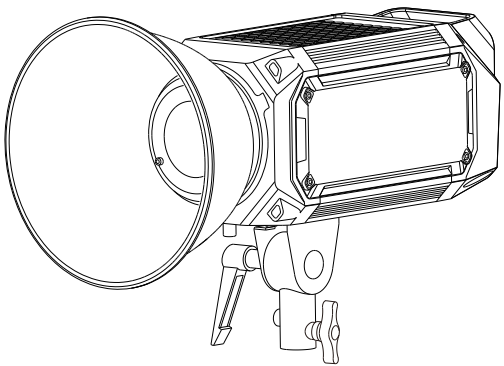
LISHUAI FILM & TELEVISION EQUIPMENT

# COOLCAM 200C

## User Manual



Yuyao Lishuai Film & Television Equipment Co., Ltd.

# 1.Introduction

Thank you for purchasing the Lishuai COOLCAM series of LED video lights.

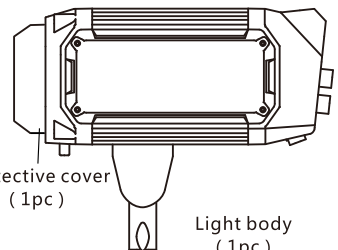
The LiShuai COOLCAM series products are the high-performance professional lights specially designed for high-end live streaming and commercial shooting.

The COOLCAM200C light body is compact and lightweight yet delivers exceptional performance with high brightness, excellent color rendering, and a high-quality light source, significantly enhancing picture quality. Moreover, it comes with the new Light Reel APP, which provides more options for live streaming rooms and studio lighting. With 0-100% precise stepless dimming, 19 built-in movie grade special effects, and three levels of cooling fan speed adjustment, it offers functional settings that cater to different scenarios and comprehensively improve work efficiency. With RGB design and various wireless light control methods, you can effortlessly explore stress-free creativity.

## 2.Warnings

1.Do not disassemble of modify the light.
2.Do not operate with wet hands, doing so may cause electric shock.
3.Do not operate in environments near flammable gasses or volatile liquids as this may increase the risk of explosion/fire.
4.Do not operate in enclosed spaces where heat buildup can be extreme, such as a car on a sunny day. The increased heat may cause premature failure of the lighting unit.
5.Do not touch the plug or AC adapter with wet hands; doing so may cause electric shock.
6.Do not damage, disassemble, pull or twist the power cord, otherwise it may cause fire or electric shock.
7.Do not place under heavy objects.
8.Keep the light surface clean with a soft, dry cloth.
9.Use ONLY the provided AC power adapter; using other AC power adapters may result in damage to the light.
10.Do not forcefully collide with the LCD touch screen to avoid damage.
11.Avoid dust and debris buildup on the light surface as this will change illuminance and color temperature.
12.When using accessories please ensure that these are installed properly to avoid damage to the light or other safety issues caused by falling accessories.
13.Please loosen the adjustment & locking handle before adjusting the angle of the lamp body.

# 3.Standard Equipment List



Protective cover
( 1pc )

Light body
( 1pc )

Standard cover
( 1pc )

Power cord
( 1pc )

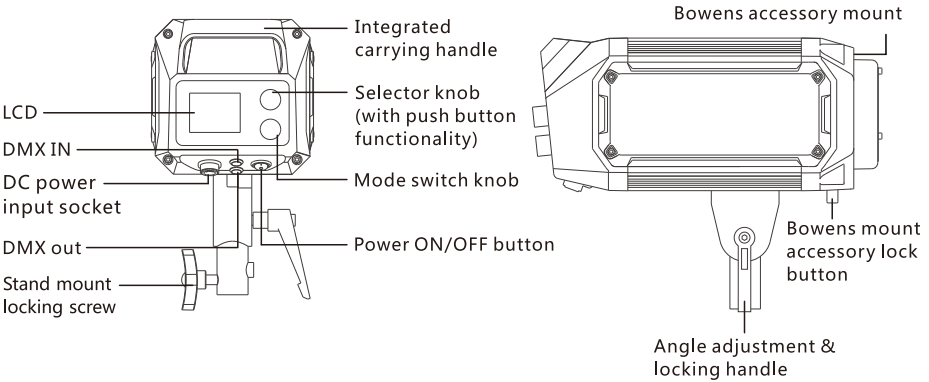
Power adapter
( 1pc )

Safety cable
( 1pc )

Instruction manual
( 1pc )

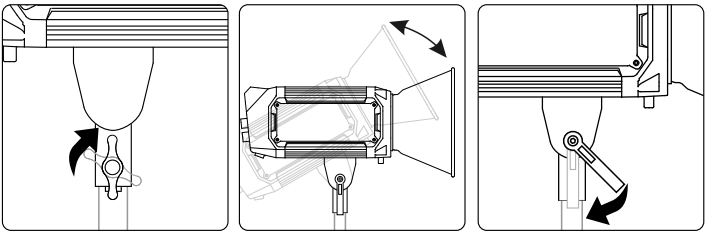
Tip: The illustrations in the manual are schematic diagrams and are for reference only.Since products are constantly updated and upgraded,if there is any discrepancy between the actual product and the diagram,Please refer to the actual product.

# 4.Parts Diagram



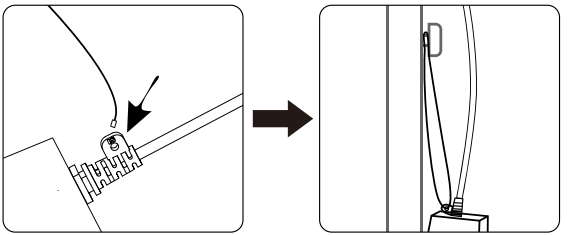
# 5.Operation Instructions

1.Light Installation



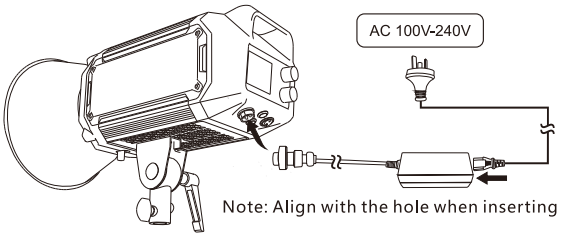
Tighten the stand mount locking screw to fix the light on the tripod, adjust the appropriate angle with the light handle, and then lock the locking handle clockwise.

2.Placing the power adapter



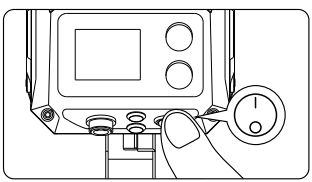
Use the safety cable to hand the power adapter on the light support.

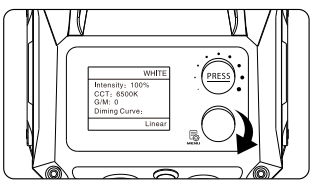
3.Power Supply




Connect the power adapter to the light fixture by inserting the power adapter plug into the DC power input socket on the lower left corner of the light fixture.Connect the AC power cable to the external AC power (AC100-240V).

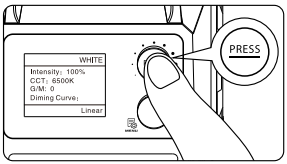
4.Power on and turn on the power switch

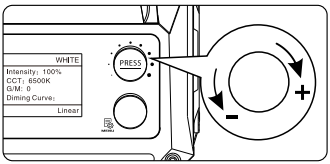





Turn on the power, turn on the power switch at the bottom of the control box, and the LCD screen of the control box will display a white light interface.

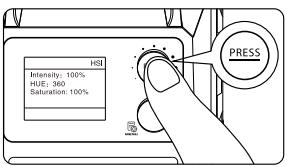
5.White light mode

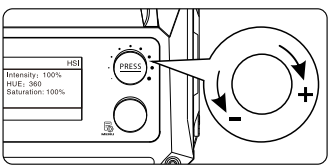



Rotate the menu knob to enter the white light interface. short press the selector knob to switch between brightness, color temperature, G/M and dimming curve modes. Rotate the selector knob to adjust the value. The brightness adjustment range is 0-100%, and the color temperature adjustment range is 2700K-7500K. The G/M adjustment range is -100~+100 and the dimming curve options are Linear, Exponential, Logarithmic, and S-Curve.

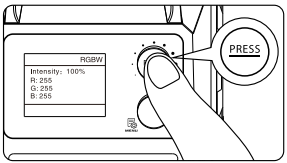
6.HSI mode

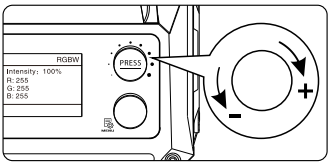



Rotate the menu knob to enter the color interface. Short press the selector knob to switch between brightness, hue, and saturation. Rotate the selector knob to increase or decrease the value. The brightness adjustment range is 0-100%, and the hue adjustment range is 0-360°. Saturation adjustment range 0-100%.

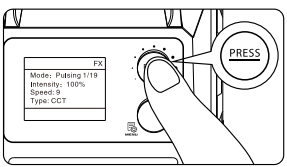
7.RGB mode

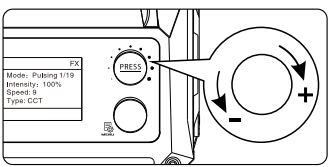



Rotate the menu knob to enter the RGB interface. Short press the selector knob to switch between brightness, red, green and blue. Rotate the selector knob to adjust the value. The brightness adjustment range is 0-100%, and red, green and blue can be adjusted separately, with a range of 0-255.

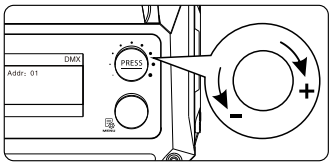
8.FX mode




Rotate the menu knob to enter the special effects interface. Short press the selector knob to switch between mode, brightness, speed and status. Rotate the selector knob to adjust the value. Special effects mode range is 1-19, the brightness adjustment range is 0-100%, the speed adjustment range is 0-9. Please refer to the actual situation on the fixture for details.

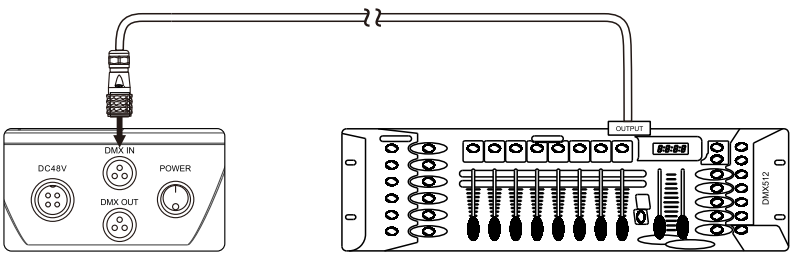
9.DMX Mode




Enter the DMX interface and rotate the selector knob to adjust the value, with an address adjustment range of 1-512.

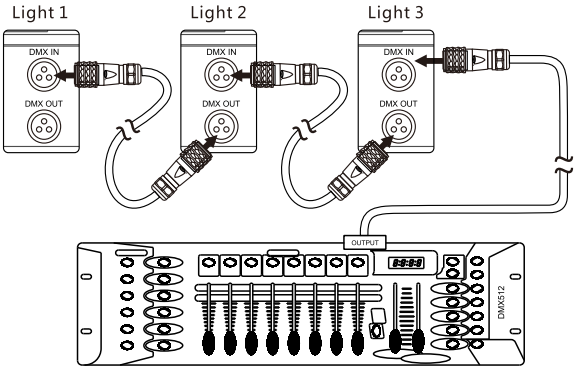
(1)When using DMX, connect the DMX cable(to be purchased separately) to the console. Set up DMX address on the light to match the DMX console. Now the light is controlled by the DMX signal.

DMX connection for single light




Light DMX512 console

DMX connection for multiple lights




DMX512 console

(2)DMX Control

a.Single color temperature light :

The brightness is the corresponding channel on the console, such as 1-1 brightness (1 channel), 1-2 brightness (2 channels), 1-3 brightness (3 channels)...

b.Dual color temperature light :

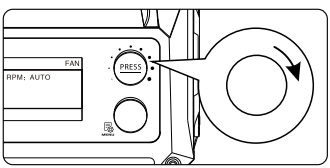
Brightness and color temperature are adjacent channels on the console. If 1-1 is brightness, then 1-2

is color temperature (1 channel); 1-2 represents brightness, 1-3 represents color temperature (2 channels)...

DMX Address Correspondence Table :

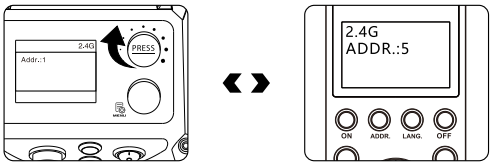
| LCD display address | DMX console channels (single color temperature) | DMX console channels (Bi-color temperature) |
|---|---|---|
| 1 | 1-1 ( Brightness ) | 1-1 ( Brightness ) ,1-2 ( Color Temperature ) |
| 2 | 1-2 ( Brightness ) | 1-2 ( Brightness ) ,1-3 ( Color Temperature ) |
| ..... | ..... | ..... |
| 16 | 1-16 ( Brightness ) | 1-16 ( Brightness ) ,2-1 ( Color Temperature ) |
| 17 | 2-1 ( Brightness ) | 2-1 ( Brightness ) ,2-2 ( Color Temperature ) |
| ..... | ..... | ..... |
| 511 | 32-15 ( Brightness ) | 32-15 ( Brightness ) ,32-16 ( Color Temperature ) |
| 512 | 32-16 ( Brightness ) | |

10.Fan Mode




Enter the fan interface and rotate the selector knob to switch between automatic, low, medium, and high modes.

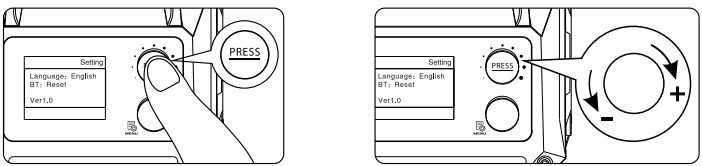
## 11.Remote Control Mode(remote control for optional purchase)




Enter the remote control interface and rotate the selector knob to adjust the address. The remote control address adjustment range is 1-12, and the remote control address selection is synchronized with the light.

Noted: RMT-OFF means that the remote control function can not be used.

## 12.Setting Mode




Enter the settings interface and short press the selector knob to switch between language, Bluetooth settings.

a. Language switching: Rotate the selector knob to switch between Chinese and English options.

b. Bluetooth settings: Before using the APP to control the lighting, rotate the selector knob to reset the Bluetooth of the lighting.

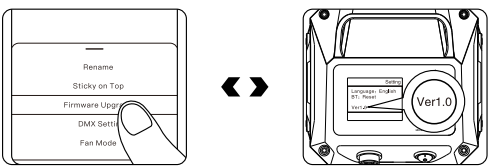
13.APP Control

Operation Instruction

Download in Apple Store

Users can search for "Light Reel" in the Apple store and Android market, or scan the QR code above to download APP to control the lighting.

14.Firmware Upgrade




Users can upgrade their firmware through the Light Reel APP. After the upgrade is successful, they need to restart the lighting and enter the settings interface to view the current device version.

## 6.Product specifications

| | |
|---|---|
| **Product model** | 200C |
| **Power** | 220W max |
| **Beam angle** | 63° |
| **Color temperature** | 2700K-7500K |
| **CRI** | Average 95 |
| **TLCI** | Average 97 |
| **Rf** | Average 92 |
| **Rg** | Average 101 |
| **Working voltage** | AC power adapter:AC100V-240V，Light fixture:DC48V |
| **Size** | 29 x 13.2 x 24cm |
| **Weight** | 2.65kg ( Light body ) ，1.1kg ( Power adapter ) |

| 200C Illuminance data | | | | | |
|---|---|---|---|---|---|
| CCT | Distance / Data | 1m | 2m | 3m | 5m |
| 2700K | W/O reflector | 5072 lux | 1307 lux | 581 lux | 211 lux |
| | Standard cover | 15020 lux | 2925 lux | 1212 lux | 408 lux |
| 3200K | W/O reflector | 5600 lux | 1441 lux | 639 lux | 233 lux |
| | Standard cover | 16565 lux | 3234 lux | 1338 lux | 451 lux |
| 5600K | W/O reflector | 6418 lux | 1646 lux | 728 lux | 268 lux |
| | Standard cover | 19188 lux | 3705 lux | 1540 lux | 519 lux |
| 7500K | W/O reflector | 6667 lux | 1720 lux | 765 lux | 278 lux |
| | Standard cover | 20025 lux | 3909 lux | 1616 lux | 542 lux |
| R | W/O reflector | 1047 lux | 267 lux | 119 lux | 43 lux |
| | Standard cover | 3124 lux | 607 lux | 252 lux | 85 lux |
| G | W/O reflector | 3226 lux | 805 lux | 359 lux | 131 lux |
| | Standard cover | 10459 lux | 1992 lux | 816 lux | 274 lux |
| B | W/O reflector | 613 lux | 146 lux | 67 lux | 23 lux |
| | Standard cover | 1831 lux | 325 lux | 129 lux | 46 lux |

**Product specifications are based on testing our laboratory samples. The product may vary slightly, however these variations will not affect normal use. The design and specifications are subject to change without notice.**

LISHUAI FILM & TELEVISION EQUIPMENT

0574-62763333/62636368 0574-62636398 ls@lishuai.com.cn

No.55 East Zhenxing Road,Yuyao CityZhejiang Province,China