

Product Overview

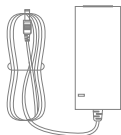
Thank you for purchasing the TL120C multifunctional stick light!

The TL120C stick light is an innovative product that offers a good selection of colors and over 25 special effects, including 18 scene effects and 7 pixel effects. The device can be easily controlled via APP, directly through the control panel, 2.4G, and DMX professional lighting control, catering to the needs of both professional and amateur users. Whether you're an experienced user or a novice, you can easily adjust the lighting to your preference using any of the multiple control methods available. With its versatility and user-friendly design, the TL120C stick light is a must-have tool for any lighting enthusiast.

Package Contents



TL120C Stick Light ×1



Charger ×1



Power Cord ×1



Steel Wire ×2



Power Supply Clamp ×2

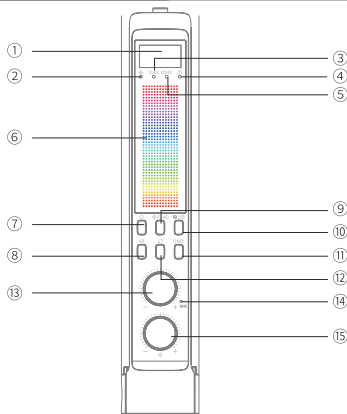


DMX Cable ×1



Storage Bag ×1

Product Illustration



※ Long press the "*/2.4G" button for 5 seconds to reset the Infinity connection.

- ① Screen
- ② Infinity Connection Indicator Light
- ③ 2.4G Connection Indicator Light
- ④ Touchpad Lock Status Indicator Light
- ⑤ DMX Connection Indicator Light
- ⑥ Color Touchpad
- ⑦ Power On/Off Button
- ⑧ Mode Switch Button
- ⑨ Wireless Connection Switch Button
- ⑩ Curve Adjustment Key/Unlock Hue Touch Bar/Lock
- ⑪ DMX Channel Adjustment Button
- ⑫ Mode Settings Switch Button
- ⑬ Mode Settings Value Adjustment Dial
- ⑭ Microphone Port
- ⑮ Brightness Adjustment Dial



⑯ 1/4" Screw Hole



⑰ DMX Output Socket



⑱ DMX Input Socket

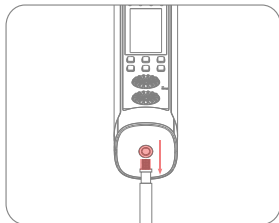
⑰ 1/4" Screw Hole

⑱ DMX Output Socket

⑱ DMX Input Socket

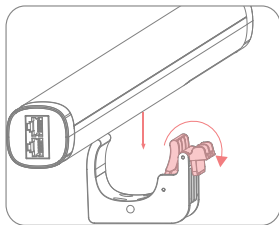
Installation

1. Installing on a stand

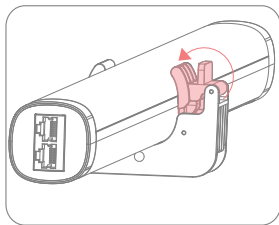


Twist the 1/4" threaded screw located on the top of the stand into the 1/4" screw hole found at the bottom of the light.

2. Installing with the power supply clamp

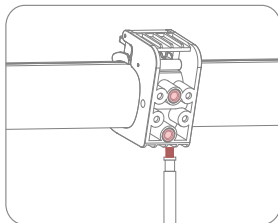


① To insert the light body into the supporting bracket, first open the latch by pulling it outward in the direction of the arrow.



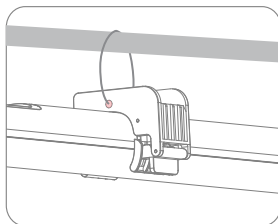
② Reposition the latch of the support bracket inward (in the direction of the arrow) to secure the light body.

Installation



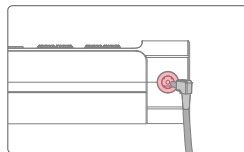
③ Take the 1/4" screw bolt located at the top of the stand and insert it into the screw hole situated at the bottom of the power supply clamp. Secure the bolt by twisting it into place.

3. Using the steel wire



Adapt the use of the steel wire to your specific needs when using the light.

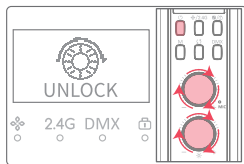
How to Use



• Charging

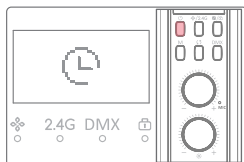
To begin charging, connect the power cord to the DC socket. While charging, the screen will display a charging icon "|||||" to indicate the progress of the charging process. Once the battery is fully charged, the screen will display a full battery icon and remain on.

How to Use



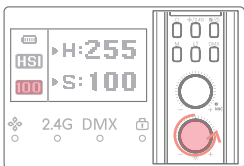
• Powering On/Off

To turn the light on using the DC power supply or the built-in lithium battery, press and hold the "⏻" button for 1 second. The display will show "UNLOCK". Then, rotate any knob three times to activate the light. While the light is powered on, press and hold the "⏻" button for 1 second to switch off the light.



• Standby

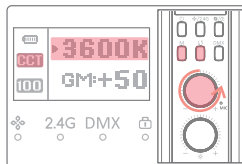
When the light is powered on, short press the ON/OFF button "⏻" to enter standby mode. Press again to exit this mode.



• Brightness Adjustment

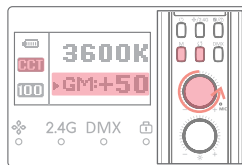
In any mode, rotate the brightness adjustment knob to adjust the brightness.

How to Use



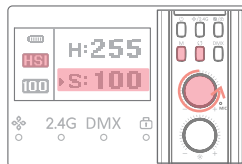
• Color Temperature Adjustment

Short press the "M" button until the screen displays "CCT" to switch to color temperature mode. Short press the "↵" button until the screen selects the "00K" option, then rotate the settings value adjustment knob to set the color temperature value.



• Red/Green Compensation Adjustment

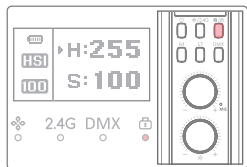
Short press the "M" button until the screen displays "CCT" to switch to color temperature mode. Short press the "↵" button until the screen selects the "GM" option, then rotate the setting value adjustment.



• Saturation Adjustment

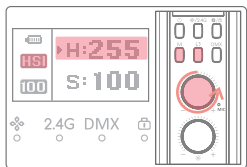
Short press the "M" button until the screen displays "HSI" and switches to HSI mode. Then, short press the "↵" button until the "S" option is selected on the screen. Finally, rotate the settings value adjustment dial to set the saturation.

How to Use



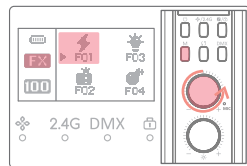
- Hue Adjustment (with touch panel)

Short press the "M" button in any mode, and the "H" indicator light will not light up. Then, adjust the hue by sliding your finger on the touch panel. Short press the "M" button again, and the "H" indicator light will light up. The touch panel is now locked and disabled.



- Hue Adjustment (with button)

Short press the "M" button until the screen displays "HSI" and switches to RGB mode. Then, short press the "M" button until the "H" option is selected on the screen. Finally, rotate the settings value adjustment dial until the screen displays the hue.

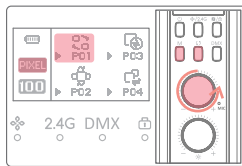


- Scene Adjustment

Short press the "M" button until the screen displays "FX" and switches to scene mode. Then, rotate the settings value adjustment dial until the screen switches to a different scene.

How to Use

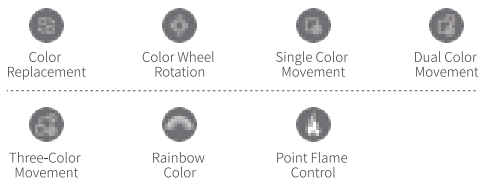
Scene modes



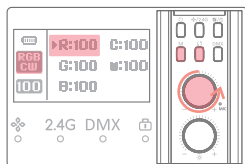
- Pixel Effect Adjustment

Short press the "M" button until the screen displays "PIXEL" and switches to pixel effect mode. Then, short press the "M" button or rotate the settings value adjustment dial until the desired effect is displayed on the screen.

※In pixel effect mode, you can scan the QR code to download the app and adjust the specific setting for the selected effect.

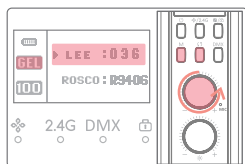


How to Use



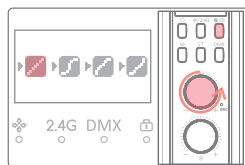
• RGBCW Mode

Short press the "M" button until the screen displays "RGBCW" and switches to RGBCW mode. Then, short press the "↵" button until the setting is selected on the screen. Finally, rotate the value adjustment dial to set.



• Gel Adjustment

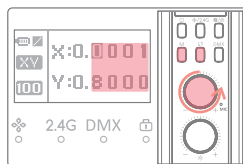
Short press the "M" button until the screen displays "GEL" and switches to gel mode. Then, short press the "↵" button until the setting is selected on the screen. Finally, rotate the dial to set the value.



• Curve Adjustment

Long press the "⏏/⏏" button until the screen displays the curve adjustment interface, then use the settings dial to adjust the curve.

How to Use

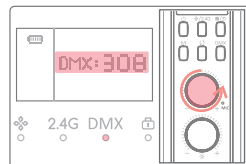


• XY Coordinate Mode

Short press the "M" button until the screen switches to XY coordinate mode. Short press the "↵" button to select the XY decimal point option, then use the settings dial to set the value.

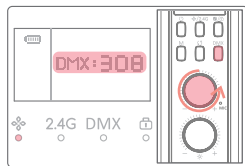
※XY Value Range (0.0001~0.8000).

EN



• DMX Connection (Connected to a console)

When the light stick is connected to a console, the "DMX" indicator lights up, indicating that it is in DMX mode. Rotate the settings value adjustment dial to adjust the DMX channel.



• DMX Channel Adjustment (Not connected to a console)

When connected to Infinity or 2.4G, short press the "DMX" button to enter the DMX channel adjustment interface. Then, rotate the settings value adjustment dial to configure the DMX channel.

How to Use

※ Short press the "DMX" or "M" button to exit the DMX adjustment interface.

Channel Selection

When the channel number of DMX console and that of DMX control box are the same, you can use the console to adjust various functions. This is suitable for one light or multiple light connection.

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

* In DMX mode, the channel range can be set to 1-512.

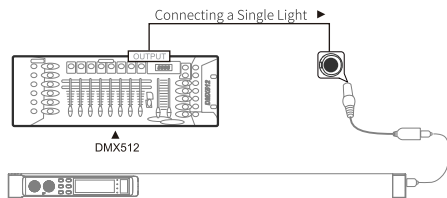
* After the DMX signal is lost, the last signal will be remembered and can be used to control the lights.

DMX Console Control

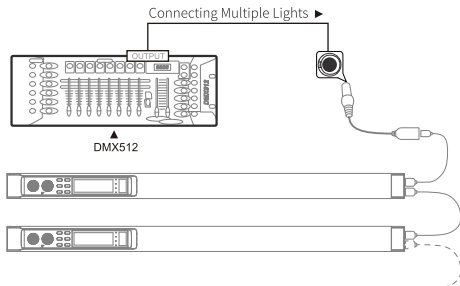
※ In DMX mode, please refer to the "TL60 RGB DMX Channel Table" in the appendix for relevant control schemes.

1. Connect the DMX cable to the light.
2. Connect the XLR to RJ45 adapter cable to the DMX cable.
3. Connect the DMX standard console to the light.

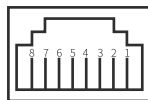
※ The XLR to RJ45 adapter cable and DMX console are not included in the package.



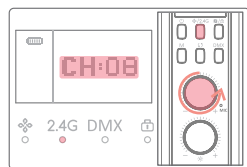
How to Use



To ensure compatibility with the lights, please check the DMX interface definition of the XLR to RJ45 adapter cable before purchase, as shown in the diagram.



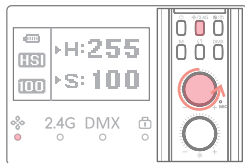
PIN1: Data (+)
PIN2: Data (-)
PIN7: Ground
PIN8: Ground



- **Connecting via 2.4G**
Short press the "2.4G" button until the indicator light "2.4G" lights up to enter the 2.4G connection mode. Press and hold the "2.4G" button for 1 second until the screen displays "CH", then rotate the settings value adjustment dial to set the channel value.

※ In 2.4G mode, you can set multiple LED lights to the same channel (CH8 for example). When you adjust one LED light, the other lights sharing the same channel will also change in sync.

How to Use



- Connecting via the Infinity Connection Mode

Short press the "2.4G" button until the indicator light "2.4G" lights up to enter Infinity connection mode. If you want to control the device via your phone, you need to connect the device from the "NEEWER" APP. For further guidance, please scan the QR code on the APP prompt card and refer to the "APP Guide" page.

※ Before connecting via the APP, please reset the Infinity connection.

To do so, simply press and hold the middle button on the dial

"2.4G" for 5 seconds.

Important Notes

1. DO NOT place the product in an environment with a temperature higher than 40°C.
2. DO NOT drop the product on the ground, subject it to collisions, or strong impact.
3. DO NOT stare directly at the light when using it, as direct light can cause visual impairment.
4. DO NOT use the product in a dusty or humid environment.
5. DO NOT modify the circuit board or disassemble the product without authorization.
6. Please unplug the power cord when not in use.
7. If not used for a long time, store the product in a well-ventilated, dry area, away from heat and magnetic fields.

Specifications

Model	TL120C
Rated Power	42W
Color Rendering Index (CRI)	97
TLCI	98
Maximum Illuminance	5600K@0.5M(2000Lux)
Color Temperature Adjustment	2500K~10000K
Brightness Adjustment	0%-100% (in increments of 1%)
Color Tone Adjustment	0~360°
Saturation Adjustment	0~100
Red/Green Compensation Range	-50~+50
Number of Scenes	18 Types
R/G/B/C/W	0~255
Pixel Effects	7 Types
Color Gels	RESCO (20 color gels), LEE (20 color gels)
Power Supply	DC Power/Lithium Battery
Built-in Battery	14.4V/6000mAh/86.4Wh
Battery Life	Approx. 2 hours at 100% brightness
Control Methods	APP, Control Panel, 2.4G, DMX Control
Charging Time	Approx. 2.5 hours
DC Input	DC 20V/5A
Operating Temperature	-10°C~40°C
Frequency Range	2402MHz ~ 2480MHz
Maximum radio-frequency power	0.79dBm