VILTROX 5823831144

VILTROX VL-200T LED Video Light User Manual

Comprehensive guide for setup, operation, and maintenance of your VILTROX VL-200T Ultra Thin Bi-Color Dimmable LED Video Light.

1. INTRODUCTION

Thank you for choosing the VILTROX VL-200T Ultra Thin Bi-Color Dimmable LED Video Light. This manual provides detailed instructions to help you effectively set up, operate, and maintain your device. Please read this manual thoroughly before use to ensure optimal performance and longevity of your product.

2. WHAT'S IN THE BOX

Verify that all items listed below are included in your package:

- 1 x VILTROX VL-200T LED Light Panel
- 1 x Power Supply Adapter
- 1 x Wireless Remote Controller
- 1 x Universal 1/4" Cold Shoe Adapter

Image: The VILTROX VL-200T LED Video Light, showing the main panel, remote controller, and power supply.

3. PRODUCT FEATURES

The VILTROX VL-200T LED Video Light offers a range of features designed for professional and amateur photographers and videographers:

- **Bi-color Dimmable LED:** Equipped with 96pcs (3300K) and 96pcs (5600K) SMD lamp beads, providing a versatile lighting source. Adjust color temperature from 3300K (warm yellow) to 5600K (cool white) and brightness from 20% to 100%. Max. Brightness: 2500LM. Power: 30W.

- **Wireless Remote Control:** Features an FSK 2.4GHz wireless remote control system with a range of up to 20 meters. Supports 6 groups and 19 channels for professional multi-light setups.

- **Dual Power Supply Modes:** Can be powered by the included DC power adapter for indoor use or by NP-F series batteries (not included) for outdoor portability.

- **Built-in LCD Display:** A clear LCD screen displays brightness, color temperature, channel (CH), and battery level for easy monitoring.

- **Compact and Portable:** Super lightweight and thin (260mm x 200mm x 22mm), making it convenient for travel and on-location shoots.

- **Universal Mounting:** Includes a 1/4" cold shoe adapter for secure mounting on light stands, tripods, cameras, camcorders, or light brackets, allowing for various lighting angles.
- **High Color Rendering Index (CRI):** CRI 95+ ensures accurate color rendition and clear photographic images.

Image: Detailed view of the VILTROX VL-200T's features, including its 360-degree rotation capability, efficient heat dissipation design, clear built-in LCD display, and intuitive knob adjustment for settings.

4. SETUP GUIDE

4.1 Powering the Light

The VL-200T offers two power options:

1. **DC Power Adapter (Included):**
   For continuous indoor use, connect the provided DC power adapter to the light's DC input port and plug it into a standard wall outlet. Ensure the power switch on the light is in the "OFF" position before connecting.

2. **NP-F Series Batteries (Not Included):**
   For portable outdoor use, insert two compatible NP-F series lithium-ion batteries (e.g., NP-F550/570/960/970) into the battery slots on the back of the light. Ensure the batteries are fully charged and inserted correctly

according to polarity markings.

Double Power Supply Modes
Perfect for indoor with NPF battery and outdoor photography with DC adapter

Indoor Use
Power adapter
DC 14-18V(included)

Outdoor Use
Battery
for NP-F550/570/960/970
(not included)

Image: Illustration of the dual power supply options for the VL-200T, highlighting both the DC power adapter for indoor use and the battery slots for portable outdoor operation.

4.2 Mounting the Light

The VL-200T comes with a universal 1/4" cold shoe adapter for flexible mounting:

1. Attach the 1/4" cold shoe adapter to the bottom mounting point of the VL-200T.

2. Secure the adapter onto a light stand, tripod, camera hot shoe, or other compatible mounting bracket. Tighten the locking knob to ensure stability.
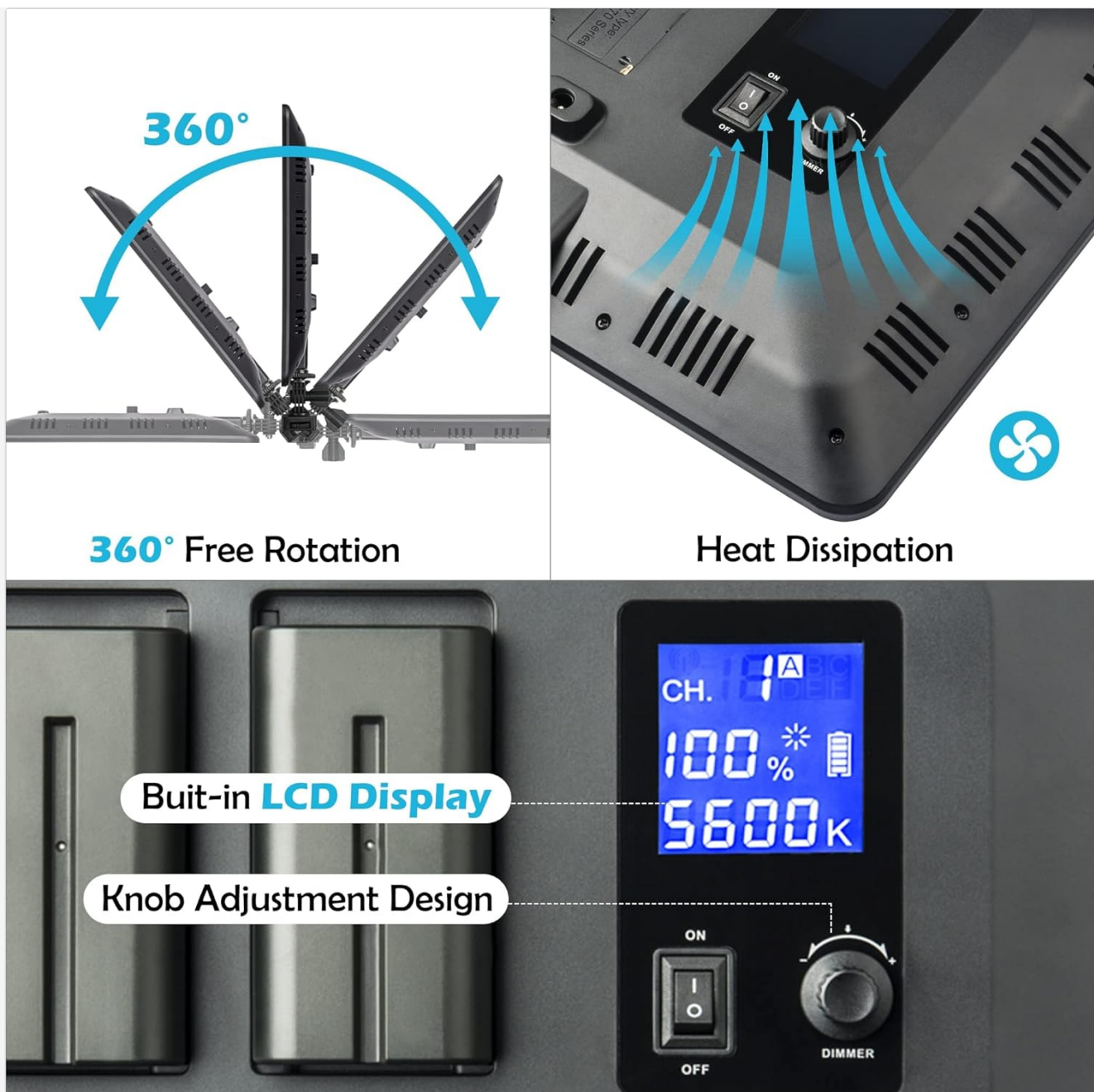
360°

360° Free Rotation

Heat Dissipation

CH. 1 A

100 %

5600 K

Buit-in **LCD Display**

Knob Adjustment Design

ON

OFF

DIMMER

Image: The VILTRO0X VL-200T mounted on a light stand, illustrating its compact size and how it can be integrated into a portable lighting setup.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

1. **Power On/Off:** Flip the power switch on the back of the light to the "ON" position to turn it on. The LCD screen will illuminate. Flip to "OFF" to power down.

2. **Adjusting Brightness:** Rotate the "DIMMER" knob on the back of the light to adjust the brightness level from 20% to 100%. The current brightness percentage will be displayed on the LCD screen.

3. **Adjusting Color Temperature:** Press the "SET" button (or the central button on the knob) to switch between brightness and color temperature adjustment modes. Once in color temperature mode, rotate the "DIMMER" knob to change the color temperature from 3300K to 5600K. The current Kelvin value will be displayed.

Image: Close-up of the VL-200T's control panel, illustrating the LCD display and the multi-function knob for adjusting brightness and color temperature.

5.2 Using the Wireless Remote Control

The included remote control allows for convenient adjustment of light settings from a distance.

1. **Pairing the Remote:** If the remote is not already paired, ensure both the light and remote are powered on. On the remote, press and hold the "GROUP" button until the display flashes. On the light, press and hold the "SET" button until the display flashes. They should then pair automatically.

2. **Selecting Group/Channel:** Use the "CH" button on the remote to cycle through channels (1-19) and the "GROUP" button to select a group (A-F). This allows you to control multiple lights individually or as a synchronized group.

3. **Adjusting Brightness/Color Temperature:** Use the "B+" / "B-" buttons to increase/decrease brightness and "T+" / "T-" buttons to increase/decrease color temperature.

4. **Power On/Off (Remote):** Use the "ON/OFF" button on the remote to turn the light on or off. Note: The light's internal LCD screen may remain dimly lit even when turned off via remote. For complete power off, use the physical switch on the light.

CRI≥95+
Accurate color rendition
and clear photographic images

Ours(CRI≥95+)   Others(CRI≤80)

Image: A user demonstrating the wireless remote control functionality of the VL-200T, highlighting its convenience for adjusting light settings remotely in a photography setup.

5.3 Official Product Video

Watch this video for a quick overview of the VILTROX VL-200T LED light's features and operation:

Your browser does not support the video tag.

Video: A #GenuineReview of Viltrox VL-200T Ultra Thin LED Light. This video provides a user's perspective on the light's features, including its simple controls, battery options, and universal mounting capabilities. It also demonstrates the light's brightness and how it can be toned down.

6. MAINTENANCE

To ensure the longevity and optimal performance of your VILTROX VL-200T LED Video Light, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the light panel and body. Do not use abrasive cleaners or solvents, as they may damage the surface or internal components.
- **Storage:** When not in use, store the light in a cool, dry place, away from direct sunlight and extreme

temperatures. If using batteries, remove them for long-term storage to prevent leakage.

- **Handling:** Handle the light with care. Avoid dropping it or subjecting it to strong impacts, which can damage the LED beads or internal circuitry.
- **Ventilation:** Ensure the ventilation slots on the back of the light are not obstructed during operation to allow for proper heat dissipation.

7. TROUBLESHOOTING

If you encounter issues with your VILTROX VL-200T, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power, loose connection, or depleted batteries.	- Ensure the power adapter is securely connected to both the light and the power outlet. - If using batteries, check that they are fully charged and correctly inserted. Try fresh batteries. - Verify the physical power switch on the light is in the "ON" position.
Remote control is not working.	Remote not paired, incorrect channel/group, or dead remote batteries.	- Ensure the remote has working batteries. - Re-pair the remote with the light (refer to Section 5.2). - Check that the remote and light are set to the same channel and group.
Light is too bright even at minimum setting.	This light has a minimum brightness of 20%.	- Consider using a light diffuser (not included) to soften the output. - Position the light further away from your subject or bounce it off a wall/ceiling for indirect lighting.
LCD screen remains dimly lit after turning off with remote.	Normal operation for remote standby.	For complete power off and to extinguish the LCD screen, use the physical power switch on the light panel.

8. SPECIFICATIONS

Feature	Detail
Model	VL-200T
Product Dimensions	10.24 x 7.87 x 0.87 inches
Item Weight	2.26 pounds
Power	30W

Feature	Detail
Max. Brightness	2500LM
Color Temperature	3300K - 5600K (Bi-color)
Brightness Adjustment	20% - 100%
CRI (Color Rendering Index)	95+
Remote Control System	FSK 2.4GHz (6 groups, 19 channels)
Power Supply	DC power adapter (included) or NP-F series batteries (not included)
Manufacturer	FANSHANG
Date First Available	June 14, 2018

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official VILTROX website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

VILTROX Official Store: Visit VILTROX Store on Amazon