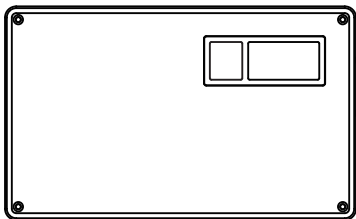




RGB PHOTOGRAPHIC LIGHT TC120AC-RGB INSTRUCTION MANUAL



※ Thank you for your purchasing from us!

SHENZHEN TEYELEEC TECHNOLOGY CO., LTD
Add: Room 303, BLD 72, Yang Tai New Village, ChiLingTou, DaLang
Street, LongHua District, Shenzhen, GuangDong, China. 518109
Email: info@teyeleec.com
Web: www.teyeleec.com

Introduction

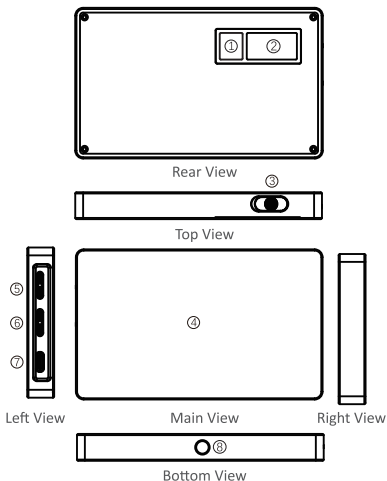
- The TC120AC-RGB is a new generation of all-aluminum body RGB photography light with exquisite and compact design and easy operation.
- With 360 colors and 100-level saturation adjustment and dual-color temperature lamp beads, the RGB fill light offers various colors and scenes.
- The RGB fill light applies high-quality, high-lumen, high-display LED lamp beads to make soft and even light and more realistic colors.
- Also, this light provides 12 commonly light effect scene mode simulations. With built-in high-capacity and lithium battery guarantees the long battery life.
- The multi-functional, multi-purpose photography light is the essential shooting equipment for live podcast, video, interview, portraits, weddings, macros, creations.

Features

- CNC Aluminum Alloy Body: Made of premium aluminium alloy housing, it's more durable and anti-corrosive, also performs great in terms of heat dissipation. With the help of CNC production, it has a delicate and attractive appearance, and good hand feeling just like holding a smart phone in your hand.
- Use 120pcs high light efficiency beads, 66pcs RGB LEDs and 54pcs Cold&Warm light LEDs.
- Light-weighted and quite portable, mini size, thin body, convenient to carry, definitely worth the name of pocket light.
- The Color Rendering Index CRI and TLCI reach higher 97+, shows the real products color effect.
- Wide range color temperature adjustment from 2500K to 8500K.
- 0%~100% adjusted brightness, Large color temperature range: 2500K-8500K. 0-360 full color.
- Adopts OLED display screen, accurate dimmer. Built-in rechargeable lithium battery, low power consumption .
- Extendable and portable: Creative cold shoe design and two 1/4 screw holes makes it extendable and multifunctional. You can add accessories

like microphone on it using the cold shoe also you can add this light on your camera, Camcorder or other accessories like tripod with the help of 1/4 screw holes. Pocket size makes it portable so you can take it and use it at anytime and anywhere.

Components



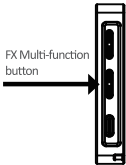
- | | | |
|------------------------------|---------------|----------------|
| ① Color Gamut comparison bar | ② OLED Screen | ③ Power Switch |
| ④ Light board | ⑤ DIM Switch | ⑥ DIM Switch |
| ⑦ USB-C Charging port | ⑧ 1/4" Screw | |

Parameter

Model	TC120AC-RGB	Color temperature range	2500~8500k°
Power	8W	Lux	980LUX(0.5M)
Connector	USB-C 5V 2A	Utility time	130 minutes
Battery capacity	3.85V 4400mAh	LED life time	50000 hours
Adjustable range	0~100	Material	Aviation aluminum
RGB color gamut	0~360° Full color	Heat dissipation	Metal heat dissipation
Color rendering index	>97	Size	119*72.5*13mm
TLCI:	>97	Weight	180g


Operation

(1) Mode Button




FX Multi-function button


There are 3 menu interfaces under the FX key. Each long press switches one interface and cycles in turn.




FX
100%
A
B



FX
100%
A
B



HSI
100%
H: 22
S: 19



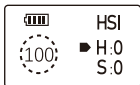
CCT
100%
8500K

FX Scene Interface

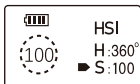
HSI Color Interface

CCT Interface

(2) HSI Color Interface

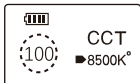


1. Long press the FX multi-function button to switch the color gamut and saturation function interface.
2. Dial FX multi-function button to cycle the color gamut degrees from 0-360.



1. Short press the FX multi-function button to switch the color gamut and saturation features.
2. Dial FX multi-function button to adjust the color saturation from 0 to 100%.

(3) CCT Mode Interface



Long press FX multi-function button can switch to CCT mode menu. Dial FX multi-function button adjust the color temperature of 2500-8500 degree freely.

(4) Brightness Adjustment



Scrolling the DIM switch to adjust brightness from 0-100%

(5) Percentage Icon




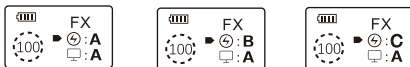
Display the brightness in current mode

(6) FX Multi-function Button





1. In any mode, long press FX multi-function button can cycle the functions in any mode. (Eg: press FX multi-function button can switch to lighting mode, scene light effect mode, RGB colorful mode or special car mode in FX scene interface.



2. Scroll the FX button to select the A/B/C special effects in the mode, each group has 3 modes. (As shown in the picture below,  in the lighting mode, scroll the FN key to select the type of A/B/C special effects)



In any mode, scroll the FN knob to cycle through 12 lighting effects.

	<p>Flash Mode A: Lightning 1 B: Lightning C: Flash</p>
	<p>Scene Light Effect Mode A: Candlelight simulation B: Screen simulation C: Breathing effect</p>
	<p>RGB Colorful Mode A: Slow RGB B: Fast RGB C: Flash RGB</p>
	<p>Special Car Mode A: Police car B: Ambulance C: Fire truck</p>

Charging



While charging, the screen displays the icon. The battery icon flashes to indicate the charging status.

Battery Icon



Each grid represents 25% of electricity, when the last grid is used up, the battery symbol will flash as a warning. The lights will shut off after 5 minutes.

Power Switch



Turn on/off the power.

Precautions

- Do not shine the LED directly at people's eyes at short distances. This can cause short-term vision issues. Use at distances of at least 1m from subject - or use a reflector/diffuser to soften the light.
- Do not place the LED close to alcohol or flammable objects.
- Do not place liquids on or near the LED. The product is not water, splash or dust resistant.
- Use a soft cloth and neutral cleaner to clean the LED light.
- Do not use strong cleaning agents or solvents such as thinner gasoline or alcohol to clean the LED light.
- Do not store the LED at temperatures of +40C as high temperatures may damage the product components.
- Do not use the LED in outdoors in direct sunlight for an extended period of time to prevent the product from overheating and possible damage.
- Because of the built-in Li-Polymer battery - do not disassemble, crush or incinerate.
- Please use the specified charger within the specified voltage and temperature range.
- To keep the battery in proper working order use the product and charge the battery at least once per month.
- If left unused for a long period of time recharge before using.
- Li-Polymer battery cells lose capacity over a product's lifetime. Performance will be reduced.