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> Axnen F6 3-Axis Handheld Gimbal Stabilizer User Manual

Axnen F6

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Model: F6

1. INTRODUCTION

The Axnen F6 3-Axis Handheld Gimbal Stabilizer is designed for smartphone videography, transforming your mobile phone into a professional filming camera. It helps you achieve stable and smooth footage with ease. Key features include a shortcut button, focus pull and zoom capabilities, PhoneGo mode for quick transitions, object tracking, various time-lapse shooting options, and two-way charging.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- Axnen F6 Gimbal Stabilizer
- USB Charging Cable
- Safety Tether
- User Manual



F6 Gimbal



Manual



USB Cable



Safety tether

F6 Standard

Image 2.1: Contents of the Axnen F6 Standard package, showing the gimbal, manual, USB cable, and safety tether.

3. PRODUCT FEATURES

The Axnen F6 Gimbal Stabilizer offers advanced features for enhanced mobile videography:

- **3-Axis Stabilization:** Utilizes a high-precision brushless motor for real-time compensation, eliminating image shake and ensuring lossless image stabilization.
- **Increased Payload Capacity:** Upgraded motors provide 30% improved torque, supporting smartphones with a payload of up to 280g and widths between 58mm to 89mm.
- **Sport Mode:** Enables rapid following and quick transitions, allowing the motor to increase power and react swiftly to movement for dynamic shots without post-production.
- **Inception Mode (3D Fantasy Mode):** The pan motor can rotate a full 360 degrees to create a unique 'inception' effect.
- **Advanced Time-lapse Features:** Includes Motionlapse, Timelapse, Hyperlapse, and Slow Motionlapse for creative video capture.
- **Dedicated App:** Features a 'Beauty Mode' for enhanced video recording.
- **Horizontal and Vertical Shooting:** Easily switch between horizontal and vertical shooting modes.

Handheld Gimbal / cinematic videos with your phones

Professional 3 Axis handheld gimbal stabilizer

Anytime, anywhere, getting smooth video



Image 3.1: The Axnen F6 gimbal in use, showcasing its professional 3-axis stabilization for smooth video.

The 3 Axis gimbal uses a high-precision brushless motor, which provides in real time compensation according to the gimbal's posture, eliminates image shake, and achieves Lossless image stabilization



Image 3.2: Mechanical ranges of motion for Tilt (330°), Roll (180°), and Pan (330°) axes.

4. SETUP

4.1 Charging the Gimbal

Before first use, fully charge the gimbal. Connect the provided USB cable to the charging port on the gimbal and to a 5V/1A power adapter (not included). The charging indicator light will show the charging status.

4.2 Mounting Your Smartphone

1. Extend the phone clamp and carefully insert your smartphone.
2. Ensure the phone is securely seated in the clamp.

4.3 Balancing the Gimbal

Proper balancing is crucial for optimal performance and battery life. With the phone mounted, adjust the sliding arm until the phone remains level when the gimbal is powered off. This reduces motor strain.

4.4 Powering On/Off

Press and hold the power button for a few seconds to turn the gimbal on or off. Ensure your phone is mounted and balanced before powering on.

4.5 App Connection

Download the dedicated Axnen F6 app from your smartphone's app store. Enable Bluetooth on your phone and connect to the gimbal via the app for full functionality, including advanced modes and settings.

5. OPERATING INSTRUCTIONS

5.1 Control Panel Overview



Image 5.1: Detailed diagram of the Axnen F6 control panel, highlighting key buttons and indicators.

- **Charging Indicator:** Shows battery status.
- **Charging Interface:** USB port for charging.
- **APP Zooming Button:** Controls zoom function within the app.
- **Operation Lever:** Joystick for pan and tilt control.
- **Working Indicator:** Shows current operating mode.
- **Switch / M Mode Button:** Toggles between different follow modes (Roll/Heading Follow, Full Follow, Full Lock) and can activate Inception Mode with a double click.
- **Camera Key:** Triggers photo capture or video recording.

5.2 Switching Shooting Modes

The gimbal supports both horizontal and vertical shooting orientations. To switch, manually rotate the phone clamp or use the dedicated button if available (refer to app for specific controls).

horizontal mode / vertical shooting mode



Can freely switch between horizontal mode and vertical shooting mode



Image 5.2: Comparison of horizontal and vertical shooting modes on the gimbal.

5.3 Advanced Functions (via App)

Connect to the Axnen F6 app to access:

- **Object Tracking:** Select a subject on screen, and the gimbal will automatically follow it.
- **Time-lapse Settings:** Customize parameters for Motionlapse, Hyperlapse, and Slow Motionlapse.
- **Beauty Mode:** Enhance your video recordings with real-time beauty filters.
- **Firmware Updates:** Keep your gimbal updated for new features and performance improvements.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Axnen F6 gimbal, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the gimbal. Avoid using liquid cleaners or solvents.
- **Storage:** Store the gimbal in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** If storing for extended periods, charge the battery to approximately 50% every three months to prevent deep discharge.
- **Avoid Overloading:** Do not exceed the maximum payload capacity of 280g.

7. TROUBLESHOOTING

If you encounter issues with your Axnen F6 gimbal, refer to the following common problems and solutions:

- **Gimbal Vibrates or Shakes:**
 - Ensure your smartphone is properly balanced before powering on the gimbal.
 - Check if the phone clamp is securely holding the phone.
 - The phone's weight might exceed the maximum payload.
- **Cannot Connect to App:**
 - Make sure Bluetooth is enabled on your smartphone.
 - Restart both the gimbal and your smartphone.
 - Ensure the app is updated to the latest version.
- **Gimbal Does Not Power On:**
 - Charge the gimbal fully. The battery might be depleted.
 - Press and hold the power button for the required duration (typically a few seconds).
- **Motors Feel Weak or Unresponsive:**
 - Re-balance the smartphone on the gimbal.
 - Ensure the gimbal's battery is sufficiently charged.
 - Avoid operating in extreme temperatures.

8. SPECIFICATIONS

Model	F6
Color	Black
Working Time	Approx. 6-8 hours
Charging Voltage	5V
Charging Current	1A
Battery Capacity	2200mAh
Charging Time	Approx. 2.5 hours
Operating Voltage	3.4~4.2V (Standard 3.7V)

Tilt Mechanical Range	330°
Roll Mechanical Range	180°
Pan Mechanical Range	330°
Item Weight	380g
Max Payload	280g
Compatible Phone Width	58mm - 89mm
Item Dimensions	Approx. 19 x 12 x 5 cm

9. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. For specific warranty details, please refer to the documentation provided with your purchase or contact the retailer. For technical support, troubleshooting assistance beyond this manual, or inquiries about replacement parts, please contact the manufacturer or your point of purchase.