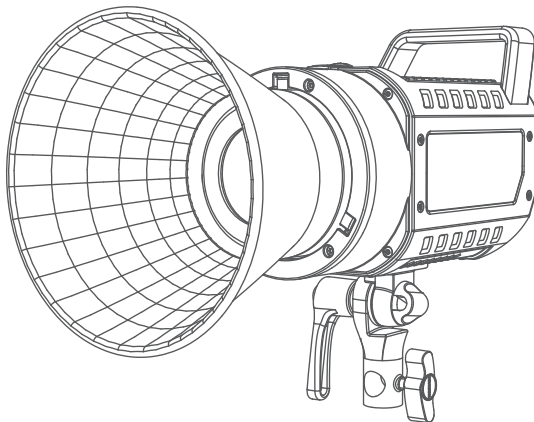


**NEEWER**  
*You Create. We Illuminate.*



## 300W RGB LED Video Light Instruction Manual

## Safety Information

Before using the product for the first time, please read the following precautions, ensure the product is complete and in good condition. Please refrain from using damaged spare parts.



Avoid placing flammable materials near the studio light.



Use a hair dryer with brush attachment or clean, soft paper to remove dust and moisture.



Avoid prolonged exposure to and avoid storing the product in direct sunlight.



Ensure the ventilation holes are not blocked during use and avoid covering them at any time.



Refrain from attempting to disassemble or repair the unit yourself.

## Safety Information



Avoid using the product in rainy, wet conditions, or other unfavorable weather conditions.



Keep the product out of the reach of children and pets.



Prior to maintenance, ensure the power is turned off and disconnected. Turn off the power when installing or removing accessories.

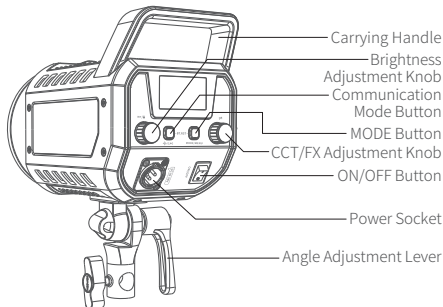
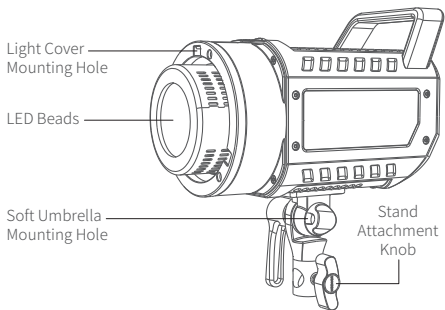


Do not use chemicals or liquids to clean the light. Avoid immersing any part of the machine in liquid.

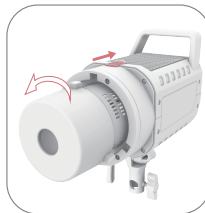


The studio light may become hot during use, so refrain from touching it with bare hands.

## Product illustration



## How to Install



① Pull the light cover latch back and rotate the cover counterclockwise until the latch aligns with the hole in the light body. Remove the cover.



② Insert the reflector's metal tab into the hole on the studio light and rotate it clockwise until it is tightly secured.

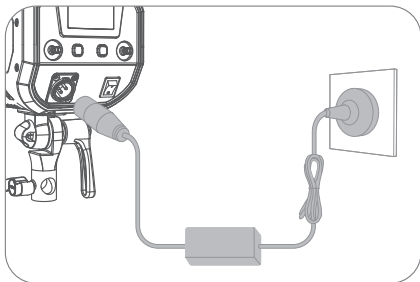


③ Place the light stand into the adapter base and tighten the "stand attachment knob" clockwise to secure it.



④ Loosen the "angle adjustment lever" by turning it counterclockwise. Adjust the angle of the studio light to suit your requirements.

## How to Install



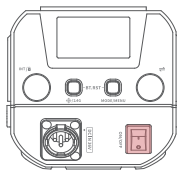
⑤ Connect the studio light to power using the provided power cable and adapter.

※ Alternatively, you can power the studio light with a V-port battery using the V-Mount battery box (relevant accessories need to be purchased separately).

## Battery warning

1. Do not attempt to detach, modify, and repair the battery by yourself. Any unauthorized operation may cause battery leakage, overheating, burning, and other hazards.
2. Be sure to use the provided or certified chargers to prevent overcharging and shortcuts.
3. If unusual charging speed and indicator flashing occur, please stop charging and contact our customer service immediately.
4. Keep away from inflammable and explosive items.

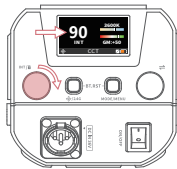
## How to Use



### Turning On/Off:

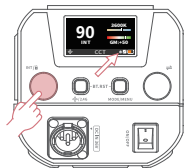
After powering on, set the switch to the "I" position to turn the studio light on.

Return the switch to the position "O" to turn off the studio light.



### Brightness Adjustment:

In any mode, turn the "INT/🔒" knob to adjust the brightness from 0 to 100%.

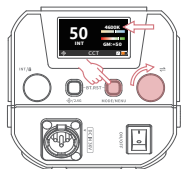


### Operation Lock:

Long press the "INT/🔒" knob to lock the device and its controls.

Long press the "INT/🔒" knob again to unlock.

## How to Use

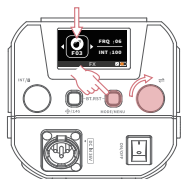


## CCT Mode

Short press the "**MODE/MENU**" button to enter CCT mode.

Turn the "**HUE**" knob to adjust the color temperature from 2500K to 7500K. After setting the temperature, press any button to exit.

Short press the "**HUE**" knob to switch to GM adjustment between -50~50.



## Special Scene Effects:

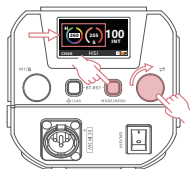
Short press the "**MODE/MENU**" button to enter FX mode.

Turn the "**HUE**" knob to select one of the special effect scenes from FX F01 to F17.

## 特效场景种类:



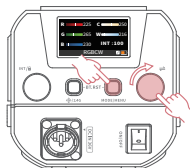
## How to Use



## HSI Mode

Short press the "**MODE/MENU**" button to enter HSI mode, then press "**HUE**" again to select either HUE or SAT sub-modes.

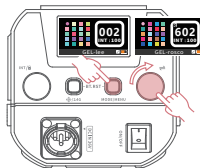
Once a sub-mode is confirmed, turn the "**HUE**" knob to adjust the HUE/SAT values.



## RGBCW Mode

Short press the "**MODE/MENU**" button and switch it to RGBCW mode. Press it "**HUE**" again to choose from R/G/B/C/W.

Once an option is selected, turn the "**HUE**" button to adjust its value.

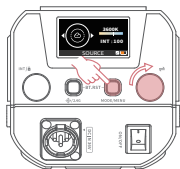


## GEL Mode

Short press the "**MODE/MENU**" button to enter GEL mode. Press it "**HUE**" again to choose between 2 GEL types LEE and ROSCO.

After confirming a type, rotate the "**HUE**" button to choose the corresponding gel colors.

## How to Use



## Source Matching Mode

Short press the "**MODE/MENU**" button to switch to SOURCE mode.

Rotate the " $\rightleftharpoons$ " knob to select one of 17 light sources.

## Natural Light Sources



Sunrise/Sunset  
1800K



Candlelight  
1900K



Horizon Sunlight  
5000K



Daylight  
5500K



Sunlight  
6500K



Overcast  
7000K



Moonlight  
8000K



Blue Sky  
10000K

## Film &amp; TV Lighting Sources



Tungsten  
Light  
3200K



Film Bulb  
3300K



Modeling  
Light  
3400K



5600K  
HMI Light  
5600K



Daylight  
HMI Light  
6000K

## How to Use

## Other Light Sources



High-Pressure  
Sodium Lamp  
2200K



Warm White  
Halogen Lamp  
2700K



White Halogen  
Lamp  
4300K



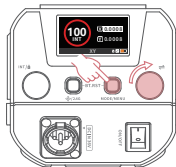
Short Arc  
Xenon Lamp  
6200K

## X/Y Mode

Short press the "**MODE/MENU**" button to enter X/Y mode.

Short press the " $\rightleftharpoons$ " knob to select the X or Y coordinate.

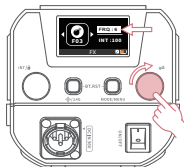
Turn the " $\rightleftharpoons$ " knob to adjust the parameter value of the X or Y coordinate.



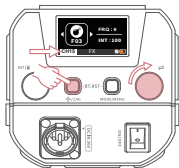
## Frequency Adjustment:

Short press the " $\rightleftharpoons$ " knob to select "FRQ".

Turn the " $\rightleftharpoons$ " knob to adjust the frequency from 01 to 10. Press any button to exit.



## How to Use



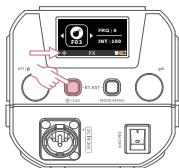
### 2.4G Mode:

Short press the "❖/2.4G" button to switch to 2.4G mode.

Long press the "❖/2.4G" button, Select the "CH".

Turn the "⇌" knob to select a channel from 0 to 99. Press any button to exit.

※ In 2.4G mode, when multiple LEDs are set to the same channel (e.g., CH88), adjusting one light will automatically synchronize the settings with the others on the same channel.



### Infinity Mode:

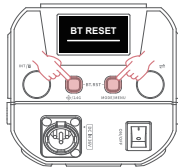
To activate the Infinity mode, simply press the "❖/2.4G" button briefly. Upon activation, the "❖" icon will start flashing.

Connect your smartphone's Bluetooth through the "NEEWER" app and use it to control the LED lights. Refer to the "APP prompt card" for instructions. Scan the QR code on the APP guide page to access the app.

When the "❖" icon stops flashing, it indicates a successful Bluetooth connection has been made.

※ Press and hold the "BT.RST" buttons simultaneously to reset the Infinity connection before connecting the APP.

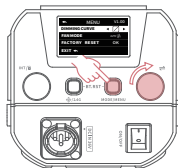
## How to Use



### Bluetooth Reset:

In Infinity mode, press and hold the "BT.RST" buttons simultaneously to enter the Bluetooth reset interface.

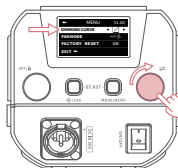
When "BT RESET" appears, the reset is successful.



### Entering the Menu

Long press the "MODE/MENU" button to enter the Menu mode.

Turn the "⇌" knob to select the desired setting, and press it again to enter.



### DIMMING CURVE

Short press the "⇌" button to enter "DIMMING CURVE" mode, which offers 4 available dimming curves.

Turn the "⇌" knob to select a dimming curve, and press it again to confirm.

### Dimming Curve Types



S type



logarithmic  
type

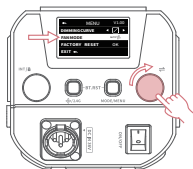


Exponential  
type



line type

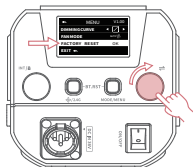
## How to Use



### FAN MODE

Turn the "⇌" button and select "FAN MODE", then press it to access this mode.

Turn the "⇌" knob to switch to Fan mode, offering options between Auto, Mute, and High Speed.



### FACTORY RESET

Turn the "⇌" button and select "FACTORY RESET", the short press it to enter.

Turn the "⇌" button to choose either "YES" or "NO".

### Fault Code Warning

|    |                                     |
|----|-------------------------------------|
| E1 | Over heating                        |
| E2 | Abnormal fan, about to shut down    |
| E3 | Abnormal sensor, about to shut down |
| E4 | Input overvoltage protection        |
| E5 | Input low-voltage protection        |

## Notes

1. Avoid dropping, bumping, or subjecting the product to strong impacts to prevent damage.
2. Refrain from looking directly into the light, as it may cause visual impairment.
3. Keep the product away from flammable and explosive materials.
4. Do not use the product in rainy or humid environments.
5. Avoid touching the product with wet hands.
6. Turn off the power when the product is not in use.
7. If the product will not be used for an extended period, store it in a well-ventilated and dry place away from heat and magnetic fields.

## Product Specifications

|                                       |                                                                                |
|---------------------------------------|--------------------------------------------------------------------------------|
| Product Model                         | FS300C                                                                         |
| Adapter Input Voltage                 | DC 36V --- 9.5A                                                                |
| V Port Battery Input Voltage          | DC 12-16.8V, 21-29.4V (Use the V-port battery to connect a three-hole adapter) |
| Brightness Range                      | 0~100                                                                          |
| Color Temperature Range               | 2500-7500K                                                                     |
| Channel Range                         | 00~99                                                                          |
| CRI                                   | ≥95                                                                            |
| TLCI                                  | ≥97                                                                            |
| Power                                 | 300W                                                                           |
| Maximum Illumination (with Reflector) | 29000 Lx/1m                                                                    |
| Frequency                             | 1~10                                                                           |
| Scene Effects                         | 17                                                                             |

If you have any questions about product ,  
we are glad to help.

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