VILTROX VL-500T 3 Packs Kit

VILTROX VL-500T 3 Packs Kit User Manual

10-Inch Bi-Color 2000LM LED Studio Round Light Kit
Brand: VILTROX | Model: VL-500T 3 Packs Kit

1. INTRODUCTION

The VILTROX VL-500T 3 Packs Kit is an ultra-bright, bi-color LED edge light system designed for professional photography and video shooting. It features a unique honeycomb design for soft brightness and accurate color temperature, making it ideal for various specialized uses including child photography, portraits, and video shoots. The kit offers adjustable brightness and color temperature, along with flexible power supply options for both indoor and outdoor use.

2. WHAT'S IN THE BOX

Your VILTROX VL-500T 3 Packs Kit includes the following components:

- (3) x 10-inch LED Round Lights
- (3) x 26-75 inch Light Stands
- (3) x Hot Shoe Adapters
- (3) x Light Power AC Adapters
- (1) x Carrying Bag

Figure 2.1: All components included in the VILTROX VL-500T 3 Packs Kit, showing three round LED lights, three light stands, and a carrying bag.

Figure 2.2: The VILTROX VL-500T 3 Packs Kit laid out, including the three LED lights, stands, and individual power AC adapters.

3. FEATURES

- **Ultra-Bright, Bi-Color LED Edge Lights:** Adopts the newest LED honeycomb design, providing soft brightness and accurate color temperature.
- **Adjustable Color Temperature:** Features 3300K-5600K Tungsten / Daylight color temperature, allowing matching with other lights, ambient lighting, or creative color effects.
- **Dimmer Control:** Brightness is adjustable from 20% to 100% via dedicated control dials.
- **High Color Rendering Index (CRI):** CRI of ≥95(RA)+ ensures accurate color reproduction.
- **Dual Power Supply Modes:** Can be powered by NP-F series Lithium batteries for outdoor use or by the included AC power adapter for indoor use.
- **LCD Digital Display:** Shows battery capacity, brightness, and color temperature for precise control.
- **Lightweight and Portable:** Designed for easy transport and setup.

Ultra High CRI 95+

Restore the ture color of objects being pictured perfectly, have a more real, natural color for video lighting.

◉ **RI 100 of sunlight as the base.**

CRI 70   **CRI 95**   **Sunlight (CRI 100)**

Figure 3.1: Demonstration of Ultra High CRI 95+ for accurate color reproduction, showing comparison with lower CRI values.

Adjustment of Brightness & Color Temperature

140pcs SMD lamps bulbs with low consumption and long lifespan

Bi-color LED Video Light

Figure 3.2: Visual representation of adjustable brightness and color temperature (5600K, 4500K, 3300K) effects on a subject.

The way of power-up and battery install

❶ Lithium battery when outdoor use

❷ AC adapter when indoor use

Battery compartment

DC supply socket

Lightweight   Portable

Figure 3.3: Rear view of the light unit, highlighting the battery compartment for NP-F series Lithium batteries and the DC supply socket for AC adapter use.

Figure 3.4: The included carrying bag, demonstrating the portability of the VILTROX VL-500T kit.

4. Setup

1. **Assemble the Light Stand:** Extend the legs of the light stand to form a stable base. Adjust the height to your desired level using the locking knobs.

2. **Attach the Light Unit:** Securely mount the 10-inch LED round light onto the top of the light stand using the integrated mounting bracket and hot shoe adapter. Ensure it is tightened to prevent wobbling.

3. **Power Connection:**

- **AC Power:** Connect the provided AC power adapter to the DC supply socket on the back of the light unit, then plug the adapter into a standard wall outlet.
- **Battery Power:** If using NP-F series Lithium batteries (not included), insert a charged battery into the battery compartment on the back of the light unit.

4. **Positioning:** Place the assembled light kit in your desired location for optimal lighting. The round design provides a soft, even light distribution.

Figure 4.1: Example setup for microfilm or portrait shooting, demonstrating the placement of two lights for effective illumination.

VILTROX VL-500T 10" Inch LED Round Edge Flapjack Light

With NP-F550 Battery/Charger/ AC Adapter

Figure 4.2: A single VILTROX VL-500T light set up for a portrait, showing its compact size and ease of positioning.

5. OPERATING INSTRUCTIONS

1. **Power On/Off:** Locate the ON/OFF switch on the back of the light unit and toggle it to the 'ON' position to power on the light. Toggle to 'OFF' to power it down.

2. **Adjust Brightness:** Use the dimmer control dial (typically a rotary knob) on the back of the light to adjust the brightness from 20% to 100%. Turn clockwise to increase brightness, counter-clockwise to decrease.

3. **Adjust Color Temperature:** Use the color temperature control dial (another rotary knob) to change the color temperature between 3300K (warm, tungsten-like) and 5600K (cool, daylight-like).

4. **Monitor Settings:** The LCD digital display on the back of the light will show the current brightness percentage, color temperature (in Kelvin), and battery capacity (if using battery power).

The way of power-up and battery install

❶ Lithium battery when outdoor use

❷ AC adapter when indoor use

Battery compartment

DC supply socket

Lightweight

Portable

Figure 5.1: Close-up of the light's rear panel, showing the ON/OFF switch, dimmer and color temperature control dials, and the LCD display.

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Video 5.1: Official product video demonstrating the VILTROX VL-500T Bi-Color LED FlapJack Studio Edge Light Kit in use for various photography and video scenarios, including adjusting settings and showing lighting effects.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the light unit and stand. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, store the light kit in the provided carrying bag in a cool, dry place away from direct sunlight and excessive humidity.
- **Battery Care:** If using batteries, ensure they are fully charged before long-term storage and periodically recharge them to maintain battery health. Remove batteries if the light will not be used for an extended period.

- **Handle with Care:** While durable, avoid dropping the light units or stands, and do not apply excessive force to the adjustable parts.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; battery depleted; power switch off.	Ensure AC adapter is properly connected or battery is charged and inserted correctly. Check if the ON/OFF switch is in the 'ON' position.
Brightness cannot be adjusted.	Control dial stuck or faulty.	Gently rotate the dimmer dial. If unresponsive, contact customer support.
Color temperature cannot be changed.	Control dial stuck or faulty.	Gently rotate the color temperature dial. If unresponsive, contact customer support.
Light flickers or dims unexpectedly.	Low battery; unstable power connection.	Recharge or replace battery. Ensure AC adapter connection is secure and power outlet is stable.

8. SPECIFICATIONS

- **LED Bulb Quantity:** 140pcs
- **Max. Brightness:** 2000LM (0.5m)
- **Input Voltage:** 8-15V (power not less than 28W), φ5.5*2.0mm
- **Power:** 25W
- **Max Illumination:** 1550Lux/0.5m
- **Color Temperature:** Internal adjustable 3300K-5600K
- **Color Rendering Index (CRI):** >95 (RA)
- **Brightness Adjustable:** 20% ~ 100%
- **Brightness Light Angle:** 180°
- **Display:** LCD digit display (shows battery capacity/brightness/color temperature)
- **Compatible Batteries:** Sony NP-F970/F770/F570/F550 series
- **Dimensions:** 270mm x 270mm x 24mm
- **Weight (per light unit):** 660g
- **Package Dimensions:** 33 x 12.99 x 4.88 inches
- **Item Weight (total kit):** 13.82 pounds
- **Item Model Number:** VL-500T 3 Packs Kit
- **Manufacturer:** Shenzhen Jueying Technology Co., Ltd.
- **First Available Date:** January 25, 2019

9. WARRANTY & SUPPORT

VILTROX products are manufactured to high quality standards. For warranty information, technical support, or service inquiries, please refer to the official VILTROX website or contact their customer service directly. Please retain your proof of purchase for any warranty claims.
Official VILTROX Store: VILTROX Official Store on Amazon