



RGB PHOTOGRAPHIC LIGHT TC97A-RGB INSTRUCTION MANUAL



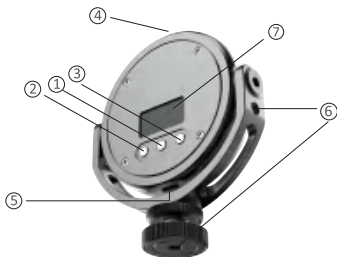
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Features

- With unique round shape, make this light one of a kind in the world. It is a multi-purpose fill light for photography, film shoots and creative editing
- Exquisitely designed light and emergency power supply with multi functional RGB displays: TC97A video light can be regarded as an emergency mobile power supply power bank
- Equipped with high performance LEDs, with extended lifespan, 33pcs warm lights LED beads, 33pcs cold light LED beads, 31pcs RED, GREEN and BLUE light beads, total 97pcs LEDs allow various color modes and intensity's to be easily adjusted using rotary side switch.
- High-definition OLED display allowing the output parameters to be easily displayed
- Output range for color temperature (2500K to 8500K), and fine brightness adjustment from 0% to 100% with 9 scene mode simulations
- Build-in 2800mAh Li-polymer battery with mobile power function to provide charging
- Advanced constant current technology, stable and energy-saving; Border-less design provides bigger exposure range and no black edges
- Slim ergonomic design allows the unit to be held in one hand or carried in a pocket
- Double universal 1/4 screw hole allows the units to be used with handle, tripod or pan/tilt, flexible installation
- With magnetic coin design at the bottom, it can stick to any metal material, in addition, it can also use a lanyard and hang on the tree as outdoor lights.

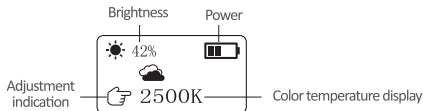
Components



- ① **Power switch:** A long press of the power switch to turn on. The unit will go into standby after 20 seconds and will shut down if not in use.
Menu switch button: Press the button to switch the color temperature mode menu, HSI full color mode menu, scenemode menu
- ② **Brightness adjustment wheel:** Brightness adjustment range 0%-100%
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- ④ **Multi-function dial:** press the middle button to select the function in each mode and toggle up and down to adjust the parameters under the current function
- ⑤ **Mobile power interface:** Charge the device through the Type-C interface which will automatically detect and display the discharge identification: Discharging current(maximum power 18W)5V/3.1A; 9V/2A; 12V/1.5A
When the discharge current is very low, TC97A-RGB will automatically shut down.
Type-C charging interface: When charging, the screen displays charging status, and the battery icon corresponds to the power level. (full power = stops flashing). The maximum input is 5V 2A

- ⑥ **Universal 1/4 screw hole:** can be used with tripod , lamp holder , extension pole , pan/tilt , etc
- ⑦ **OLED display:**

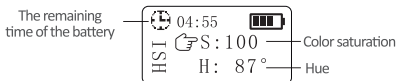
Operation



Color temperature mode menu:

Brightness adjustment: Turn the brightness adjustment knob to adjust the brightness settings from 0%~100%

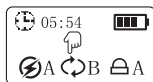
Color temperature adjustment: Toggle the multi-function dial to adjust the color temperature, push up to reduce the color temperature, and push down to increase the color temperature, the adjustment range is 2500K-8500K



HSI full color mode menu:

Brightness adjustment: Turn the brightness adjustment knob to adjust the brightness settings from 0%~100%

Multi-function dial: press the middle button to switch between S saturation and H color adjustment Up and down toggle can adjust the S saturation or H tone parameters S adjustment range 0-100 and H adjustment range 0-360°



Profile mode menu:

Brightness adjustment: Turn the brightness adjustment knob to adjust the brightness settings from 0%~100%

Multi-function dial: Press the middle button to switch the effect mode up and down to select the A / B / C special effects type.

(1) Flash mode

- A: Lightning 1
- B: Lightning 2
- C: SOS

(2) Cycle mode

- A: RGB fast mixed light
- B: RGB water light
- C: cold and warm light mixing

(3) Warning modes available

- A: red and blue flashing
- B: red and green flashing
- C: blue and green flashing

Parameter

- LED: 97PCS
- Battery: 2800mAh Li-Polymer battery
- Illumination: 1520 lux (0.5m)
- Color temperature: 2500K-8500K
- Light-emitting angle: 360°
- Color rendering: CRI≥96
- Brightness adjustment: 0%-100%
- Input: 5V/2A
- Charging: Type-C 5V/3.1A, 9V/2A, 12V/1.5A 18W(Max)
- Working Voltage: 2.8V-4.2V
- Run-time: 2 hours under 100% brightness, 47 hours under 5% brightness
- Digital screen: OLED
- Material and finish: high-strength aluminum + type HAIII hard-anodized anti-abrasive finish
- Net Weight: 160g±10g
- Size: 100*86*17mm

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.

FC RoHS CE  

Made in China

T-EM-TC97A-RGB-V1.0