off the power, then switch on power, repeat again. Immediately short press match key 3 times, the light on/off time will change between 3s and 0.5s.
 3. For CCT light, continuous power off and on will change 3 levels color temperature (WW, NW and CW) in sequence.

Push Dim

Light Type	Action	Result
DIM Single color	Click	ON/OFF
	Double Click	Turn on at 100% or 10%(night light) and vice-versa
	Long press(> 1s) from OFF	Dimming UP/DOWN
	Long press(> 1s) from ON	Dimming UP/DOWN
CCT Dual Color	Click	ON/OFF
	Double Click	Turn on at 100% or 10%(night light) and vice-versa
	Long press(> 1s) from OFF	Color temperature UP/DOWN (turn off and turn on to return dimming)
	Long press(> 1s) from ON	Dimming UP/DOWN

Homcloud App Download and registration

Download Homcloud App from App Store or Google Play and register a new Account.

Important: our App only supports 2.4ghz WiFi networks IEEE 802.11 b/g/n

Homcloud APP Network connection and operation

CONFIGURATION:

IMPORTANT: Before configuration on App, user need set light type by press key and match RF remote of the same light type.

(If you haven't done it yet follow instructions on "wiring diagram")

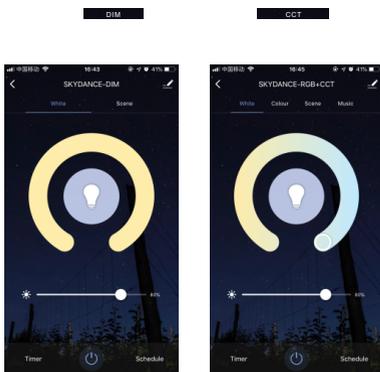
1) Press and hold Match/Set key for 2s, or push twice Match/Set key fastly until the blue LED indicator flash fastly. (EZ Mode)

1b) if point 1 fails, use AP Mode: Press and hold Match/Set key for 5s: Clear previous network connection, enter AP config mode, the blue LED indicator flash slowly. (AP Mode)

2) Open the Homcloud App and press "Add Device" or "+" in the upper right corner to add the device and select the correct device to start the pairing process.

3) Follow the instructions on the App, giving all the confirmations needed.

4) Choose Name and house position if you wish, then start using the device.



DIM

CCT

DIM:

Touch brightness slide to adjust brightness.

CCT:

Touch color wheel to adjust color temperature. Touch brightness slide to adjust brightness.

Homcloud Controller match remote control (Optional)

End user can choose the suitable match/delete ways. Two options are offered for selection:

Use the controller's Match key

Match:

Short press match key of controller, immediately press on/off key (single zone remote) or zone key (multiple zone remote) on the remote. The LED indicator fast flash a few times means match is successful.

Delete:

Press and hold match key of controller for 1.5s to delete all match, The LED indicator fast flash a few times means all matched remotes were deleted.

Use Power Restart

Match:

Switch off the power of controller, then switch on power, repeat again. Immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 3 times on the remote. The light blinks 3 times means match is successful.

Delete:

Switch off the power of controller, then switch on power, repeat again. Immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 5 times on the remote. The light blinks 5 times means all matched remotes were deleted.

Homcloud Controller work as WiFi-RF converter to match RF LED controller or dimming driver

End user can choose the suitable match/delete ways. Two options are offered for selection:

Use the controller's Match key

Match:

Short press match key of the controller, immediately press on/off key on the Homcloud/Smart Life APP. The LED indicator fast flash a few times means match is successful.

Delete:

Press and hold match key of the controller for 5s, The LED indicator fast flash a few times means match was deleted.

Use Power Restart

Match:

Switch off the power of the controller, then switch on power, repeat again. Immediately short press on/off key 3 times on the Homcloud/Smart Life APP. The light blinks 3 times means match is successful.

Delete:

Switch off the power of the controller, then switch on power, repeat again. Immediately short press on/off key 5 times on the Homcloud/Smart Life APP. The light blinks 5 times means match was deleted.

Integration with Alexa and Google

Download and install Google Home or Amazon Alexa App and control your devices with your voice, with smart speakers or directly with your smartphone.

IMPORTANT: if you want to link the homcloud App to Google Home or to the Amazon Alexa App, you need to select ***SMART LIFE*** App between the list of Google Home Partners or Amazon Alexa Skills.

After that passage the user will be automatically directed to the Homcloud App. There is **NO NEED** to download the Smart Life App, only the Homcloud App is needed.

Declaration of Conformity

Hereby, Life365 Italy S.p.A. declares that this wireless device complies with the essential requirements and other related provisions of Directive 2014/53 / EU of the European Parliament and of the Council. The declaration can be consulted on the website www.homcloud.com/doc.

"Homcloud" is a registered trademark of Life365 Italy S.p.A.

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Environmental information

This product may contain substances that can be harmful to the environment and human health if it is not disposed of properly. We therefore provide you with the following information to avoid the release of these substances and to improve the use of natural resources. Electric and electronic equipment must not be disposed of with normal urban waste but must be sent to separate collection for their correct treatment. The crossed-out bid symbol, affixed to the product and on this page reminds you of the need to dispose, reminds the product to end of his life. In this way it is possible to avoid that a non-specific treatment of the substances contained in these products, or an improper use of parts of them, can lead to harmful consequences for the environment and human health. It also contributes to the recovery, recycling and reuse of many of the materials contained in these products. For this purpose, the manufacturers and distributors of electrical and electronic equipment organize appropriate collection and disposal systems for the equipment. At the end of the product's life, turn to your appliance for information on how to collect. When purchasing this product, your device will also inform you of the possibility of returning a device for free at the end of its life provided that it is of an equivalent type and performs the same functions as the purchased product or, if the dimensions are not greater than 25 cm, the EEE can be returned without the obligation to purchase the equivalent product. Disposal of the product in a different way from what is described above will be subject to the penalties provided for by the national legislation in force in the country where it is disposed of. We also recommend that you take other measures favorable to the environment: recycle the internal and external packaging with which the product is supplied and properly dispose of used batteries (only if contained in the product). With the help it is possible to reduce the amount of natural resources used for the construction of electrical and electronic equipment, to minimize the use of discharged resources for the disposal of products and to improve the quality of life by avoiding substances that reduce the environment.

CUSTOMER SERVICE

If you need help scan the QR code below and message us on WhatsApp.

