FeiyuTech FeiyuTech Scorp

FeiyuTech SCORP 3-Axis Gimbal Stabilizer User Manual

Brand: FeiyuTech | Model: FeiyuTech Scorp

For Cameras Sony/Canon/Panasonic/Nikon/Fujifilm, Payload 5.5 lbs (2.5 kg), 1.3" Touch Screen, Dual Handheld, Balance Marker, with Carry Case

Introduction

The FeiyuTech SCORP 3-Axis Gimbal Stabilizer is designed to provide exceptionally smooth and stable footage for a wide range of cameras, including DSLRs and mirrorless models from Sony, Canon, Panasonic, Nikon, and Fujifilm. Its innovative design, inspired by the shape of a scorpion, offers enhanced comfort and versatility for various shooting angles, including effortless low-angle shots. With a robust payload capacity of up to 5.5 lbs (2.5 kg), it accommodates many camera and lens combinations. The integrated 1.3-inch OLED touch screen provides intuitive control over settings and parameters, reducing reliance on external apps. Key features include a two-point memory function for intelligent trajectory, an electronic magic wheel for precise control, and a long-lasting battery with fast charging support.

Setup

Before first use, ensure all components are present and familiarize yourself with the gimbal's structure.

Unboxing and Components

Upon unboxing, you will find the main gimbal body, various connection cables, a tripod, a quick release plate, and other accessories necessary for mounting and operation.

Figure 1: FeiyuTech SCORP Gimbal and included accessories, including the main body, storage bag, various cables, tripod, quick release plate, and lens holder components.

Balancing the Gimbal

Proper balancing is crucial for optimal performance and to prevent motor strain. The SCORP features a center of gravity memory slider to assist with quick re-balancing after storage.

Figure 2: Close-up of the center of gravity memory slider, allowing for quick and accurate re-balancing of the camera.

For detailed balancing instructions, please refer to the comprehensive user guide provided in PDF format.

Operating Instructions

Touch Screen Interface

The 1.3-inch OLED color touch screen on the underslung rear grip provides a streamlined user interface, allowing direct control over all parameter settings without relying on a mobile application. This is particularly convenient for monitoring parameters from any shooting angle.

Figure 3: The 1.3-inch OLED touch screen displaying various settings and modes for the gimbal.

Figure 4: User interacting with the touch screen to adjust camera parameters directly from the gimbal.

Shooting Modes and Controls

The SCORP offers various shooting modes and intuitive controls for enhanced creative possibilities:

- **Dual Handheld / Underslung Grip:** The unique design allows for comfortable handling and effortless low-angle shooting. The side stand enables the gimbal to stand independently, freeing your hands.

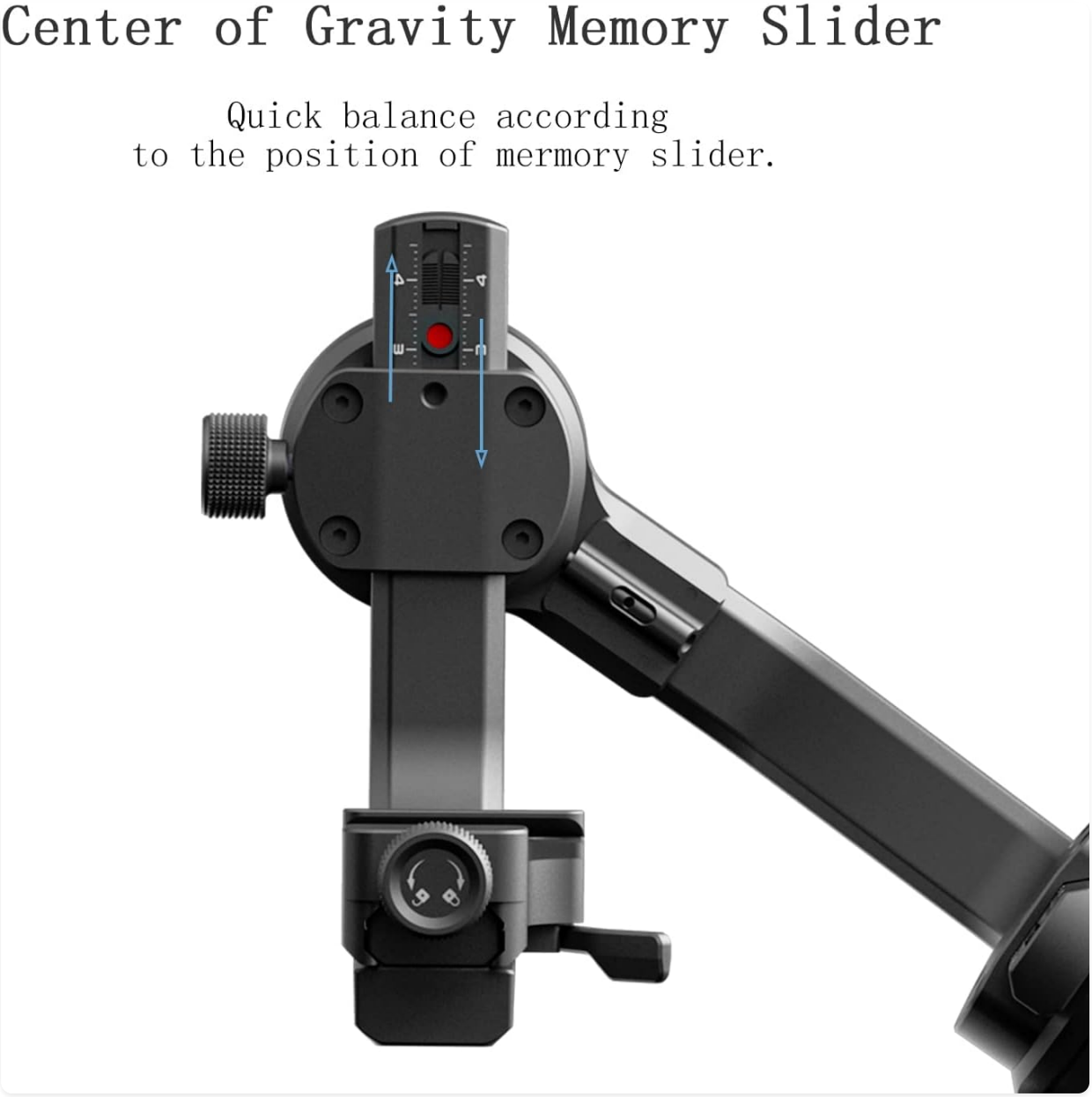

Figure 5: The FeiyuTech SCORP gimbal configured for comfortable underslung grip shooting.

- **AB Point Trajectory Mark:** Use the A and B buttons to mark electronic zoom, follow focus, and three-axis positions, enabling quick one-key switching between marked points and customizable movement times.

Figure 6: Close-up of the A and B buttons used for marking trajectory points and quick switching.

- **Electronic Magic Wheel:** This new generation control allows customization of damping and simulates various tactile feelings for precise adjustments.

Official Product Video

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Video 1: Official FeiyuTech Scorp Mirrorless DSLR Camera Gimbal Stabilizer overview. This video demonstrates the gimbal's design, various shooting modes, and key features in action, including its stabilization capabilities and ergonomic handling.

Maintenance

The FeiyuTech SCORP gimbal is designed for durability and ease of use. For optimal performance and longevity, consider the following:

- **Battery Life & Charging:** The built-in battery offers a theoretical battery life of up to 13 hours. It supports PD Fast Charging, allowing a full charge in approximately 1.6 hours with an 18W fast charger. The stabilizer can operate while charging.
- **Cleaning:** Keep the gimbal clean from dust and debris, especially around the motors and moving parts, to ensure smooth operation.
- **Storage:** When not in use, store the gimbal in its provided carry case to protect it from physical damage and environmental factors.

Troubleshooting

If you encounter any issues with your FeiyuTech SCORP gimbal, please refer to the detailed troubleshooting section in the official User Guide. Common issues may include:

- **Balancing Issues:** Ensure the camera and lens combination is perfectly balanced on all axes. Refer to the balancing section in the manual.
- **Motor Vibrations/Unusual Behavior:** This can often be resolved by re-balancing the gimbal or adjusting motor power settings via the touchscreen or companion app.
- **Connectivity Problems:** Check all cable connections and ensure Bluetooth pairing is correctly established if using the mobile app.

For persistent problems, contacting FeiyuTech customer support is recommended.

Specifications

Feature	Detail
Item Weight	2.69 pounds (1220 Grams)

Maximum Weight Recommendation	5.5 Pounds (2.5 kg)
Product Dimensions	7.89"D x 8.29"W x 12.38"H
Folded Size	11.05*10.37*2.68 inches
Display	1.3 inch Touch Screen (OLED)
Battery Life	Up to 13 hours (theoretical)
Charging Time	1.6 hours (with 18W fast charge)
Compatible Devices	Sony A7 series, ZV-E10, A7S3, FX3; Nikon D7500, Z7II, Z5, Z6, Z50, Z fc, Z30, D850; Fujifilm X-T20, X-T30, X-A5, X-A7, X-T100, X-H1, X-T3, X-T4, X-E3, X-T30 II, X100V, GFX 100S, X-H2S, X-H2, X-T5; SIGMA FP; Canon EOS M50, M50 Mark II, M6 Mark II, G7 X Mark III, 200D II (250D), 850D, 90D, 5D Mark IV, 5DS R, RP, R, R5, R6, R5C, R7, R10, R8, R50, R6 Mark II; Panasonic GH5S, GH5, GH4, G9, S5, GH6, S5II.

Warranty and Support

The FeiyuTech SCORP gimbal comes with a 2-year EU Spare Part Availability Duration. For detailed warranty information and support, please refer to the official user guide.
Each item has a unique code that FeiyuTech verifies before shipping, ensuring product authenticity.

Download Official User Guide (PDF)