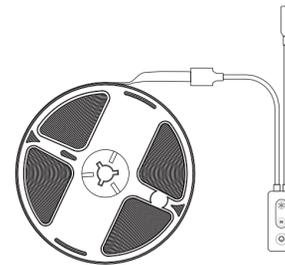


USER MANUAL



Ostrip 2

IN THE BOX

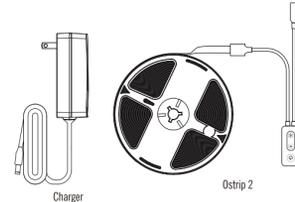


Table 1: Specifications

Features	Parameters
Power	72W
Output Voltage	24V
Main Material	Copper+PI
Input	24V ±3A
Light Source	RGBIC+CW+WW
Working Temperature	0°C-40°C
IP Rating	IP65 (For strip part only, Controller is not included)
Length (Strip)	5 m / 16.4 ft
Length (Cable)	1.5m / 4.92 ft
Maximum Extension Length	Up to 10 meters

Table 2: Charger

Input	100-240V ~1.8A, 50Hz-60Hz
Output	24V ±3A

Figure 20 Whole Control/Segment Control



Figure 21 Music Mode

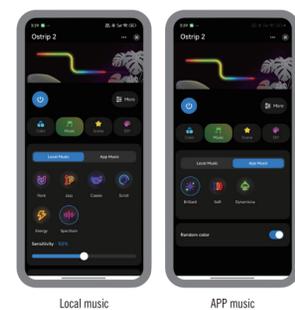


Figure 22 Scene Mode



Figure 23 DIY Mode



Figure 24 More Functions (Choose Timing)



Figure 1: Controller Overview

Figure 2: Initial Power Test

1. Plug the power adapter into the controller and the power outlet. The light strip will turn on.

Figure 3: Surface Prep

2. Do not turn on the power before unfolding the strip.

Figure 4: Mount the Controller

3. Mount the controller to a wall or a surface.

Figure 5: Install the Strip Light

4. Peel off the adhesive backing and stick the strip light to the wall.

Figure 6: Power On/Off

5. Press the power button on the controller to turn the light on or off.

Figure 7: Reset

6. Press and hold the power button for 5 seconds to reset the controller.

Figure 8: Switch Dynamic Effects

7. Press the mode button to switch between different dynamic effects.

Figure 9: Seven-Color Segmented Adjustment

8. Press and hold the mode button to enter the segmented adjustment mode.

Figure 10: Turn on the light & Local Music Mode

9. Double press the mode button to turn on the light and local music mode.

Figure 11: Adjust brightness levels

10. Press the dimmer button to adjust the brightness levels.

Figure 12: Stepless brightness adjustment

11. Press and hold the dimmer button for stepless brightness adjustment.

Figure 13: Tips & Safety

12. Do not puncture or disassemble this product. Do not immerse the strip light or its controller in water. Do not place the product near a source of ignition or throw it into a fire. Do not place the product near the human eye, as this may cause temporary blindness or permanent damage to the retina.

Figure 14: Download and Install the Olight App

13. Download the Olight App from the App Store or Google Play.

Figure 15: Log in to the APP

14. Log in to the app using your email and password.

Figure 16: Connect to Wi-Fi, enable the wireless connection feature on your phone, and add a device.

15. Tap "My Devices" to enter the device management interface.

Figure 17: Enter Pairing Mode

16. Press and hold the mode button for 5 seconds to enter pairing mode.

Figure 18: Device added successfully

17. The device is added successfully to the app.

Figure 19: Color Adjustment

18. Adjust the color of the light strip using the color wheel.

Figure 20: Whole Control/Segment Control

1. Specifications, see Table 1 and Table 2 for details.

2. Controller Overview, see Figure 1 for visual reference.

3. Step-by-Step Instructions

3.1 Initial Power Test, follow steps in Figure 2.

3.2 Surface Prep, see Figure 3 to clean the wall area.

3.3 Mount the Controller, see Figure 4.

3.4 Install the Strip Light, see Figure 5.

3.5 Power On/Off, see Figure 6.

3.6 Reset, see Figure 7.

3.7 Switch Dynamic Effects, see Figure 8.

3.8 Seven-Color Segmented Adjustment, see Figure 9.

3.9 Turn on the light & Local Music Mode, see Figure 10.

3.10 Adjust brightness levels, see Figure 11.

3.11 Stepless brightness adjustment, see Figure 12.

3.12 Tips & Safety, review Figure 13 before use.

3.13 Download and install the APP, see Figure 14.

3.14 Log in to the APP, see Figure 15.

3.15 Connect to Wi-Fi, enable the wireless connection feature on your phone, and add a device, see Figure 16.

3.16 Enter Pairing Mode, see Figure 17.

3.17 Device added successfully, see Figure 18.

3.18 Color Adjustment, see Figure 19.

How to change colors:

- Color Wheel: Tap "Add Color" → Pick a color → Save to "My Colors."
- Sliding Scale: Drag the color bar to fine-tune shades.

3.19 Whole Control/Segment Control (See Figure 20)

- Whole Control: One color for all RGB LEDs.
- Segment Control: Customize each section.

Setting method: Select the section of the strip light for which you want to set the color, and select the color. Set each segment in turn.

Note: Avoid reselecting already-set segments.

3.20 Music Mode, see Figure 21.

- The strip light pulse in sync with the music.

3.21 Scene Mode, see Figure 22.

Choose from preset themes:

- Landscape / Life / Festival / Mood / Scene Library.

3.22 DIY Mode, see Figure 23.

Create custom scenes:

- Tap "Add DIY" → Set Dynamic effect → Choose color → Save.

Figure 21: Music Mode

3.23 More Functions (Choose Timing), see Figure 24.

- Basic Timer: Set on/off times with color/brightness.
- Sleep Mode: Keeps minimal connectivity for remote wake-up.
- Allow APP to remotely wake up or trigger automated tasks (e.g. early morning timer on).
- Wake-Up Prep: When the device is in standby, sleep or low-power mode, the wake-up mode will activate the device (e.g., a few seconds to several seconds in advance) before the timed task is triggered, ensuring that the device enters a responsive state and avoiding task delays or failures due to "deep sleep".

The following are the operation settings:

4.1 How to set the color of strip light?

- Support full or segmented, every 6 groups of lights is one IC, each IC is one segment, maximum support 50 segments.
- Go to the Color section in the app → Segment Settings → Whole Segment Settings → Choose a color.
- Segment section Setting: Customize the color of each segment, create endless DIY effects (such as rainbow, etc.).
- Select the segment of strip light you want to set the color for, and select the color. Set each segment in turn.
- Note: When setting colors for multiple segments, make sure to uncheck the previously selected segments before applying new ones.

4.2 How to set the strip light length?

- Tap "More" to enter "More Functions", then select "Strip Length". Adjust according to the length of the strip light you have cut or extended, and tap Confirm to save the setting.
- Note: The lighting effects may vary depending on the strip length. However, due to the control module design, the brightness of the white LEDs will remain at full output regardless of the strip length.

4.3 How to realize the unified control of multiple strip lights?

- Add all the strip lights to the device in APP after adding successfully, first test whether APP can control each strip light, click on the on/off button of each strip light in APP to test.
- If APP can't control each strip lights individually, that means it's not set up properly when connecting to the network, reopen the operation to connect to the network.
- Select any strip lights—Enter the Ostrip 2 interface—Click the three dots on the top right corner of the interface—Create group—Put all the devices into the group—Confirm and save—Create the group to work.

4.4 Timers

- Go to the Schedule interface → set the action (On/Off). You can also set the light color, brightness, and cycle.

Troubleshooting:

5.1 Strip light not working/faulty

- Turn the strip light off and then on. Ensure that the adapter and controller are energized.
- Restore the strip light to factory settings, reconnect to the network.

5.2 How to restore the strip light to its factory settings, i.e. pending network status?

- Switch/plug the power supply 5 times until the strip light flashes green.
- Press and hold the on/off button on the controller for 5s until the strip light flashes green.

Figure 22: Scene Mode

5.3 Some LEDs blink and some do not.

- In the color screen, select "All Segments" to apply foam of any color, check if DRY or scene mode is enabled.
- Check if the row pins are firmly connected.
- Unplug the adapter connector. Wait 5 seconds, then re-insert.

5.4 No response when APP controls the strip light.

- The strip light blinks green to indicate that it has not been successfully connected to the Internet. You need to connect the device to the internet in APP to control it.
- If the light does not flash green, but only lights up steadily, it means the strip light has successfully connected to the Internet. You need to check whether the Bluetooth of your cell phone is on, whether the WiFi connection is normal, and whether the network is disconnected.
- If you try all the above and it still doesn't work, you can turn off the power adapter and restart the strip light.

5.5 Some of the strip lights do not light up.

- Ensure that the complete and accurate length of the strip light is set in the APP.
- Apply any color in "Color Mode", check if "DIY" or "Scene Mode" is enabled.
- Check that the power plug and row of pins are firmly connected.

5.6 Unable to connect to WiFi.

- Do not skip the Wi-Fi connection steps on this page.
- Use 2.4GHz only (no 5GHz).
- Ensure correct Wi-Fi credentials.
- Keep phone within 1m (3.28ft) during setup.

Figure 23: DIY Mode

Figure 24: More Functions (Choose Timing)

FCC Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body.

WEEE Disposal and Recycling Information

All products bearing this symbol are waste electrical and electronic equipment (WEEE as in directive 2012/19/EU) which should not be mixed with unsorted household waste. Instead, to protect human health and the environment, you should dispose of your waste equipment at a designated collection point for the recycling of WEEE, appointed by the government or local authorities. Proper disposal and recycling will help prevent potential negative consequences to the environment and human health. Please contact the controller or local authorities for more information about the location as well as terms and conditions of such collection points.

WARRANTY

We are proud to offer a lifetime warranty in Australia, China, France, Germany, and the USA. We are also working hard to expand coverage to more countries, where we provide a 2 or 5-year warranty. The warranty covers defects in material and workmanship under normal use, excluding loss, theft, deliberate damage, or cosmetic damage. For complete warranty information, please visit Olight.com or your local Olight official website.

Australia Customer Support
cs.au@olight.com

Austria Customer Support
cs.at@olight.com

Canada Customer Support
cs.ca@olight.com

China Customer Support
Wechat: olightcs

France Customer Support
cs.fr@olight.com

Germany Customer Support
cs.de@olight.com

Italy Customer Support
cs.it@olight.com

Japan Customer Support
cs.jp@olight.com

Korea Customer Support
cs.kr@olight.com

Spain Customer Support
cs.es@olight.com

Thailand Customer Support
cs.th@olight.com

UK Customer Support
cs.uk@olight.com

USA Customer Support
cs.us@olight.com

For other countries and regions, please contact Global Customer Support contact@olight.com

USA Customer Support
cs.us@olight.com

For other countries and regions, please contact Global Customer Support contact@olight.com

Made in China

Figure 24: More Functions (Choose Timing)

How to operate:

- Specifications, see Table 1 and Table 2 for details.
- Controller Overview, see Figure 1 for visual reference.
- Step-by-Step Instructions
- Initial Power Test, follow steps in Figure 2.
- Surface Prep, see Figure 3 to clean the wall area.
- Mount the Controller, see Figure 4.
- Install the Strip Light, see Figure 5.
- Power On/Off, see Figure 6.
- Reset, see Figure 7.
- Switch Dynamic Effects, see Figure 8.
- Seven-Color Segmented Adjustment, see Figure 9.
- Turn on the light & Local Music Mode, see Figure 10.
- Adjust brightness levels, see Figure 11.
- Stepless brightness adjustment, see Figure 12.
- Tips & Safety, review Figure 13 before use.
- Download and install the APP, see Figure 14.
- Log in to the APP, see Figure 15.
- Connect to Wi-Fi, enable the wireless connection feature on your phone, and add a device, see Figure 16.
- Enter Pairing Mode, see Figure 17.
- Device added successfully, see Figure 18.
- Color Adjustment, see Figure 19.

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Note: Avoid reselecting already-set segments.

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- The strip light pulse in sync with the music.

3.21 Scene Mode, see Figure 22.

Choose from preset themes:

- Landscape / Life / Festival / Mood / Scene Library.

3.22 DIY Mode, see Figure 23.

Create custom scenes:

- Tap "Add DIY" → Set Dynamic effect → Choose color → Save.

Figure 25: Color Adjustment

White light

Colored light
16 million colors

Color Wheel

Figure 26: Color Wheel

Figure 27: Color Wheel

Figure 28: Color Wheel

Figure 29: Color Wheel

Figure 30: Color Wheel

Figure 31: Color Wheel

Figure 32: Color Wheel

Figure 33: Color Wheel

Figure 34: Color Wheel

Figure 35: Color Wheel

Figure 36: Color Wheel

Figure 37: Color Wheel

Figure 38: Color Wheel

Figure 39: Color Wheel

Figure 40: Color Wheel

Figure 41: Color Wheel

Figure 42: Color Wheel

Figure 43: Color Wheel

Figure 44: Color Wheel

Figure 45: Color Wheel

Figure 46: Color Wheel

Figure 47: Color Wheel

Figure 48: Color Wheel

Figure 49: Color Wheel

Figure 50: Color Wheel

Figure 51: Color Wheel

Figure 52: Color Wheel

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Figure 54: Color Wheel

Figure 55: Color Wheel

Figure 56: Color Wheel

Figure 57: Color Wheel

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Figure 60: Color Wheel

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Figure 63: Color Wheel

Figure 64: Color Wheel

Figure 65: Color Wheel

Figure 66: Color Wheel

Figure 67: Color Wheel

Figure 68: Color Wheel

Figure 69: Color Wheel

Figure 70: Color Wheel

Figure 71: Color Wheel

Figure 72: Color Wheel

Figure 73: Color Wheel

Figure 74: Color Wheel

Figure 75: Color Wheel

Figure 76: Color Wheel

Figure 77: Color Wheel

Figure 78: Color Wheel

Figure 79: Color Wheel

Figure 80: Color Wheel

Figure 81: Color Wheel

Figure 82: Color Wheel

Figure 83: Color Wheel

Figure 84: Color Wheel

Figure 85: Color Wheel

Figure 86: Color Wheel

Figure 87: Color Wheel

Figure 88: Color Wheel

Figure 89: Color Wheel

Figure 90: Color Wheel

Figure 91: Color Wheel

Figure 92: Color Wheel

Figure 93: Color Wheel

Figure 94: Color Wheel

Figure 95: Color Wheel

Figure 96: Color Wheel

Figure 97: Color Wheel

Figure 98: Color Wheel

Figure 99: Color Wheel

Figure 100: Color Wheel

Figure 30: Color Wheel

Figure 31: Color Wheel

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Figure 36: Color Wheel

Figure 37: Color Wheel

Figure 38: Color Wheel

Figure 39: Color Wheel

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Figure 43: Color Wheel

Figure 44: Color Wheel

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Figure 47: Color Wheel

Figure 48: Color Wheel

Figure 49: Color Wheel

Figure 50: Color Wheel

Figure 51: Color Wheel

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Figure 55: Color Wheel

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Figure 79: Color Wheel

Figure 80: Color Wheel

Figure 81: Color Wheel

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Figure 85: Color Wheel

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Figure 96: Color Wheel

Figure 97: Color Wheel

Figure 98: Color Wheel

Figure 99: Color Wheel

Figure 100: Color Wheel

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