

VILTROX K90

VILTROX K90 2 Pack RGB Tube Light Instruction Manual

Model: K90

INTRODUCTION

Thank you for choosing the VILTROX K90 2 Pack RGB Tube Light. This professional LED video stick light is designed to provide versatile and high-quality lighting for photography, videography, live streaming, and various creative applications. Featuring RGBWY full-color output, adjustable color temperature, multiple special effects, and flexible control options, the K90 is a powerful tool for creators. This manual will guide you through the setup, operation, and maintenance of your new tube lights to ensure optimal performance and longevity.

WHAT'S IN THE BOX

Carefully unpack your VILTROX K90 RGB Tube Light kit and ensure all items are present:

- 2 x VILTROX K90 RGB Tube Light
- 1 x Portable Hard Carry Bag
- 4 x Magnetic Light Clips
- 2 x USB-C Charging Cables
- 1 x Packing Box

Packing List

K90

1. Packaging box*2
2. Portable Hard Carry Bag
3. Magnetic clip x4
3. VILTROX K90 Light Wand x2
4. Type-c Charging Cable x2




Image: Contents of the VILTROX K90 2 Pack RGB Tube Light kit, including two tube lights, a carry bag, magnetic clips, and charging cables.

PRODUCT OVERVIEW

Familiarize yourself with the key components and controls of your VILTROX K90 RGB Tube Light:

- **Light Body:** The main tube housing the LED beads and diffuser.
- **LCD Display Screen:** Shows current settings, battery status, and mode information.
- **Power Button:** Turns the light on/off.
- **Charging Port (USB Type-C):** For charging the internal battery.
- **SET Button:** Short press to switch menu, long press to enter/exit engineering mode.
- **Arrow Buttons (Left/Right):** Short press to switch settings, long press to enter/exit engineering mode.
- **Plus (+) Button:** Short press to increase parameter, long press to increase parameter quickly.
- **Minus (-) Button:** Short press to reduce parameter, long press to reduce parameter quickly.
- **1/4" Screw Holes:** Located at both ends for mounting on tripods or light stands.
- **Magnetic Clips:** Attach to the light body for mounting on metallic surfaces.



LARGE HANDHELD RGB STICK LIGHT

Visually appealing design that enhances the scene

| | | | | | | |
|------------|--|----------------------|--|------------|--|-----------------|
| 30W | | 2550lux @0.5m | | 488 | | 38.31 In |
| Max Power | | Max Illumination | | Lamp beads | | Length |

Image: Detailed view of the VILTROX K90 control panel and buttons, indicating their functions.

SETUP

Initial Charging

Before first use, fully charge the internal lithium battery. Connect the provided USB Type-C charging cable to the light's charging port and a compatible USB power adapter (15V/2A or 20V/2A recommended for fast charging). The LCD display will indicate charging status. A full charge typically takes about 2 hours.



Image: Close-up of the VILTROX K90's charging port and LCD screen displaying battery information.

Mounting Options

The VILTROX K90 offers versatile mounting solutions:

- **Handheld:** The lightweight design allows for easy handheld operation.
- **Tripod/Light Stand:** Utilize the 1/4" screw holes at both ends of the light to attach it to a tripod, light stand, or other compatible mounting accessories.
- **Magnetic Mounting:** Attach the magnetic clips to the light body and then secure the light to any metallic surface for flexible positioning.

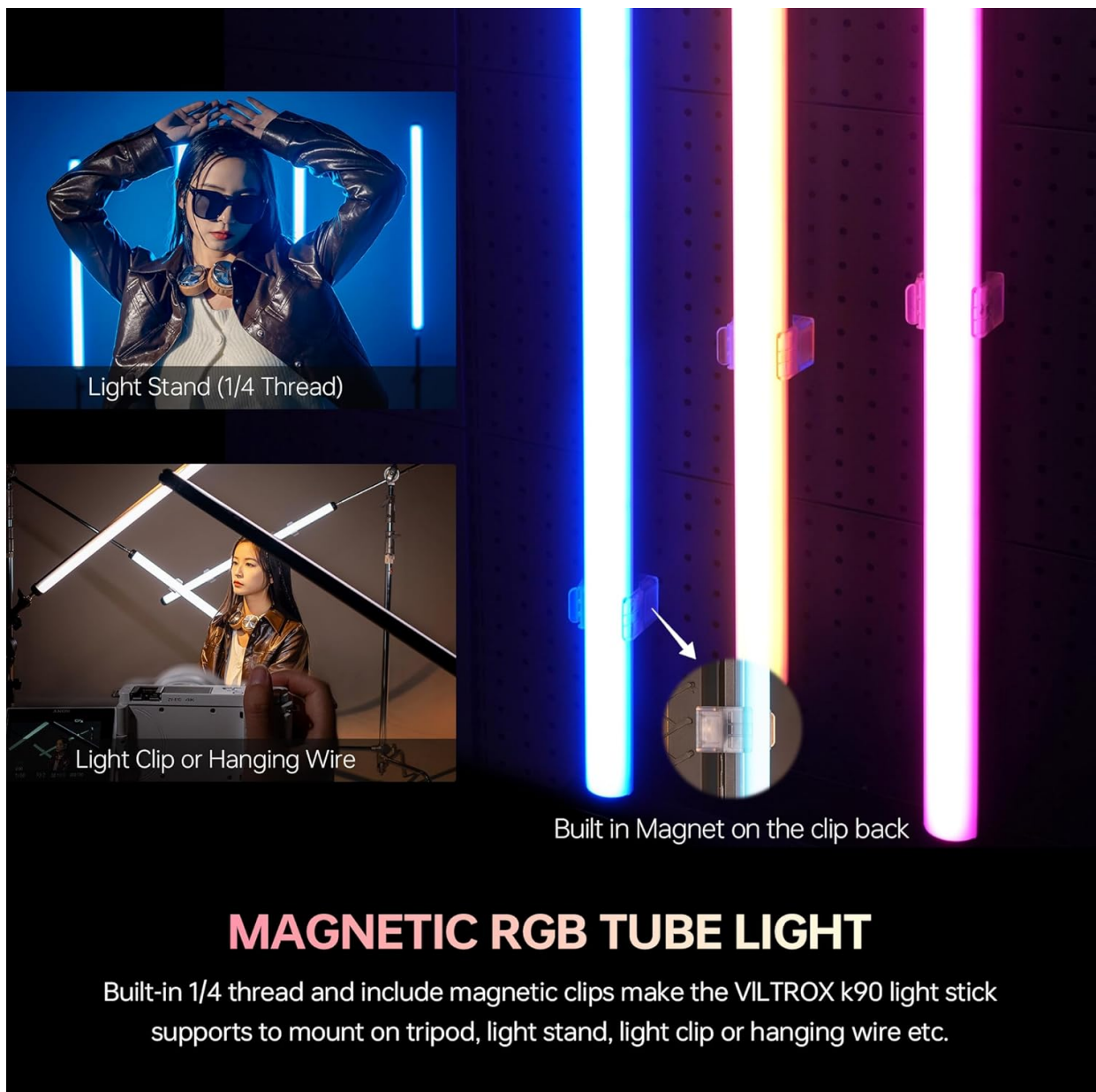


Image: The VILTROX K90 tube light demonstrating magnetic mounting capabilities on a metallic surface.

OPERATING INSTRUCTIONS

Power On/Off

Press and hold the Power Button (red circle icon) for a few seconds to turn the light on or off. The LCD screen will illuminate upon power-on.

Mode Selection and Adjustment

The K90 offers multiple lighting modes:

- **CCT Mode (Correlated Color Temperature):** Adjust color temperature from 2500K (warm) to 8500K (cool) and brightness from 0% to 100%. Use the SET button to cycle through parameters and +/- buttons to adjust values.
- **RGB Mode:** Access a full spectrum of colors with 0°-360° hue adjustment. Use the SET button to select hue, saturation, or intensity, and +/- buttons to modify.
- **FX Mode (Special Effects):** Choose from 26 built-in lighting effects such as flash, burst, police car, fire truck, ambulance, TV, candlelight, and more. Use the SET button to select an effect and +/- buttons to adjust speed or intensity.



Image: The VILTROX K90 tube light displaying a range of vibrant RGBWY colors.

Control Methods

The VILTROX K90 can be controlled via:

- **On-Body Controls:** Use the physical buttons and LCD display on the light for direct adjustments.
- **Smartphone App (ViltroxLink / WeeelitePro):** Download the official app for iOS or Android to wirelessly control the light via Bluetooth. The app allows for precise color selection, effect customization, and multi-light synchronization.
- **Remote Control (Weeelite RC-11, NOT INCLUDED):** An optional 2.4G wireless remote control can be used for convenient adjustments from a distance.



Image: Illustration of the various control methods for the VILTROX K90, including on-body buttons, smartphone app, and remote control.

App Control

To use the smartphone app:

1. Download the 'ViltroxLink' or 'WeeylitePro' app from your device's app store.
2. Ensure Bluetooth is enabled on your smartphone.
3. Open the app and follow the on-screen instructions to connect to your K90 tube light(s).
4. Once connected, you can adjust all parameters, select colors, and activate effects directly from your phone.



Image: A smartphone screen displaying the VILTROX app interface for controlling the K90 light, with QR codes for iOS and Android app downloads.

Download the ViltroxLink app here: [iOS App Store](#)

Your browser does not support the video tag.

Video: An official VILTROX video demonstrating the features and usage of the K90 RGB Tube Light, including app control and various lighting effects.

MAINTENANCE

To ensure the longevity and optimal performance of your VILTROX K90 RGB Tube Light, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the light body and diffuser. Avoid using harsh chemicals or abrasive materials that could damage the surface.
- **Storage:** When not in use, store the lights in the provided portable carry bag in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For long-term storage, ensure the battery is charged to approximately 50-70% to preserve its lifespan. Avoid fully discharging the battery for extended periods.
- **Handling:** Handle the lights with care to prevent drops or impacts, which could damage internal components.

or the outer casing.

TROUBLESHOOTING

If you encounter issues with your VILTROX K90 RGB Tube Light, refer to the following common troubleshooting steps:

- **Light Not Turning On:** Ensure the battery is charged. Connect the light to a power source using the USB-C cable. If the issue persists, try a different charging cable or adapter.
- **App Connectivity Issues:** Make sure Bluetooth is enabled on your device and the light is within the 20m range. Restart both the light and the app. If multiple lights are present, ensure correct pairing.
- **Inaccurate Color/Brightness:** Check the current mode and settings on the LCD display or app. Perform a factory reset by long-pressing the Power Button and the Left Arrow button simultaneously if the light is unresponsive or behaving abnormally.
- **Short Battery Life:** Ensure the light is fully charged. Battery performance can degrade over time with extensive use. Operating at 100% brightness will consume battery faster.

For further assistance, please contact VILTROX customer support.

SPECIFICATIONS

| | |
|----------------------------------|---|
| Product Model | K90 |
| Maximum Power | 30W |
| Number of LED Beads | 448 Pcs |
| Color Temperature Range | 2500K-8500K |
| Hue Adjustment | 0°-360° |
| Brightness Range | 0%-100% |
| CRI / TLCI | ≥97 / ≥97 |
| Maximum Illuminance | 2550lux (100%, 5500K@0.5m) |
| Built-in Lithium Battery | 14.8V/3300mAh |
| Battery Life (100% power, 5600K) | Approx. 70 minutes |
| Charging Time | Approx. 2 hours |
| Charging Port | USB Type-C (5V/2A, 9V/2A, 12V/2A, 15V/2A, 20V/2A) |
| Control Mode | ViltroxLink App / Light Panel / RC-11 Remote (Optional) |
| App Remote Control Distance | Within 20m |
| Bare Lamp Size | 973.3mm x 40.5mm x 39.2mm |
| Bare Light Weight | Approx. 864g |

WARRANTY AND SUPPORT

VILTROX products are designed for reliability and performance. For warranty information and technical support, please refer to the official VILTROX website or contact your local distributor. Keep your purchase receipt as proof of

purchase for any warranty claims.

For additional resources and product updates, visit the [VILTROX Store on Amazon](#).