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› INKEE Falcon Plus Action Camera Gimbal Stabilizer Instruction Manual

INKEE Falcon Plus

INKEE Falcon Plus Action Camera Gimbal Stabilizer Instruction Manual

Brand: INKEE | Model: Falcon Plus

INTRODUCTION

The INKEE Falcon Plus is a 3-axis gimbal stabilizer designed for action cameras, providing smooth and stable footage. It is compatible with various GoPro Hero models (12/11/10/9/8/7/6/5) and other action cameras of similar size. This manual provides detailed instructions for setup, operation, and maintenance to help you get the most out of your device.

WHAT'S IN THE BOX

Upon unboxing your INKEE Falcon Plus, you should find the following components:

- INKEE Falcon Plus Gimbal Stabilizer
- Mini Tripod
- USB-C Charging Cable
- Allen Wrenches and Mounting Screws
- Storage Pouch
- Instruction Manual (physical copy)

Reverse Charging Function

The gimbal supports reverse charging function, plug in the data cable, Press the power button five times to charge.



Image: The INKEE Falcon Plus Gimbal, mini tripod, charging cable, tools, and storage pouch neatly arranged in its packaging.

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Video: An unboxing of the INKEE Falcon Plus Gimbal, showing the contents of the box including the gimbal, mini tripod, charging cable, and various tools.

SETUP

Mounting the Camera

1. Ensure your action camera's mounting legs are extended.
2. Align the camera's mounting legs with the gimbal's mounting plate.
3. Use the provided screws and Allen wrenches to securely fasten the camera to the gimbal. Ensure it is tight enough to prevent movement but do not overtighten.
4. If using a GoPro Media Mod, ensure it is attached to the GoPro before mounting to the gimbal. The Falcon Plus is designed to support the Media Mod.

Compatible with a variety of Action Cameras

Easy installation and
disassembly through
installation of
original screw.



Image: The INKEE Falcon Plus Gimbal shown with different action cameras, including GoPro Hero 10, GoPro Hero 9, Insta360 One R, and Osmo Action, highlighting its broad compatibility.

Support the Media Mod

Support the Media Mod,easily hold the mic&Light. Convenient for filming



Quick Install and Uninstall bring more comfortable

It is easy to install and uninstall by twist the original screws. No worry on the camera's size

Image: A diagram illustrating how the INKEE Falcon Plus Gimbal supports a GoPro camera with the Media Mod attached, showing the quick installation process.

Balancing the Gimbal

Proper balancing is crucial for optimal gimbal performance and battery life. Follow these steps to balance your camera:

1. **Roll Axis Balance:** If the camera tilts to the left or right, loosen the screws on the camera mounting plate. Slide the camera left or right until it remains level when still. Tighten the screws.
2. **Tilt Axis Balance:** Flip the camera so the lens faces vertically upwards. If the camera lens tilts forward or backward, loosen the screw under the tilt axis. Slide the camera forward or backward until it remains level when still. Tighten the screw.

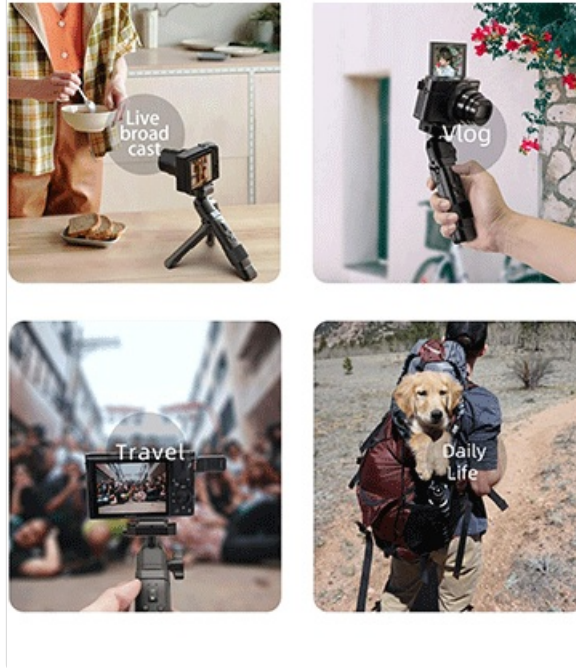


Image: A visual guide demonstrating the steps for adjusting the left-right (roll) and front-rear (tilt) balance of the camera on the gimbal using screws.

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Video: A detailed tutorial on how to balance and connect the INKEE Falcon Plus gimbal with an action camera, covering physical adjustments and electronic pairing.

OPERATING THE GIMBAL

Power On/Off

To power on the gimbal, press and hold the power button located on the handle until the indicator lights illuminate. To power off, press and hold the power button again until the lights turn off.

Modes and Controls

The gimbal features a joystick and various buttons for controlling camera movement and modes:

- **Joystick:** Controls the pan and tilt movement of the camera.
- **Mode Button (M):** Cycles through different operating modes (e.g., Follow, Pan & Tilt, FPV).
- **Record Button:** Initiates/stops video recording or takes photos when connected to the camera.
- **Trigger Button:** Located on the front of the handle, typically used for quick mode changes or recentering.

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Video: A brief introduction to the INKEE Falcon Plus gimbal, showcasing its various modes and smooth operation with a GoPro camera.

CONNECTIVITY

Bluetooth Pairing

To enable full control of your GoPro from the gimbal, you need to pair them via Bluetooth:

1. Power on the INKEE Falcon Plus gimbal.

2. Power on your GoPro camera.
3. On your GoPro, navigate to the 'Connections' menu.
4. Select 'Connect Device' and then choose 'GoPro Quik App' or 'The Remote' (depending on your GoPro model and desired control method).
5. Ensure the gimbal's Bluetooth indicator is flashing, indicating it's in pairing mode.
6. Once connected, the gimbal's green light will be solid, and you can control your GoPro's recording and mode functions directly from the gimbal.

Firmware Update

Keeping your gimbal's firmware updated ensures optimal performance and compatibility. Firmware updates are typically performed via the Falcon App:

1. Download and install the Falcon App on your smartphone.
2. Connect your gimbal to the app via Bluetooth.
3. Navigate to the firmware update section within the app.
4. Follow the on-screen instructions to check for and install any available updates.

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Video: A tutorial demonstrating the connection and firmware update process for the Falcon Plus gimbal with GoPro Hero cameras.

FEATURES

- **Three-Axis Stabilization:** Equipped with powerful brushless motors, the gimbal ensures your camera remains stable, providing smooth and professional-looking footage even during dynamic movements.
- **Media Mod Support:** The Falcon Plus is designed to easily accommodate your GoPro camera with the Media Mod attached, allowing for external microphones and lights for enhanced filming.
- **Reverse Charging Function:** The gimbal supports reverse charging, allowing you to power your action camera directly from the gimbal's battery by plugging in a data cable and pressing the power button five times.
- **Vertical Shooting Mode:** Double-click the Mode (M) button to enter vertical shooting mode, perfect for creating content for mobile-first platforms like TikTok and Instagram Reels.
- **Three-Dimensional Dream Mode (Inception Mode):** Operate the joystick to control the gimbal to rotate 360 degrees, creating dynamic spinning shots.
- **Wireless Control:** Control your camera's shooting functions (photo, video, time-lapse) wirelessly through Bluetooth connection with compatible GoPro models.

Vertical Shooting Mode

Double click M Button to enter vertical shooting mode,perfect for short video platform on mobile phone.



Pet Shooting



Cute Baby Shooting

Image: The INKEE Falcon Plus Gimbal connected to a GoPro via a USB-C cable, demonstrating its reverse charging capability to power the camera.

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Video: A short demonstration of how to activate the Three-Dimensional Dream mode (Inception mode) on the INKEE Falcon Plus gimbal, showing the camera spinning 360 degrees.

SPECIFICATIONS

Brand	INKEE
Model Name	Falcon Plus
Color	Black
Compatible Devices	Action Cameras (GoPro HERO12, HERO11, HERO10, HERO9, HERO8, HERO7, HERO6, HERO5 Black)

Folded Size	10 inches (L) x 4 inches (W) x 4 inches (H)
Maximum Weight Recommendation	200 Grams
Image Stabilization	Yes (3-Axis Gimbal)
Water Resistance Level	Not Water Resistant
UPC	727196233271

TROUBLESHOOTING

If you encounter issues with your INKEE Falcon Plus gimbal, consider the following common troubleshooting steps:

- **Gimbal Vibration:** Ensure your camera is perfectly balanced on all axes. Improper balancing is a common cause of vibration. Check for any loose screws or connections.
- **Connection Issues:** Verify that Bluetooth is enabled on both your gimbal and action camera. Try resetting the network settings on your GoPro and then re-pairing. Ensure the gimbal's firmware is up to date.
- **Power Issues:** Ensure the gimbal is fully charged. If the camera is not receiving power via reverse charging, check the cable connection and ensure the reverse charging function is activated correctly (press power button 5 times).

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Video: A tutorial explaining how to diagnose and solve common gimbal vibration problems, emphasizing proper balancing and calibration.

MAINTENANCE

To ensure the longevity and optimal performance of your INKEE Falcon Plus gimbal, follow these maintenance guidelines:

- Keep the gimbal clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Avoid exposing the gimbal to extreme temperatures or direct sunlight for prolonged periods.
- Store the gimbal in its protective pouch when not in use to prevent scratches and damage.
- Do not attempt to disassemble or repair the gimbal yourself, as this may void the warranty.

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact details provided in your product packaging or visit the official INKEE website. Keep your proof of purchase for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question