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TILTA TKL-CHK-LG

Tilta Khronos Lite Control Handle User Manual

Model: TKL-CHK-LG | Brand: TILTA

Introduction

The Tilta Khronos Lite Control Handle is designed to enhance your iPhone filmmaking experience. This lightweight handle features a magnetic mount kit, allowing for direct attachment to compatible iPhones (iPhone 15, 16, 17 Pro, Pro Max) or Khronos Lite cases. It provides wireless control over key camera functions via Bluetooth, freeing up your phone's USB-C port for other accessories.

Key features include:

- Custom design compatible with iPhone 15, 16, 17 Pro, and Pro Max smartphones.
- Lightweight and compact design for professional performance.
- Ergonomic handle for comfortable operation, enabling precise focus and zoom control with the Blackmagic Camera App.
- Magnetic connection eliminates the need for a case attachment.

Setup Guide

1. Attaching the Control Handle

The Khronos Lite Control Handle can be attached to your iPhone using its magnetic mount. Ensure your iPhone is compatible with magnetic accessories or is housed in a compatible Khronos Lite case.

1. Align the magnetic plate of the control handle with the magnetic area on the back of your iPhone or Khronos Lite case.
2. The magnets will securely snap the handle into place.



Image: The Tilta Khronos Lite Control Handle securely attached to an iPhone, ready for use.



Image: The magnetic backplate component of the Tilta Khronos Lite Control Handle, illustrating its attachment mechanism.

2. Bluetooth Pairing

The control handle connects to your iPhone wirelessly via Bluetooth for camera control.

1. Ensure the control handle is powered on. (Hold the Record Button to power on).
2. On your iPhone, go to **Settings** > **Bluetooth**.
3. Look for "Khronos Lite" or a similar device name in the list of available devices and tap to connect.
4. Once paired, the handle's indicator light will confirm the connection.



Image: Diagram showing the ergonomic grip, quick-release design, wireless connection, and Bluetooth pairing for camera control.

Operating Instructions

Familiarize yourself with the various controls on the handle for optimal use.



Image: Detailed diagram labeling the Record Button, Multi-Function Button, Shutter Button, Zoom Dial, Focus Control Dial, and Release Latch.

- **Record Button:**
  - Hold to power on/off the handle.
  - **Native Camera App:** Single click to take photo/record video.
  - **Blackmagic Camera App:** Single click to start recording.
- **Multi-Function Button:**
  - Bluetooth connection function and zoom lever for quick zoom adjustments.
- **Shutter Button:**
  - **Native Camera App:** Half-press to focus, single click to take photo.
  - **Blackmagic Camera App:** Single click to start recording.
- **Zoom Dial:**

- **Native Camera App:** Controls zoom.
- **Blackmagic Camera App:** Provides stepless zoom control.

- **Focus Control Dial:**
  - **Native Camera App:** Not available.
  - **Blackmagic Camera App:** Provides stepless focus adjustment.
- **Release Latch:** Used for quick detachment of the handle from the magnetic mount or case.



Image: Close-up of the tactile control wheel, designed for precise focus adjustments.



Image: The Tilta Khronos Lite Control Handle shown attached to two different iPhones, demonstrating its lightweight and camera-ready design with magnetic attachment.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the surface of the control handle. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the handle in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Battery Care:** If the handle has an internal battery, ensure it is charged periodically even when not in regular use to maintain battery health.

Troubleshooting

Bluetooth Pairing Issues

If you experience difficulty pairing the control handle with your iPhone:

- **Ensure Power:** Verify the control handle is powered on and has sufficient battery.
- **Restart Devices:** Try restarting both your iPhone and the control handle.
- **Forget Device:** If the handle was previously paired to another device or an app (e.g., Blackmagic Camera App), it might need to be unpaired first. Go to your iPhone's Bluetooth settings, find the device, and select "Forget This Device."
- **Reset Pairing:** Some users have reported success by performing a specific reset. Try pressing the function button (often the Multi-Function Button) three times for one second each to unpair it from a previous connection before attempting to pair with your phone's native camera app.
- **App Compatibility:** Ensure you are using the correct camera app (Native Camera App or Blackmagic Camera App) as some functions or pairing behaviors may differ.

Controls Not Responding

- **Check Bluetooth Connection:** Confirm that the handle is still actively connected via Bluetooth to your iPhone.
- **App Focus:** Ensure the camera app is active and in the foreground on your iPhone.
- **Battery Level:** Low battery on the handle can affect responsiveness. Charge the handle if necessary.

Specifications

Feature	Detail
Brand	TILTA
Model Name	Khronos Lite Control Handle
Manufacturer Model Number	TKL-CHK-LG
Color	Light Gray
Compatible Devices	iPhone 15, 16, 17 Pro, Pro Max
Connectivity Technology	Bluetooth
Exposure Control Type	Manual (M)
File Format	MP4
Recording Function	No (Control for phone's recording function)
Recommended Media/File	Visual Media
Shooting Functions	Portrait, Landscape, Sports, Night, etc. (Modes compatible with iPhone 15, 16, 17 Pro, Pro Max)
Viewfinder Type	LCD Screen (Refers to phone screen)
Waterproof	No
Video Capture Format	MP4
Video Resolution	4K (3840 x 2160) (Dependent on iPhone capabilities)
UPC	810193520236

Warranty Information

This product comes with a standard manufacturer's warranty. Please refer to the warranty card included in the product packaging or visit the official Tilta website for detailed warranty terms and conditions. Keep your proof of purchase for any warranty claims.

Support

For technical support, product inquiries, or service requests, please contact Tilta customer support through their official website. You may find FAQs, additional resources, and contact information there.

Official Tilta Website: www.tilta.com

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