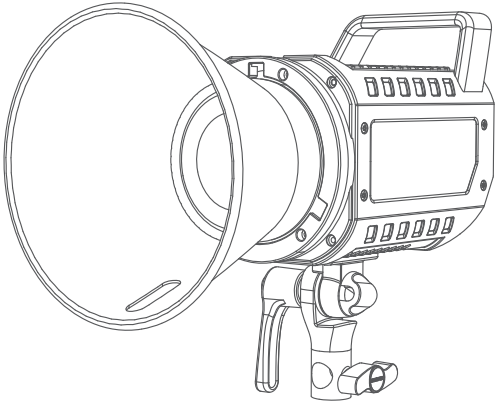
NEEWER

You Create. We Illuminate.



Bi-color 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 Overview

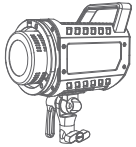
High brightness light source with an advanced optical design and standard scale reflector, providing illumination up to 72,000lx at 1m, which is ample brightness for your various lighting requirements.

Wide color temperature range from 2700K to 6500K, allowing for seamless switching between warm and cold color temperatures, without the need for the use of color filters.

Built-in 12 common special effects scenes with customizable settings. Users can easily simulate a variety of scenes and achieve dynamic effects without the need for complex lighting control.

Improved aesthetic design combining plastic with aluminium alloy, for increased strength and reduced weight, creating a compact and portable product.

Package Contents



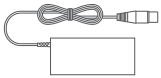
1 x Studio Light



1 x Reflector



1 x Protective Cover



1 x Power Adapter

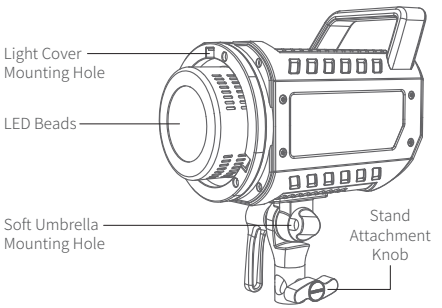


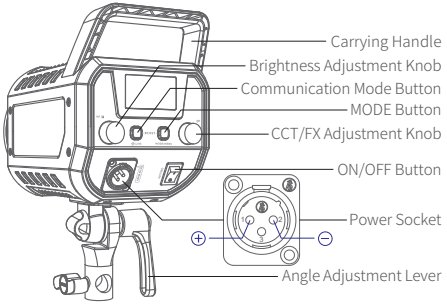
1 x Power Cord



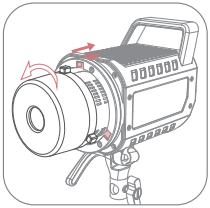
1 x User Manual

Product illustration

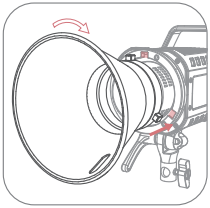




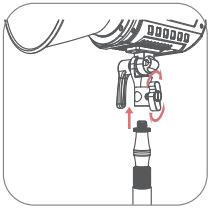
How to Install



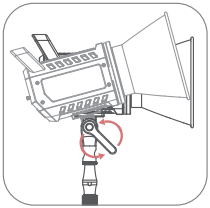
① Pull the light cover latch back and rotate the cover counterclockwise until the latch aligns with the hole in the light body. Remove the cover.



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

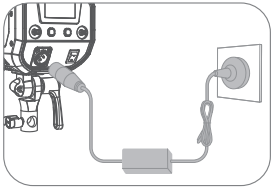


⑤ If using a soft umbrella (not included in the accessories), open it and insert the umbrella stem through the gap to accommodate the reflector, as well as the soft umbrella hole.



⑥ Ensure the soft umbrella is set at the right angle.

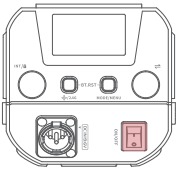
Note: The soft umbrella is not included and should be purchased separately.



⑦ 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).

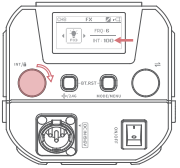
How to Use



Turning On/Off:

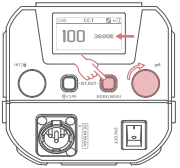
After powering on, set the switch to the " I " position to turn the studio light on.

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%.

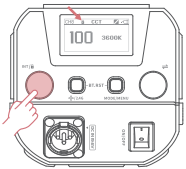


Color Temperature Adjustment:

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

Turn the " ⇌ " knob to adjust the color temperature from 2700K to 6500K. After setting the temperature, press any button to exit.

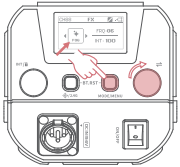
How to Use



Operation Lock:

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

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



Special Scene Effects:

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

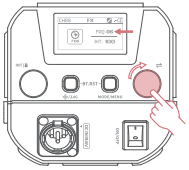
Turn the " ⇌ " knob to select one of the special effect scenes from FX F01 to F12.

Scene Effects Types:



How to Use

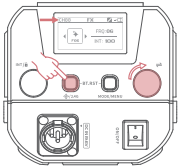
F07 Color Temperature Pulse | F08 Candle | F09 CCT Color Temperature Cycle | F10 INT Brightness Cycle | F11 TV Screen | F12 Firework



Frequency Adjustment:

Short press the "⇌" knob to select "FRQ".

Turn the "⇌" knob to adjust the frequency from 01 to 10. Press any button to exit.



2.4G Mode:

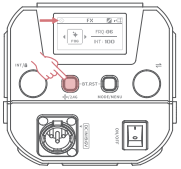
Short press the "✣/2.4G" button to switch to 2.4G mode.

Long press the "✣/2.4G" button and the "CH" icon on the screen will flash to indicate channel selection.

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.

How to Use



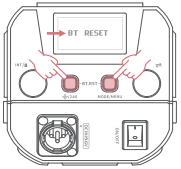
Infinity Mode:

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.

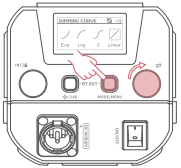


Bluetooth Reset:

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.

How to Use

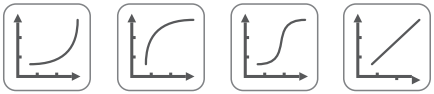


Dimming Curve:

Long press the "**MODE/MENU**" button to enter the dimming curve mode.

Turn the "⇌" knob to select one of the modes. Press any button to exit.

Dimming Curve Types:



Exponential type | logarithmic type | S type | line type

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.

Notes

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	FS150B	FS230B
Adapter Input Voltage	DC 19.6V ⎓ 8A	DC 20V ⎓ 13A
V Port Battery Input Voltage	DC 12V-16.8V (Use the V-port battery to connect a three-hole adapter)	DC 12V-29.4V (Use the V-port battery to connect a three-hole adapter)
Brightness Range	0~100	0~100
Color Temperature Range	2700-6500K	2700-6500K
Channel Range	00~99	00~99
CRI	97+	97+
TLCI	98+	98+
Power	130W	230W
Maximum Illumination (with Reflector)	80000 Lux/1m	110000 Lux/1m
Frequency	1~10	1~10
Scene Effects	12	12
Frequency Range	2402MHz ~ 2480MHz	2402MHz ~ 2480MHz
Maximum radio-frequency power	1.27dBm	1.27dBm