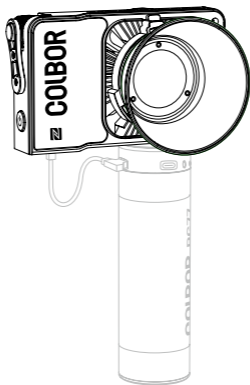


COLBOR



W100 Video Light

User Manual

Thank you for choosing COLBOR product. Please read this manual carefully before use and follow all instructions mentioned herein.

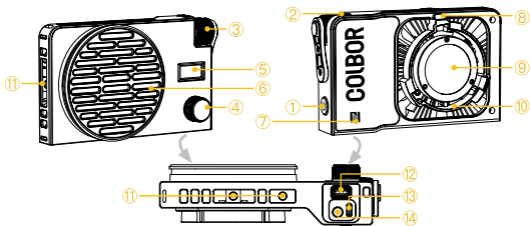
Caring For Your COLBOR Product

- Keep corrosive chemicals, liquids and heat source away from the product to prevent mechanics damage.
- The product is not waterproof.
- Do not leave the product unattended while in use. Keep out of reach of children.
- Do not handle with wet hands. Do not touch the hot COB surface.
- Please do not block the ventilation and do not look at the light directly when it is on.
- Do not attempt to disassemble or modify the product. Doing so voids warranty.
- Please have the product checked or repaired by authorized technicians if any malfunctions happened.
- Disconnect from the power supply when it is not in use.
- Do not cover, inverted COB and radiator for high temperature, do not cover, inverted, do not touch the lamp holder and radiator vent with your hands when the product in use.
- Do not use any power adapter of other products to avoid the lamp malfunction.
- Malfunction may be caused by dropping, impact of external force.
- Failure to follow all the instructions may result in mechanics damage.
- Our company reserves the right of final interpretation of the product.
- Product design and specifications are subject to change without prior notice.

Note:

- Please use the included power adapter to avoid damage.
- When powering via the COLBOR POWER GRIP, use the D-Tap to DC cable to connect the D-Tap port on the battery and the DC port on the light. Please do not use the Type-C port on the battery for powering.

Product Instructions



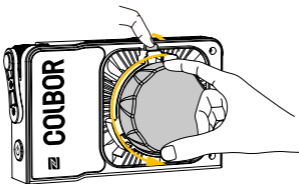
- | | |
|-----------------------------------|---------------------|
| ① Power Button | ⑧ COLBOR Mount Lock |
| ② Wireless Control Setting Button | ⑨ COB Lamp Beads |
| ③ Brightness Control Wheel | ⑩ COLBOR Mount |
| ④ Color Temperature Control Knob | ⑪ 1/4" Screw Hole |
| ⑤ OLED Screen | ⑫ Battery Contacts |
| ⑥ Air Inlet | ⑬ Type-C Port |
| ⑦ NFC Detection Area | ⑭ DC Port |

Light Installation

1. Removal of COB protection cover

Hold the COB cover with the COLBOR Mount tenon and rotate it as the direction of the arrow.

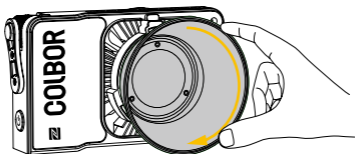
★ **Note:** Be sure to remove cob protective cover and cob protective film before use.



2. Installation and removal of reflector

Installation of reflector: Align the reflector with the groove around the lamp head and clip it in, turn the reflector as the direction of the arrow, and the reflector installation will be completed after the top rod rebounds.

Removal of reflector: Follow the instructions of "Removal of COB protection cover".

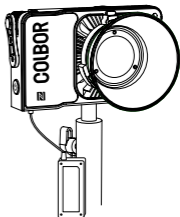


3. Power Connection

(1) Power with power adapter

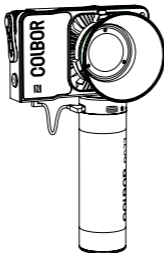
Connect the power adapter, align the DC power jack of the lamp body, and then power on through the cable after stable.

Do not suspend the power adapter in the air. Use wire rings to hang it on the lamp stand.



(2) Power with COLBOR Power Grip

Secure the battery handle with the light body's 1/4" screw hole at the top and connect via the D-Tap to DC cable for powering.



Operation Instructions

1. Power On/Off

Power On: Connect to the power source then long press the power button.

Power Off: Long-press the power button to turn off.

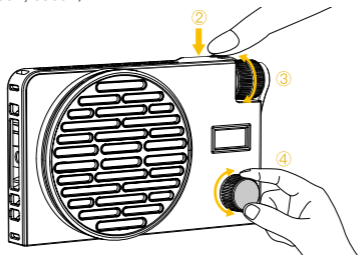
2. Brightness Adjustment

Roll the brightness adjustment wheel for adjustment. Short press the wheel side to select preset brightness(0%, 25%, 50%, 75%, 100%).

3. Color Temperature Adjustment

Rotate the color temperature control knob for color temperature adjustment.

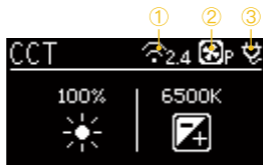
Short press the knob to select preset color temperature(2700K, 3200K, 4300K, 5600K, 6500K).



4. EFF Control/Fan Mode Control

Connect to the APP for Fan settings and EFF settings.

5. Status Icon Description



① Wireless Connection Status Icon



2.4GHz Control Mode, available for controlling via CTRL1 remote.

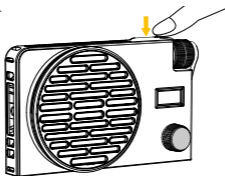


APP Control Mode, available for controlling via COLBOR Studio APP.

② Fan Status Icon	
S	Smart Mode. The product will adjust the fan speed according to the internal detected temperature to ensure that it is in optimal working condition.
P	Performance Mode. Fan runs at the highest speed to ensure heat dissipation.
Q	Quiet Mode. The fan keeps running at low speed for minimum noise, and overheating protection will be activated if the product temperature is higher than the alarm value.
③ Power Status Icon	
	DC Powering.
④ Error Icon	
NTC!	NTC error, COB temperature sensor error, please contact the after service.
ERROR	Fan error, please contact the after service.

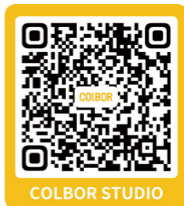
Wireless Connection

Short press the remote control button to switch between 2.4GHz (CTRL1 remote) and APP (COLBOR Studio APP) control modes, then long-press the button to start pairing.



1. APP Connection & Operation

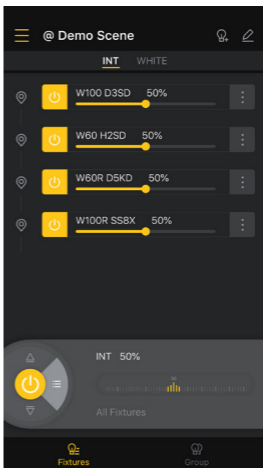
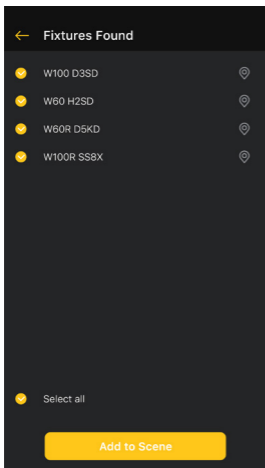
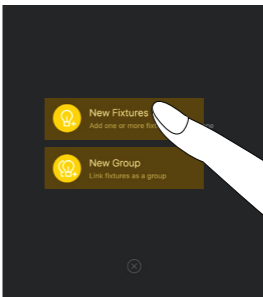
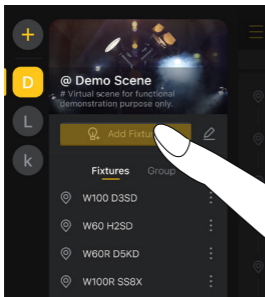
Scan or search in the app store to download the COLBOR STUDIO for further functions.



(1) APP Connection

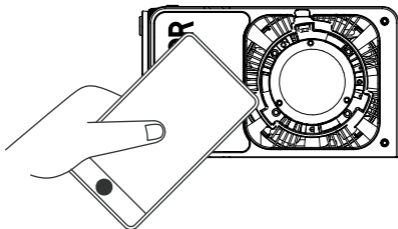
① Short press the Wireless Control Setting Button to switch to APP Connection Mode (Shows the Icon ) and long press to start pairing, once the icon flashes, the light is in connection mode.

② Open the COLBOR STUDIO APP and click "Add Fixtures", and find the W light to confirm adding it.



(2) NFC Connection

Tag your phone's NFC sensing area close to the light's NFC logo. A prompt will automatically appear on your phone to open the APP. Click the prompt to open the APP.

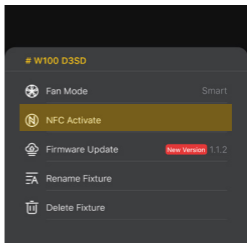
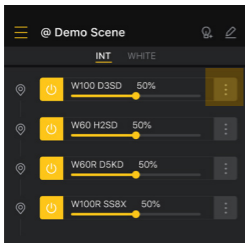


* If the app has not been installed, a prompt to install will appear. Click the prompt to enter the app download page on the official site or the APP store.

* Devices before IOS13 (iPhone XS/iPhone XR) are not available for this function.

* If the light has never connected to a device via NFC, please enable the Bluetooth connection option and activate the light's NFC function first:

- ① Connect the light via the APP connection method (refer to the APP connection operation).
- ② Click on the "Edit Icon" of the light, then click "Activate NFC." Tag your phone's NFC area close to the light's NFC logo to activate NFC. When reconnecting the light, tag your phone's NFC sensing area close to the light's NFC logo area to complete the pairing.



* A light is allowed to be controlled by multiple phones simultaneously. For the real-time parameters, please refer to the phone which last controlled the light and the light.


(3) APP User Manual

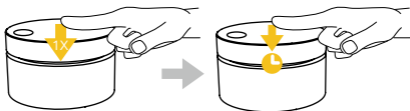
Click to open the page to check for more information.

Graphic: <https://www.colborlight.com/pages/cb-studio-help-center>

Video: <https://youtu.be/SYEqPTvuy3M>

2. Remote Connection

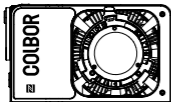
- ① Short press the Wireless Control Setting Button to switch to 2.4G Connection Mode (Shows the Icon ) and long press to start pairing, once the icon flashes, the light is in connection mode.
- ② Short press the CTRL1 dial, then long press for 3–4 seconds to pair the remote control with the light.



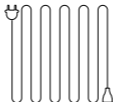
Specifications

CRI/TLCI	97/99
SSI	D32:88 D56:71
TM-30-18	Rf:94/Rg:101
Color Temperature Range	2700K-6500K(±150K)
Beam Angle	≈∠ 120°
Illumination	See the Form 1 Below
COB Output Power	100W
Power	105W(Max)
Light Working Voltage	DC 20V=5A
Cooling Mode	Smart/Quite/Performance
Connector	DC/Type-C
Body Material	PC+ABS
Light Dimension	157*43*93mm
Light Weight	345g
Operating Temperature	-10~40°C

Packing List



W100 Video Light x1



Plum Tail Cable x1



Power Adapter (with Wire Lanyard) x1



Reflector x1



COB Cover x1



Dome x1



Warranty Card x1

✳ Power adapters may vary according to sales region.

Form 1

Illumination

CCT		1m	3m	5m
2700K	Light Base	2,790	408	221
	Reflector	5,270	665	314
3200K	Light Base	3,010	453	247
	Reflector	5,690	718	339
4300K	Light Base	3,300	499	261
	Reflector	6,360	776	376
4500K	Light Base	3,340	495	264
	Reflector	6,420	790	380
5600K	Light Base	3,450	512	275
	Reflector	6,790	843	398
6500K	Light Base	3,510	519	282
	Reflector	7,02	851	396

* The data is given from testing in a laboratory.

WARRANTY

Warranty Period

Thank you for purchasing COLBOR products.

1. Customers are entitled to free replacement or repair service in case of quality defect(s) found in the product under normal use within 30 days upon receipt of the product.

2. Original COLBOR products are entitled to 12-month limited warranty service. The warranty period begins on the date of purchase of brand new, unused products by the first end-user.

Within the warranty period, if product defect or failure is attributable to material deflection or technological problem, the defective product or defective part will be repaired or replaced without charge (service and materials fee).

Warranty Exclusions and Limitations

1. Faults resulted from inappropriate use of a product without following its operation specification

2. Artificial damage, e.g. crash, squeeze, scratch, soaking, exposing to rain or damp

3. Modifications to a product by its user or a third party without prior written consent of COLBOR, e.g. replacement of element or circuit, label alteration

4. The code on product is inconsistent with that of warranty certificate, or the code on the product or warranty certificate is altered or torn off

5. All consumable accessory attached to a product, like cable, cover

6. Faults as a result of force majeure, such as fire, flood, lightning, etc.

Warranty Claim Procedure

1. If failure or any problem occurs to your product after purchase, please contact a local agent for assistance, or you can always contact COLBOR's customer service through email.

2. Please retain your sales receipt and warranty certificate as proof of purchase. If any of these documents is missing, only sales return or chargeable service will be provided.

3. If the COLBOR product is out of the warranty coverage, the service and the parts cost will be charged.

Guangzhou Zhiying Technology Co., Ltd

📍 Room 2401, 24 / F, South Tower, Lisheng Plaza, No. 68 Huadi Avenue, Liwan District, Guangzhou, China, 510000

✉ support@colborlight.com

🌐 www.colborlight.com