CL36RGBV3 说明书

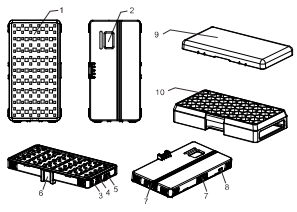
材质: 100g 书纸单色单面印刷　尺寸：623 X 220 mm

MINI portable LED Light
CL36RGBV3
Instruction Manual

Safety Notice:

In order to prevent any damage to your products or the safety of users, please read the following safety precautions before using and keep the information in this manual, so that all users of this product can access it at any time.

1● Structure of product



1. Light Panel　2. OLED display screen　3. ON/OFF switch button
4. FN dial Wheel　5. BRT Brightness adjustment knob　6. Camera Cold shoe interface　7. 1/4"-20 threaded port　8. Type-C charging port
9. White snap-on Diffuser　10. Honeycomb Grid

2. Feature：

This light is a super slim and mini portable RGB light with plastic shell, adopting the design of sunk mis-touch button.
Under all modes, the brightness is adjustable between 1%-100% subtly. Under CCT mode, color temperature is adjusted in a wide range between 2500K-8500K. Under HSI mode, color gamut is changed between 0-360° , color saturation is adjusted between 1-100. Under EFFECTS mode, there are 49 special lighting effects. Inside the light, there is integrated intelligent temperature control protection system, protecting the light from unexpected high temperature. With Type-C charging port, it supports 5V/2A (max) charging and 5V/2.4A(max) discharging. (Note: The charged device is supposed to support Type-C Sink). It supports connecting with Bluetooth APP which can operate the light on APP.

3. Function and feature:

(1) Switch ON/OFF

At status of OFF, long press the power/Mode switch button for >1.5s, the screen will light up, the light is turned ON.
At the ON status, long press the power/Mode button for > 1.5s , the screen will light up, the light is turned OFF.

(2) Color gamut/ Saturation adjustment

In the startup state, press (< 1.5 seconds) power/Mode switch button to switch to HSI MODE, short press FN wheel inward (<1.5 s) to adjust the triangle arrow in the screen pointing to H (HUE) icon.
In the mode of HSI, dial the BRT knob can adjust the brightness of light, dial BRT knob upward to increase the brightness, dial the BRT knob downward to decrease the brightness, in the meantime, the corresponding adjusted brightness value will display in the OLED screen.
Dial the FN wheel upward for one time, the wheel will rebound, color gamut will increase by 1° .
Dial the FN wheel upward and hold, color gamut will keep increasing to 360° max , if continue to dial upward, it will change to 0°
Dial the FN wheel downward for one time, the wheel will rebound, color gamut will decrease by 1° .
Dial the FN wheel downward and hold, color gamut will keep decreasing to 0° min , if continue to dial downward, it will change to 360° .
Short press FN wheel inward (< 1.5 s) again to adjust the triangle arrow in the screen pointing to S(Saturation).
Dial the FN wheel upward for one time, the wheel will rebound, the saturation will increase by 1 .
Dial the FN wheel upward and hold, the saturation will keep increasing to 100 max .
Dial the FN wheel downward for one time, the wheel will rebound, the saturation will decrease by 1.
Dial the FN wheel downward and hold, the saturation will keep decreasing to 0° min.

(3) Color temperature/ Brightness adjustment

In the state of power ON, short press(<1.5s) the power/Mode switch button to switch to CCT Mode, the triangle arrow in the screen will point to the Color Temperature icon .
At mode of CCT, BRT wheel can adjust the current brightness of light, slide the BRT knob upward, the brightness will increase, slide the BRT knob downward, the brightness will decrease, in the meantime, the corresponding adjusted brightness value will display in the OLED screen.
Dial the FN wheel upward for one time, the wheel will rebound, color temperature will increase by 100K .
Dial the FN wheel upward and hold, the color temperature will keep increasing up to 8500K max.
Dial the FN wheel downward for one time, the wheel will rebound, color temperature will decrease by 100K.
Dial the FN wheel downward and hold, the color temperature will keep decreasing to 2500K min.

(4) EFFECTS Adjustment

In the state of power ON, short press(<1.5s) power/mode button to switch to the EFFCTS mode.
In the mode of EFFECTS, BRT wheel can adjust the current brightness of light, slide the BRT knob upward to increase the brightness, slide the BRT knob downward to decline the brightness. In the meantime, the corresponding adjusted brightness value will display in the OLED screen.
In the mode of EFFECTS, dial FN wheel upward for one time, it will switch to last scene.
In the mode of EFFECTS, dial FN wheel downward for one time, it will switch to next scene.
There are 49 effect scenes :

1. HSI Cycle Slow　2. HSI Cycle Medium　3. HSI Cycle Fast　4. Flash Slow
5. Flash Medium　6. Flash Fast　7. Party Slow　8. Party Medium　9. Party Fast
10. Lightning Slow　11. Lightning Medium　12. Lightning Fast　13. Faulty Bulb Slow
14. Faulty Bulb Medium　15. Faulty Bulb Fast　16. TV Slow　17. TV Medium
18. TV Fast　19. Candle Slow　20. Candle Medium　21. Candle Fast　22. Fire Slow
23. Fire Medium　24. Fire Fast　25. Fireworks Slow　26. Fireworks Medium
27. Fireworks Fast　28. Police Car Slow　29. Police Car Medium　30. Police Car Fast
31. Fire Truck Slow　32. Fire Truck Medium　33. Fire Truck Fast　34. Ambulance Slow
35. Ambulance Medium　36. Ambulance Fast　37. Emergency　38. Pulsing
39. Hi, Beam　40. Red Flash Slow　41. Red Flash Medium　42. Red Flash Fast
43. Green Flash Slow　44. Green Flash Medium　45. Green Flash Fast
46. Blue Flash Slow　47. Blue Flash Medium　48. Blue Flash Fast　49. SOS

4. Bluetooth connecting menu and APP operation guide

(1) Bluetooth connecting menu

In the state of power ON, long press the FN wheel inward for >1.5 seconds to switch to the MENU mode.
Short press(<1.5s) FN wheel inward , it will switch between GR and CH.
In the state of GR , dial FN wheel upward for one time, the wheel will rebound, GR will switch between A,B and C.
In the state of GR, dial FN wheel downward for one time, the wheel will rebound, GR will switch between A,B and C.
In the state of CH, dial FN wheel upward for one time, the wheel will rebound, CH will switch between 1~15.
In the state of CH, dial FN wheel downward for one time, the wheel will rebound, CH will switch between 1~15.

(2) APP Operation Guide:

1. Use a mobile phone to scan the above code to download the APP, or search and download the APP "LightAttendant" from Google Play(Android) or APP Store(iPhone IOS)

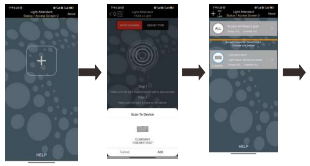
2. To turn APP on, you need to agree all necessary permissions and function switches. If Bluetooth is not enabled, it will prompt you to turn on Bluetooth to scan and connect the device. Select "Confirm to turn on Bluetooth" or manually turn on Bluetooth of the mobile phone (IOS requires to turn on manually).

3. The product turned on normally.

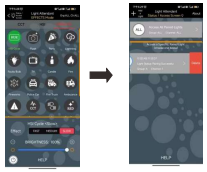
4. Click "+" of APP (as Fig. 1)to enter the interface of "Scan to Device " and scan the device. After a few seconds, photo of bound device and device name will be displayed as shown in Fig. 2. Click Add , it will display the Fig. 3 interface. When the words " Light status: Pairing successful" will show up and click the interface Fig.3, then it goes into the interface like Figure 4.
Click "Ch:1/Grp: A" on the upper right of the interface in Figure 4 to select the same Grp& CH as the light. By selecting different options on the top right side of the APP, the controlled devices will also be adjusted to corresponding options. Slide the grey block which shows the light status "Pairing successful"(in Fig.3) to the left side, then the interface in Figure 5 will show up. Click "Delete" in Figure 5, the corresponding interface will appear to prompt you to delete the paired device.

Note: Click "Help" on each screen of the APP will show the operation guide.

(When a device is not found during scanning, please make sure if the light is turned on or the Bluetooth in the mobile phone is enabled. then repeat above).



(Figure 1)　(Figure 2)　(Figure 3)



(Figure 4)　(Figure 5)

(3) Battery level display

When the light is turned on, the current battery level will display in the OLED screen. When the output power changes, the displayed battery level will also change accordingly.

(4) Product charging

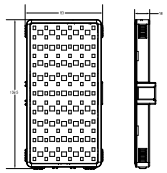
When the battery icon blinks, it means the product battery is out of power. Please charge the product with a 5V charger , plugging the output interface of charger into the Type-C interface of the product.
When charging smoothly, there will be a plug displaying in the screen, and the battery power will flow like water. When the charging is completed, the battery power will stop flowing like water.
If need to use the device for a long time, please use 5V/3A & above USB charger that enables to drive the light for a long time at full power.

(5) Charging a Mobile Phone via Type-C Output

When the Type-C port of this product detects that an external device supporting Type-C Sink is inserted, it automatically identifies charge and discharge, making a contact with the device through the corresponding charging protocol, and charges the device with the maximum current allowed.

6. Dimension of product

Unit: mm　Tolerance: ±1.0mm　L=159　W=83　H=16



7. Product parameters

No.	Item	Specifications
1	Applicable Range	Suitable for mobile phone photography, video, live streaming and light supplement, in small environment.
2	Beads Qty.	RGB 5050 SMT beads 45PCS, 2500K 2835 SMT beads 45PCS, 8500K 2835 SMT Beads 45PCS
3	Lighting Parameter	Maximum illumination (C-800): 1250Lux±50Lux/0.5m Without a diffuser Luminous flux: 800LM±50LM (Without a diffuser) Light power: 10W max Type-C Output power: 5V/2.4A max 12W (The charged device is supposed to support Type-C Sink). Input charging power: 5V/2A max 10W CRI: CRI>95　Color temperature: 2500K-8500K RGB gamut: 0-360° Full gamut
4	APP	Remote control distance:15meters Group: GR ALL-C Channel: CH0-CH15
5	Battery	Battery internal Li-Polymer 3.7V/5000mAh/18.5Wh
6	Charging Method	5V charger (Note: If charging &discharging in the meantime, charger 5V/3A or above)
7	Display Mode	OLED screen display
8	Display Content	Modes, Color gamut, Saturation, Brightness, Color Temperature, Battery Power, Charging Status, EFFECTS icon, Menu
9	Fixed Mode	Universal 1/4"-20 threaded port, Camera cold shoe interface
10	Net Weight	About 325g
11	Humidity	20% ~ 80%
12	Working Temperature	0℃~35℃
13	Storage Temperature	-20℃ ~ 60℃
14	Product Size	159 x 16 x 83 mm

8. Caution

1. This light is not dustproof and waterproof.
2. Do not let the product fall to the ground, collision or strong impact.
3. Do not use in a completely enclosed environment, otherwise it may increase the internal temperature and cause product failure, fire or accidents.
4. Do not look directly at the LED beads in use at close range, otherwise it may cause vision damage.
5. Do not place the product in the vicinity of flammable or volatile liquid, otherwise it may cause fire or smoke.
6. Please must turn off the product when the use is over.
7. Do not put the product into the storage box after use immediately. Residual heat may damage the white LED. Cool the product thoroughly before placing it in the storage box.
8. Do not disassemble the product without authorization, the battery short circuit may burn and cause fire.
9. Do not put the product on hold for a long time when the battery is completely exhausted.

FCC Warning

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.
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.
The device has been evaluated to meet general RF exposure requirement.
The device can be used in portable exposure condition without restriction.

● Specifications and appearance are subject to change without notice.