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AOCHUAN Smart XE AI

AOCHUAN Smart XE AI Gimbal Stabilizer User Manual

Model: Smart XE AI

1. Introduction and Overview

The AOCHUAN Smart XE AI Gimbal Stabilizer is designed to enhance your smartphone videography with advanced stabilization and intelligent tracking features. This manual provides detailed instructions to help you set up, operate, and maintain your device for optimal performance.

Equipped with an AI tracking sensor and a professional focus wheel, the Smart XE AI ensures smooth, stable, and precisely framed video footage, making it ideal for various recording scenarios.

2. What's in the Box

Upon unboxing your AOCHUAN Smart XE AI Gimbal Stabilizer, please verify that all the following components are included:

- SMART XE gimbal ×1
- AI Sensor ×1
- Tripod ×1
- USB-C charging cable ×1
- User manual ×1

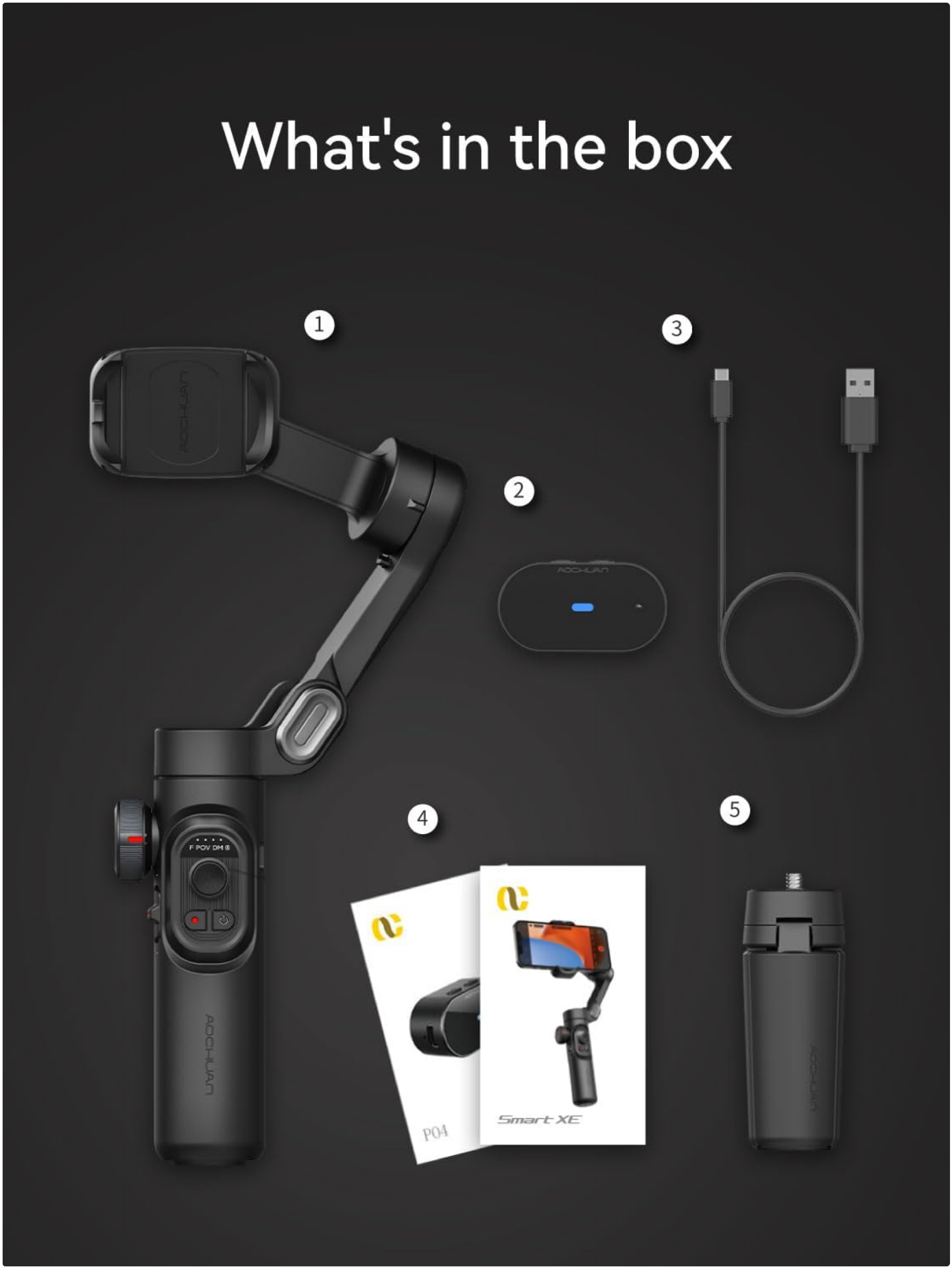


Figure 2.1: All components included in the product package.

3. Product Features

AI-Powered Tracking Sensor

The gimbal is equipped with an AI vision sensor that precisely detects and tracks faces, keeping the subject framed without the need for external apps or Bluetooth. It also supports intuitive hand gestures for control.



Figure 3.1: Magnetic AI Vision Sensor for app-free tracking.

Unmatched Anti-Shake Performance

The advanced 7.0 anti-shake algorithm provides superior stabilization, ensuring ultra-smooth video even during dynamic movements. A professional focus wheel and zoom slider allow for precise, real-time adjustments.

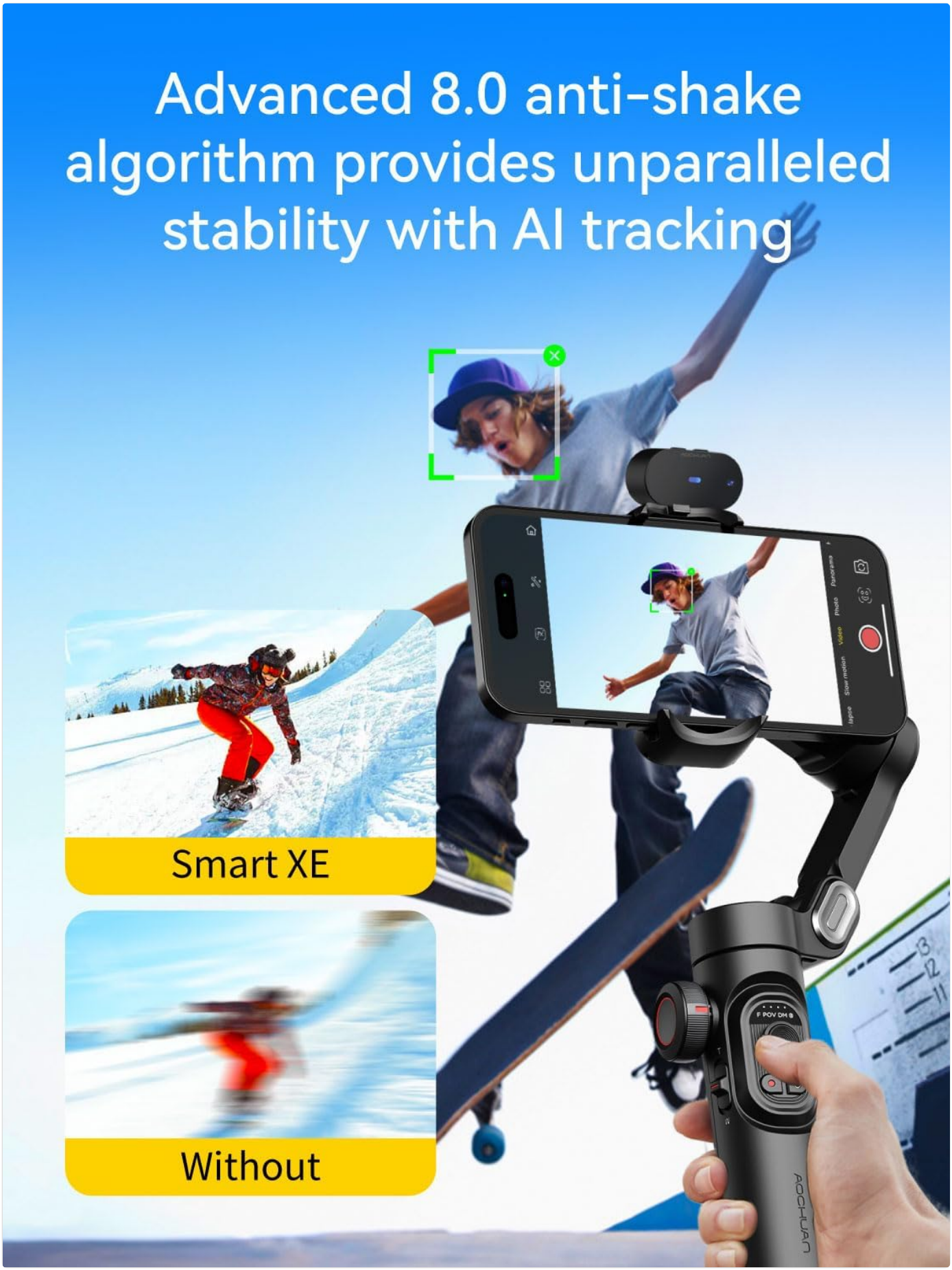


Figure 3.2: Advanced 8.0 anti-shake algorithm for unparalleled stability.

Smart Gesture Control

Control the gimbal with simple hand gestures to turn on/off face tracking, toggle between photo/video modes, and switch between landscape and portrait orientations, freeing your hands for creative shots.



Figure 3.3: Smart Gesture Control for hands-free operation.

Precise and Flexible Focus Control

Adjust focus on-the-fly or execute intricate focus pulls using the integrated focus wheel, providing creative control over your shots.



Figure 3.4: Precise and Flexible Focus Control.

Long Battery Life & Fast Charging

The 2600mAh battery provides over 10 hours of continuous shooting after a 3.5-hour charge, ensuring extended usage without frequent recharges. The gimbal also supports lightning-fast charging.

Portable and Foldable Design

With a collapsible design, the gimbal measures 6.4*4.3*2.1 inches when folded and weighs just 0.77 pounds, making it highly portable for travel and daily use.

Figure 3.5: Compact and Foldable Design for easy transport.

Wide Compatibility

The gimbal stabilizer is compatible with all phones under 7 inches, weighing up to 0.62 pounds, and measuring up to 6.3 inches in length, 3.5 inches in width, and 0.4 inches in thickness.

4. Setup

1. **Charge the Gimbal:** Before first use, fully charge the gimbal using the provided USB-C charging cable. The battery indicator lights will show charging progress.
2. **Attach the Tripod:** Screw the mini tripod onto the 1/4-inch screw hole at the bottom of the gimbal handle if you intend to use it on a flat surface.
3. **Mount Your Smartphone:** Extend the phone clamp and securely place your smartphone in it. Ensure the phone is centered and balanced in the clamp to prevent strain on the gimbal motors.
4. **Power On:** Press and hold the power button on the gimbal handle until you hear a tone and the indicator lights illuminate. The gimbal will automatically calibrate and stabilize.
5. **Download AOCHUAN App (Optional):** For advanced features like Hitchcock, Inception, slow motion, time lapse, and panorama, download the "AOCHUAN" app from your smartphone's app store (Apple App Store or Google Play Store).

5. Operating Instructions

5.1. Basic Controls

- **Power Button:** Press and hold to power on/off. Single click to switch between normal mode and POV mode. Double click to recenter the gimbal. Triple click to invert the gimbal.
- **Joystick:** Controls the pan and tilt of the smartphone. Move up/down for tilt, left/right for pan.
- **Record Button:** Single click to start/stop video recording or take a photo (requires app connection for full functionality).
- **Focus Wheel:** Rotate to adjust focus manually within the AOCHUAN app.
- **Zoom Slider:** Slide up/down to zoom in/out on your subject within the AOCHUAN app.

5.2. AI Tracking and Gesture Control

The integrated AI sensor allows for intelligent tracking without app connection. Use hand gestures to activate face tracking or switch shooting modes. The gimbal will automatically follow the detected subject.

5.3. Advanced Shooting Modes (via AOCHUAN App)

Connect to the AOCHUAN app to unlock various creative shooting modes:

- **Hitchcock Mode:** Create dramatic zoom effects.
- **Inception Mode:** Achieve cinematic rotational shots.

- **Slow Motion:** Capture high-frame-rate video for slow-motion playback.
- **Time Lapse:** Condense long events into short, dynamic videos.
- **Panorama:** Automatically stitch multiple photos into a wide panoramic image.
- **Horizontal and Vertical Switching:** Effortlessly switch between landscape and portrait shooting modes.



Figure 5.1: AOCHUAN App interface with multiple shooting modes.

6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the gimbal. Avoid using liquid cleaners or solvents.
- **Storage:** Store the gimbal in a cool, dry place, away from direct sunlight and extreme temperatures. Fold the gimbal to its compact size for storage.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the gimbal regularly, even if not in use for extended periods.

7. Troubleshooting

- **Gimbal Not Powering On:** Ensure the battery is charged. Connect the USB-C cable to a power source and try again.
- **Gimbal Not Stabilizing:** Ensure your smartphone is properly mounted and balanced in the clamp. The gimbal may require a few seconds to calibrate after powering on.
- **AI Tracking Issues:** Ensure the AI sensor is clean and unobstructed. Make sure the subject is within the optimal tracking range and lighting conditions.
- **App Connection Problems:** Ensure Bluetooth is enabled on your smartphone. Restart both the gimbal and the app.
- **Unresponsive Controls:** Power off the gimbal, then power it back on. If issues persist, ensure the app is updated to the latest version.

For more detailed troubleshooting, please refer to the comprehensive user manual included in your product package or visit the official AOCHUAN support website.

8. Specifications

Attribute	Value
Model Number	SXe AI
Product Dimensions (Unfolded)	10.7 x 4.9 x 2.6 inches
Folded Size	6.4 x 4.3 x 2.1 inches
Item Weight	0.77 pounds (12.3 ounces)
Maximum Weight Recommendation	0.77 pounds
Battery Type	1 Lithium Ion battery (included)
Battery Capacity	2600mAh
Charging Time	Approx. 3.5 hours
Operating Time	Over 10 hours
Color	Black
Manufacturer	AOCHUAN
Compatible Devices	Smartphones under 7 inches, weighing up to 0.62 pounds (e.g., iPhones, Samsung, Huawei)

9. Warranty and Support

For warranty information and customer support, please refer to the documentation provided with your purchase or contact AOCHUAN Direct US, the authorized seller. You can also find additional resources and support through the AOCHUAN app available on the Apple App Store and Google Play Store, or by visiting the official AOCHUAN brand store on Amazon.

AOCHUAN App: Available for download on Apple App Store and Google Play Store.

Online Support: Visit the AOCHUAN Store on Amazon for product information and support.

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Details

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