

Package Contents



Flexible LED Light ×1



Electric Air Pump Kit ×1



Power Adapter ×1



AC Power Cable ×1



Control Box ×1



Adapter Mount ×1



Foldable Holder ×1



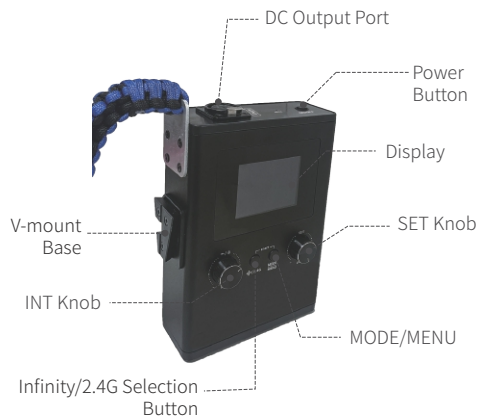
User Manual ×1



Carrying Bag ×1

Illustration

EN



DMX Output Port DMX Input Port Power Adapter Interface

● Power Button

Long press: Power on/off

● INT Knob

↶ When in the menu interface, short press the knob to exit the menu.

Long press:  Lock/Unlock the screen.

When the icon  appears after a long press, the screen is locked. Light settings can no longer be adjusted.

When the icon  disappears after a long press, the screen is unlocked. Full adjustment of the light settings is now possible.

Rotate: Adjusts the brightness of the light source. Turn it counterclockwise to decrease brightness, and clockwise to increase.

● SET Knob

Short press: Switches between menu parameters / confirms options in the MENU interface.

Rotate: Adjusts submenu parameter values / scrolls up and down in the MENU interface.

● MODE/MENU Button

Long press: Enters the MENU.

Short press: Switches between following lighting modes (MODE) CCT/HSI/RGBCW/FX/XY/GEL/SOURCE MATCHING

● Infinity/2.4G Switch Button

Short press: Switches between Infinity and 2.4G modes.

● Bluetooth Reset

Long press: Infinity/2.4G Selection button
+ MODE/MENU button

Functions /Icons	Functions	Settings Icons	Settings & Descriptions
DIMMING CURVE	Dimming Curves		Linear
			S-Curve
			Logarithmic
			Exponential
INFINITY MODE	Wireless Mode		Infinity Mode
		2.4G	2.4G Mode
2.4G CHANNEL	2.4G Channels	00-99	Any number between 00-99
DMX SWITCH	DMX Switch	ON	Turn On
		OFF	Turn Off
DMX ADDR	DMX Channels	001-512	Any number between 001-512
DMX MODE	DMX Mode	CCT&RGB 8CH	12 Modes
		CCT 4CH	
		CCT&HSI 7CH	
		RGB 5CH	
		HSI 4CH	
		GEL 4CH	
		XY 4CH	
		Source 4CH	
		FX 7CH	
		RGBCW 6CH	
DMX LOS	DMX Signal Loss	Ultimate mode 9CH	12 Modes
		NEEWER 7CH	
		0 S	Instant Off
		60 S	Gradual Off
DMX SMOOTH	DMX Smooth	180 S	Maintains effect for 2 minutes before fading off
		SAVE	Memory
		SMOOTH	Smooth
		SUPER SMOOTH	Super Smooth
STUDIO MODE	Studio Mode	OFF	Turn Off
		ON	Turn On
		OFF	Turn Off
LANGUAGE	English	ENG	—
FIRMWARE VERSION	Version	1.0.xx	—

Functions /Icons	Functions	Settings Icons	Settings & Descriptions
INFINITY RESET	Infinity Reset	YES	Yes
RESET ALL SETTINGS	Factory Reset	NO	No
OUTPUT MODE	Brightness Output Mode	YES	Yes
		NO	No
		CL	Constant Brightness Mode
		CP	Maximum Power Output Mode
EXIT	Exit Menu	—	—

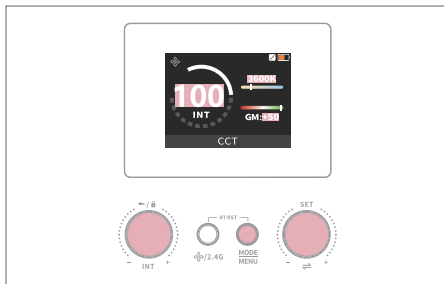
Menu Interface

MENU	
DIMMING CURVE	◀ ☒ ▶
INFINITY MODE	2.4G
2.4G CHANNEL	00
DMX SWITCH	ON
DMX ADDR	001
DMX MODE	GEL 4CH
DMX LOS	0 S
DMX SMOOTH	SMOOTH
STUDIO MODE	ON
LANGUAGE	ENG
FIRMWARE VERSION	1.0.25
INFINITY RESET	ON
RESET ALL SETTINGS	
OUTPUT MODE	CL
EXIT	

Three ways to exit the menu

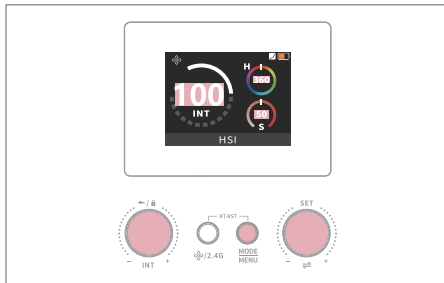
1. Short press ◀ the INT knob.
2. Short press the MODE button.
3. Select EXIT and short press the SET knob.

CCT



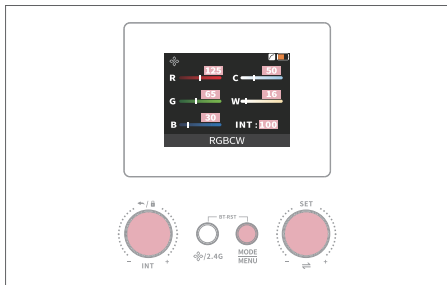
Short press the **MODE** button to switch to CCT mode. This will allow you to short press the **SET** knob to toggle between parameters and rotate it to adjust color temperature from 2500K~10000K / GM value from -50~+50; or turn the **INT** knob to adjust brightness within the range of 0%~100% ($\pm 1\%$).

HSI



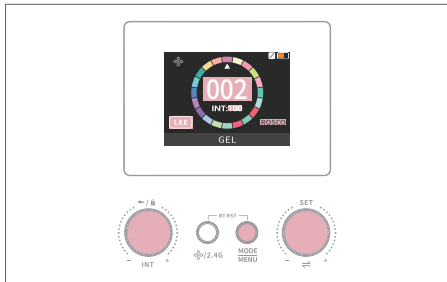
Short press the **MODE** button to switch to HSI mode. Short press the **SET** knob to toggle between parameters and rotate it to adjust hue from 0~360° / saturation from 0%~100%; or turn the **INT** knob to adjust brightness within the range of 0%~100% ($\pm 1\%$).

RGBCW



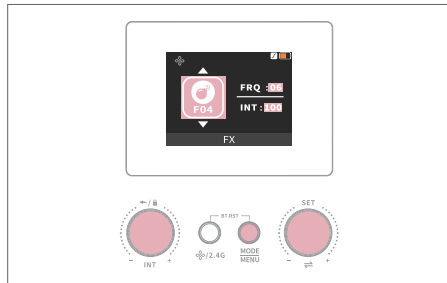
Short press the **MODE** button to switch to **RGBCW** mode. Short press the **SET** knob to toggle between parameters and rotate it to adjust R\G\B\C\W values (0~255); or turn the **INT** knob to adjust brightness within the range of 0%~100% ($\pm 1\%$).

GEL



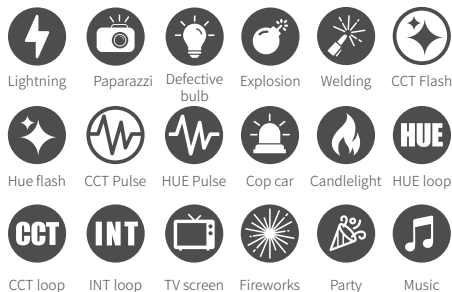
Short press the **MODE** button to switch to **GEL** mode. Short press the **SET** knob to toggle between parameters and rotate it to select colors from LEE (20 built-in gel colors) and ROSCO (20 built-in gel colors); or turn the **INT** knob to adjust brightness within the range of 0%~100% ($\pm 1\%$).

FX

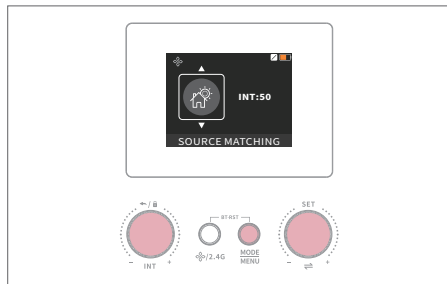


Short press the **MODE** button to switch to **FX** mode. Short press the **SET** knob to switch between parameters and rotate it to select one of the lighting modes / speeds; or turn the **INT** knob to adjust brightness within the range of 0%~100% ($\pm 1\%$).

Scene modes



SOURCE MATCHING



Short press the **MODE** button to switch to **SOURCE MATCHING** mode. Short press the **SET** knob to choose from 17 light sources; or turn the **INT** knob to adjust brightness within the range of 0%~100% ($\pm 1\%$).

Light Source Modes



Sunrise/Sunset
1800K



Candlelight
1900K



Dawn
5000K



Daytime
5500K



Daylight
6500K



Cloudy
7000K



Moonlight
8000K



Blue Sky
10000K



Incandescent
Lamp
3200K



Video
Lamp
3300K



Modeling
Lamp
3400K



5600 Dy
sprosium Lamp
5600K



Daylight
Dysprosium Lamp
6000K



Sodium-Vapor
Lamp
2200K



Warm White
Halogen Lamp
2700K

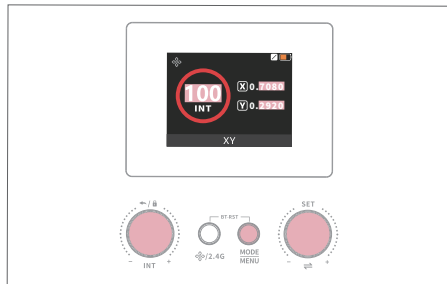


White
Halogen Lamp
4300K



Xenon
Short-Arc Lamp
6200K

XY



Short press the **MODE** button to switch to **XY** mode. Short press the **SET** knob to switch between parameters and swiftly rotate it to quickly adjust the X/Y values (0.0000~0.8000); or turn the **INT** knob to adjust brightness within the range of 0%~100% ($\pm 1\%$).

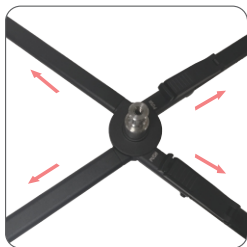
Setup Instructions



- ① Use the electric air pump to fully inflate the transparent air cushion.



- ② Once inflated, zip up the opening to seal the air cushion.



- ③ Fully unfold the collapsible bracket.



- ④ Mount the bracket onto the light.



- ⑤ Press the locking latch to lock the bracket in place.

Setup Instructions



- ⑥ Install the adapter mount on the light stand, and then connect and secure the bracket in place.



- ⑦ Attach the controller to the light stand.

※ The super clamp and light stand illustrated in the picture are sold separately.

Setup Instructions

EN



- ⑧ Connect the controller to a power supply.

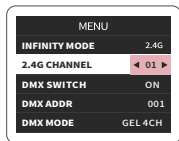


- ⑨ Installation completed.

● Channel Settings

—2.4G Connection—

Long press the **MENU** button to enter the menu interface. Rotate the **SET** knob and stop at **INFINITY MODE**. Then press the **SET** button and turn it again to select **2.4G**. Finally, short press the **SET** button one more time to activate the channel.



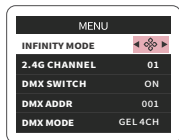
Rotate the **SET** knob to select **2.4G CHANNEL**, press the **SET** button to set the channel value, and press it again to confirm.

※ In 2.4G mode, if multiple LED lights are set to the same channel (e.g., CH: 08), adjusting one light will cause the others to change synchronously.

● Mobile APP Control

—Infinity Connection—

Long press the **MENU** button to enter the menu interface. Rotate the **SET** knob and stop at **INFINITY MODE**. Then press the **SET** button and turn it again to select **∞**. Finally, press the **SET** button one more time to switch to Infinity mode.

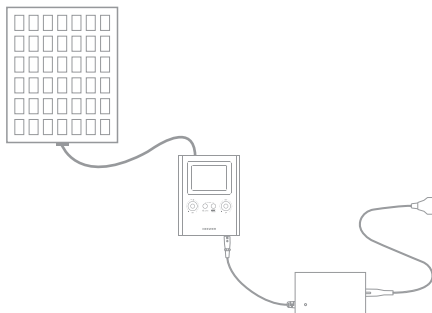


Connect the device to the 'NEEWER' app to control it on your phone. To access more detailed instructions, please scan the QR code on the APP Guide Card.

※ Please reset Infinity mode before connecting to the APP. Long press Infinity/2.4G selection button and MODE/MENU button, or select INFINITY RESET in the MENU, which will reset this mode.

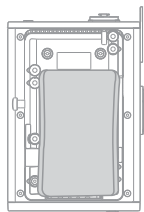
Method 1: Power Supply Using an Adapter

Insert the connection cable from the LED light into the DC out port on the control box. Then, plug the cable from the power adapter into the box's power input. Connect it with the AC cable and plug into a socket. Long press the power button until the icon '🔌' appears on the screen.



Method 2: Power Supply Using a V-Mount Battery

Align the V-mount battery with the 5-pin base on the back of the control box and slot into the support. Long press the power button until the icon '🔋' appears on the screen.



DMX:001
CCT&RGB 8CH

DMX CONNECTED

● DMX Connection (when connecting to a console)

Long press the MENU button to enter the MENU interface. Select the **DMX SWITCH** option and set it to **ON**. Connect the DMX cable as shown in the left diagram to connect to the DMX console.

● DMX Channel Adjustment (when connected to a console)

- ③ When the DMX connection interface is displayed, simply rotate the **SET** knob to adjust the channel.
- ③ Long press the MENU button to enter the MENU interface. Select the **DMX ADDR** option to adjust the channel.

● Disconnecting from the DMX console

- ③ Unplug the cable connecting the DMX console and the light.
- ③ Long press **MENU** Button to enter the **MENU** interface and set the DMX status as "OFF".

● Channel Selection:

When DMX is activated, you can connect to the console. Set the console on a matching DMX channel, and it will allow you to perform various function modifications. This setup is suitable for connecting one or multiple consoles.

*In DMX mode, the control channel is 1 by default.

*In DMX mode, the available channels are 1-512.

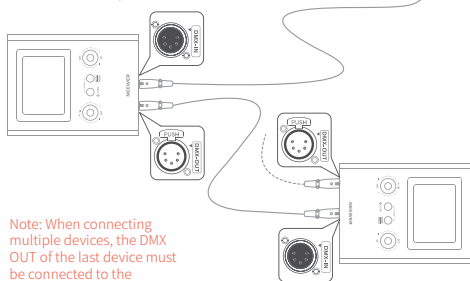
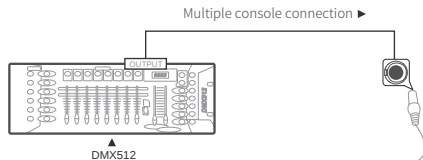
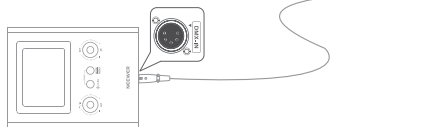
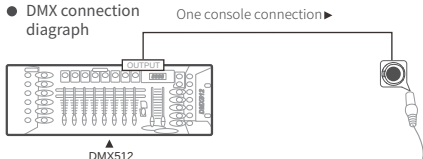
*If the DMX signal is lost, the light will recall the last signal used.

● DMX console control:

※ In DMX mode, please refer to the "FL100C DMX Channel Table" appendix for related control schemes.

1. Connect the DMX cable to DMX console.
2. Connect the DMX cable to light.

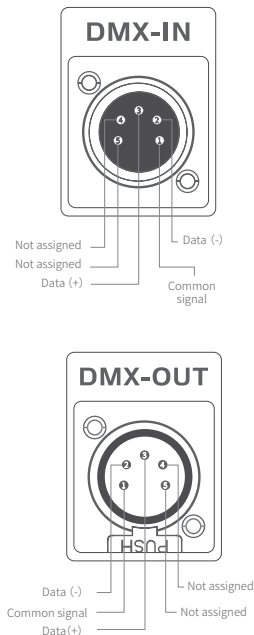
● DMX connection diagram



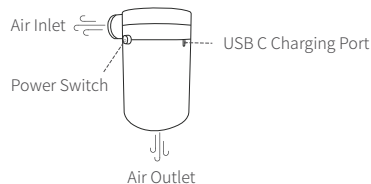
Note: When connecting multiple devices, the DMX OUT of the last device must be connected to the standard DMX terminator.

- When purchasing DMX cables from a third party, please check the interface protocol and make sure it is compatible with the light.

DMX interface protocol is shown below:

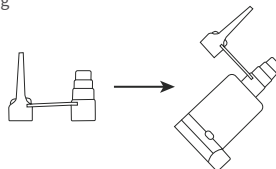


- How to Use the Electric Air Pump

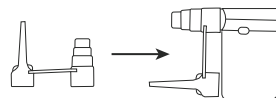


- Select the appropriate nozzle according to the valve of the item to be inflated.
- Push the toggle switch to "ON" to start inflating and to "OFF" to stop.

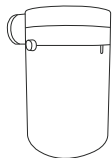
Inflating



Deflating



③ Notes



1. Please ensure that a power adapter that complies with the GB47061-2005 standard is used.
2. This product should be operated in an environment with a temperature between -10°C and 40°C.
3. Do not use continuously for more than 5 minutes; allow at least 10 minutes for cooling.
4. Avoid exposure to direct sunlight or high-temperature environments, and prevent contact with water or other liquids to avoid short circuits.
5. Keep away from harsh environments, as adverse effects on the product may jeopardize your safety.
6. If foreign objects or excessive heat are detected during inflation, stop using immediately.
7. Always ensure the air inlet and outlet are free from debris and obstructions.

④ Safety & Maintenance Instructions

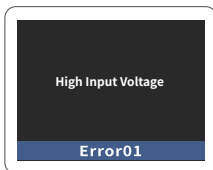
1. Children should not be left unattended with the product.
2. Do not expose the product to high temperatures or heat sources (e.g., direct sunlight, heaters, microwaves, ovens) where temperatures exceed 40°C, as overheating the battery may cause danger.
3. Do not insert hands into the air inlet or outlet. Keep the vents free.
4. Do not use the charger in damp environments. Do not plug or unplug the charger with wet hands.
5. Dispose of this device, battery, and accessories in accordance with local regulations. Do not treat them as household waste. Improper disposal of the battery may cause an explosion.
6. Do not store the battery in a fully discharged state for extended periods.

7. It is recommended that lithium battery products are charged at least once a month during storage.
8. The air pump requires no regular maintenance and contains no user-serviceable parts.
9. Recharge the battery after use to prolong its lifespan.
10. Store in a dry place.

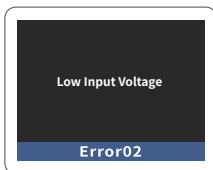
Caution

1. Avoid staring directly at the lights to prevent harm to your vision.
2. Ensure efficient heat dissipation by not covering the vents with fabric materials or other objects.
3. Refrain from touching the product with wet hands, as it may damage the circuit panel.
4. Never disassemble the product or attempt to modify the circuit panel.
5. Keep the product away from direct sunlight to prevent potential damage.
6. Always disconnect the power cord when the product is not in use.
7. After use, allow the product to cool off before storing it in a bag to avoid heat-related damage to the LEDs.

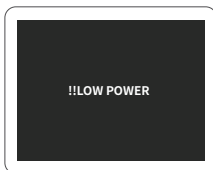
- High-voltage Protection



- Low-voltage Protection



- Low Battery Warning



Model	FL100C
LED Qty	768 PCS
Power	115W
Color Rendering Index	CRI:≥96 TLCI≥97
Color Temperature	2500K~10000K, in 100K Increments
Brightness Range	0%~100%, in 1% Increments
Hue Range	0~360°
Saturation	0%~100%
GM	-50~+50
Scene Effects	18
Light Source Modes	17
R/G/B/C/W	0~255
Color Gels	ROSCO (20 Types), LEE (20 Types)
X/Y	0.0000~0.8000
Power Supply	19.5V from Adapter; 14.8V/26V from V-Mount Battery
Control Methods	APP/2.4G/Control Panel/DMX
Operating Temperature	-10°C~40°C
Lamp Dimensions (Including the Softbox)	530×440×195mm
Lamp Weight (Including the Softbox)	2.0Kg

Illuminance :

Color Temperature	Light Source		Airbag	
	0.5m	1m	0.5m	1m
2700	10800 Lx	3020 Lx	4390 Lx	1340 Lx
3200	12900 Lx	3610 Lx	5270 Lx	1610 Lx
4400	14700 Lx	4070 Lx	3010 Lx	1840 Lx
5600	15100 Lx	4180 Lx	6190 Lx	1900 Lx
6500	15000 Lx	4150 Lx	6140 Lx	1870 Lx
7500	14900 Lx	4100 Lx	6120 Lx	1860 Lx
8500	14700 Lx	4060 Lx	6020 Lx	1850 Lx
10000	14400 Lx	4000 Lx	5970 Lx	1830 Lx