CAME-TV

RGBWW Tube Light
User Manual

V2.2

RGBWW Tube Light

Model	Power	Length	Built-in battery capacity	Charging voltage/ current	Charging time	100% power usage time
4FT-R	40W*5	4FT (121cm)	14.8V 7000mAh 103.6Wh	18-24V/2A	3h	about 2.5 h

Power supply

This product has a built-in battery and can work without an adapter. If the built-in battery is insufficient, you can also use the adapter to connect to the DC 24V interface or the D-tap 14.8V interface to power the light. Regardless of the power supply method, the light will simultaneously charge the built-in battery while it is working.

Note: 1) The USB-C interface is only used to upgrade the software and cannot be powered! 2) After charging, if the battery symbol on the display is still on, please press and hold the power button to turn off the light.

Installation method

There are multiple 1/4" screw holes on the light body for easy installation. At the same time, there are magnets at both ends of the back of the light, which can be directly attached to metals such as iron without installation. If the surface of the object is smooth, you can use the provided large suction Magnet, screw it to the 1/4" interface first, and it can be attracted to the object.

Barndoor

If you don't need the Barndoor for use, you can also

unscrew it to remove it.

Function button

ON/OFF:

Long press to power on and off, short press to sleep. The display and WIFI are still working during sleep, which will consume power. If you don't use it, please make sure to press and hold to turn it off to avoid power loss.

MENU, -, +, SET :

This function cannot be operated in sleep state. You need to wake up the light first, then press the MENU button to switch to the function interface you need, and then use the button "-" and button "+" to change the value. If there are multiple lines of setting options, you can first use the "SET" button to switch between different function lines, and then use the button "-" and button "+" to change the value.

RGBDT:

This button is used to quickly switch between red, green, blue, 5600K, 3200K. Then use the button "SET" and the buttons "-", "+" to fine-tune.

WIFI:

There are two WIFI modes: AP mode and routing mode.

The default is AP mode, in this mode the light will send out WIFI signal. There is no need to press the "WIFI" button, because if you press the button it will switch to routing mode.

If you want to clear the routing mode and change back to AP mode, you need to press and hold the "WIFI" button for more than 10 seconds until the screen displays AP mode. Or within 30 seconds after pressing the "WIFI" button, the routing mode will automatically change to AP mode if there is no operation.

*For the installation and use of the APP, as well as the pairing and use of the remote control, please refer to P17-P20 in the manual.

Group joint control

Press the "MENU" button to go to the "CHANNEL ID" page, when the CHANNEL IDs of multiple lamps are the same and the "JOIN CHAN" option is "YES", if one lamp changes the setting, the other lamps will also change at the same time.

(CAME-TV BOLTZEN series products with the same color temperature can realize joint control, regardless of the model. However, the lights between different color temperatures will be wrong, so do not use the same ID)

Parameters and ranges

DIMMER: Brightness adjustment from 0% to 100 %
HSI: Color from 0° to 359°
Frequency: Blink frequency, OFF, 1Hz to 10Hz
KELVIN: 2000K to 10000K
RGN: red and green color correction, 0 to 100

Function Buttons

Note: The buttons may be different for different product models

″CCT" Button

This is a shortcut button used to adjust the color temperature mode of the RGBDT models lights. Press once the color temperature is 5600K, and press it again to change the color temperature to 3200K.

1) The brightness can be adjusted by rotating the **"DIMMER"** knob, and the specific color temperature value can be adjusted by rotating the **"COLOR/HSI"** knob.

Boltzen LED Commander

Pairing method

You can choose one of the following three remote control methods according to your actual situation:

1. Set the "CHANNEL ID" of the remote control to 0, even if the CHANNEL IDs on multiple lights in the remote control range are different, all the lights in the range can be controlled at the same time.
2. Set the CHANNEL ID on the remote control to be the same as the CHANNEL ID of the light, then the remote control can control the light directly. The values of No.01 to No.08 on the light correspond to the remote control 001 to 008 respectively.
3. The CHANNEL IDs of the remote control and the light are different and both not 0. The pairing method between them is as follows: first turn off the light and then turn it on (restart), and Then select a button from 001 to 008 on the remote control and press it 4 times in a row. If the light is off at this time, it means that the pairing is successful. Then you long press

the button you just selected, after the light is on, you can control the light.

Function Buttons

HSI/KELVIN: Rotate the knob to change different color; press to change different functions on the LCD screen.

DIMMER: Adjust brightness

SHIFT: Switch to different functions (RGB,DIMMER,CCT). Four buttons after SHIFT" are used to change different parameters accordingly.

MENU: Remote controller standby setting(10-60 seconds).

ID: Use to set remote channel ID. Press button "HSI/KELVIN" to locate channel ID and then rotate this button to change different IDs.

SPEED-: Slow down the different scene speed SCENE: Go to scene setting

SPEED+: Speed up the different scenes speed

001-008(correspond to the small square in the upper right of the LCD screen. Solid means ticked, otherwise not): use to pair the light, refer to the pair method. Long press can control light turn on/off; short press control tick or not. Only light is ticked, the functional button works.

ALL: Long press to turn on all lights ticked; short press to turn on/off remote controller.

USB: Use to upgrade the remote, can not be used as the charger

Points to note in operation

1. It is best to separate and control the lights with different color temperatures in groups. Don't put lights with different color temperatures in the same group, otherwise it may make mistakes.
2. If you want to control lights with different color temperatures, first press the SHIFT button on the remote control to switch to the type corresponding to the color temperature of the light
3. Pay attention to the 8 squares in the upper right corner of the remote control during operation. Only when the squares are solid can it remotely control the corresponding lights. For example: if there is a llight paired in the 003 group, and the square corresponding to 003 becomes hollow, then the light cannot be operated.

Scan & Watch Video

How To Use The APP

Install APP:

You can search for "BOLTZEN LED" through the iOS App Store or Google Play to download, or scan the following QR code to download directly

Android

iOS

Brief Introduction

There are two ways to connect the App to light, and they are all switched by the "WIFI" button on the light body: Press the WIFI button once to enter the STA router mode, and press the WIFI button for 6 seconds to restore the AP mode.

1. STA Mode:

This method requires a router to be connected, and this pairing method does not affect the network usage of the mobile phone.

Steps:

1. Connect the mobile phone to the router WIFI

2. Press the "WIFI" button on the light once to enter the STA mode
3. Open APP—>Settings—>WIFI Settings—>Smart Configuration—>Enter the password of the router—>show "connection successful"
4. Click "Search" on the APP page, and re-tick the circle behind the WIFI name (there will be the WIFI name number on the light), and it will display "Connected successfully"
5. Click "<" in the upper left corner of the APP page to return to the home page.

2. AP Mode(spontaneous signal)

This method does not need to connect to the home router, because the WIFI signal is sent directly from the light. The advantage of this connection method is that it can be used indoors and outdoors, but the disadvantage is that the mobile phone is only used as a remote control, and cannot access the Internet and use data.

Steps:

1. Each light has a WIFI number starting with "BOLTZEN", take a look first
2. The light is in AP mode by default. If the current state of the light changes to STA mode, press and hold the WIFI button to restore to AP mode before proceeding to step 3.
3. Turn on the phone, connect to the WIFI signal starting with "BOLTZEN", wait for about 50 seconds after

connection, until the WIFI connection is successful. (Note: Make sure that the WIFI connection status is in a normal state and you can see the WIFI logo. Because some mobile phones will automatically switch to other networks, so you can't proceed to the next step.)

4. Open the APP, click "Search" on the page, re-tick the circle behind the WIFI name beginning with "BOLTZEN", and display "Connected successfully"

5. Click "<" in the upper left corner of the APP page to return to the home page.

Summary

1. First judge whether the current light is in AP mode or STA mode, and then use the connection mode you want

2. If you encounter a situation where the signal cannot be searched, please turn off the power and restart the light, and wait patiently.

3. Sometimes the APP shows that it is connected, and the LCD screen behind the light is on but the light is not on. This may be because the brightness of the light is set to 0, which can be solved by turning the "DIMMER" knob to adjust the brightness.

Scan the QR code to view the APP operation video

FCC Caution：

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following

measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.