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AOCHUAN Smart X Pro

AOCHUAN Smart X Pro Gimbal Stabilizer Instruction Manual

Model: Smart X Pro | Brand: AOCHUAN

1. INTRODUCTION AND OVERVIEW

The AOCHUAN Smart X Pro is a palm-sized, 3-axis foldable gimbal stabilizer designed for smartphones. It features an OLED display for real-time mode and battery information, an integrated LED fill light, and wireless charging capabilities. This device is compatible with a wide range of smartphones, including iPhone 15/14/13/12/11 Plus/Pro/Max and most Android models, offering enhanced stability and creative control for videography and photography.



Figure 1: Aochuan Smart X Pro Gimbal Stabilizer in use.

2. PRODUCT FEATURES

- **OLED Display:** Provides clear information on gimbal modes and battery status.
- **3-Axis Foldable Design:** Compact and portable, measuring 6.2 x 4.3 x 2.1 inches when folded and weighing 0.65 pounds.
- **Integrated LED Fill Light:** Features three adjustable brightness levels (up to 6000lux, 5500K CCT) for optimal lighting in various scenarios.
- **Focus Switch and Zoom Slide:** Allows for precise control over focus speed and zoom during video recording.
- **Wireless Charging:** Conveniently recharges your smartphone while mounted on the gimbal.
- **Longer Runtime:** Equipped with a 3200mAh battery providing up to 12 hours of operation.
- **AI Smart Track 4.0:** Advanced object and face tracking capabilities with gesture control.
- **Versatile Shooting Modes:** Includes Pan Follow, Full Lock, POV, Full Follow, Inception, Widescreen Movie Mode, Hitchcock Dolly Zoom, and Panorama.

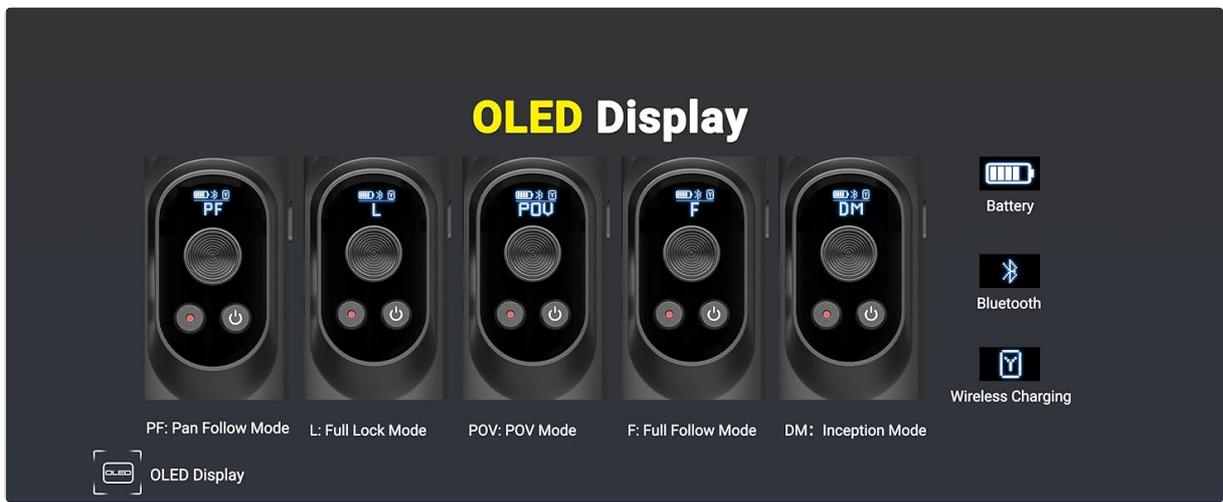


Figure 2: OLED Display showing gimbal modes and battery status.

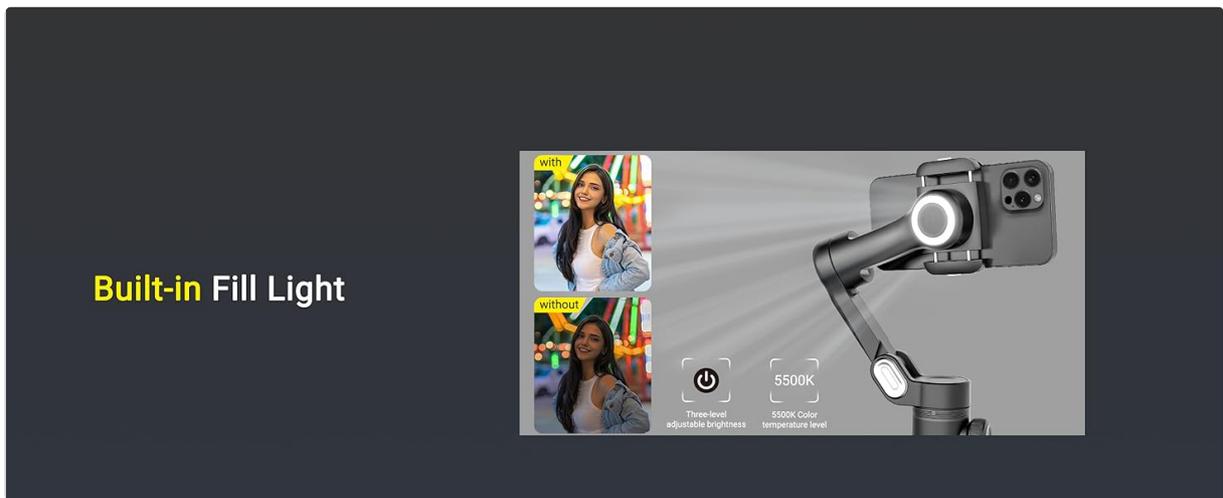


Figure 3: Built-in LED Fill Light in action.

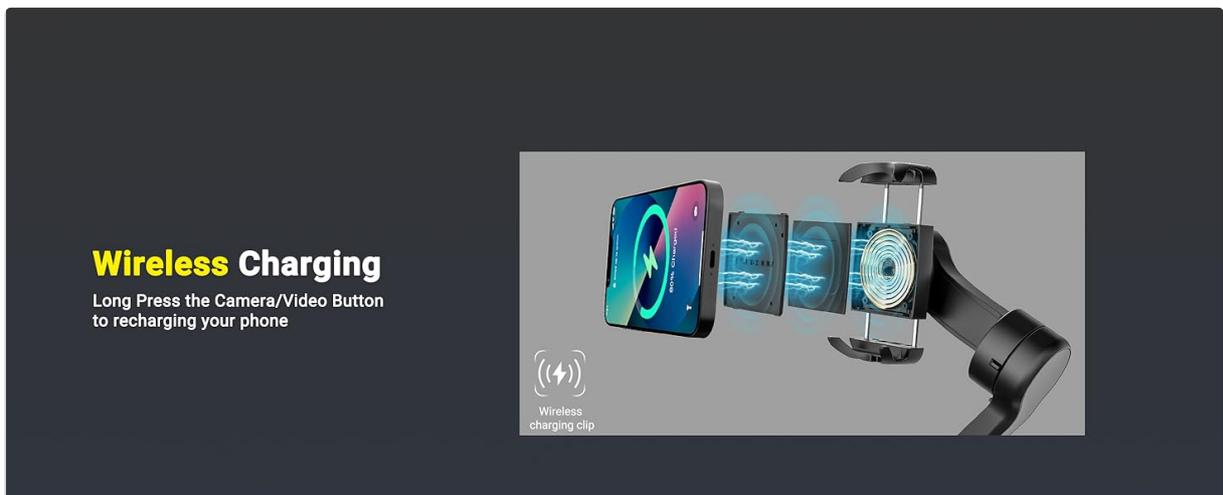


Figure 4: Wireless charging feature.

3. SETUP

3.1 Unfolding the Gimbal

The Smart X Pro is designed to be compact when folded. To unfold, gently extend the gimbal arms until they lock into position. Ensure all joints are securely in place before mounting your smartphone.

Foldable Pocket Gimbal

Pocket-Size Foldable Gimbal can be placed and carried in your pocket anywhere.



Figure 5: Foldable design for portability.

3.2 Mounting Your Smartphone

1. Gently pull apart the smartphone clamp.
2. Place your smartphone securely into the clamp, ensuring it is centered for optimal balance.
3. Adjust the phone's position so that the camera is not obstructed by the gimbal arm.

3.3 Powering On

Press and hold the power button located on the handle for a few seconds until the OLED screen illuminates and the gimbal initializes.

4. OPERATING INSTRUCTIONS

4.1 Controls Overview

The gimbal features an intuitive control panel for easy operation:

- **OLED Display:** Shows current mode, battery level, and Bluetooth connection status.
- **Focus Wheel:** Adjusts focus for cinematic effects.
- **Zoom Slider:** Controls the zoom level.
- **Gimbal Joystick:** Manually controls the pan and tilt of the smartphone.
- **Power Button / Fill Light Switch:** Long press to power on/off; short press to toggle the LED fill light.
- **Camera / Video Button:** Toggles between photo and video modes, and initiates wireless charging with a long press.

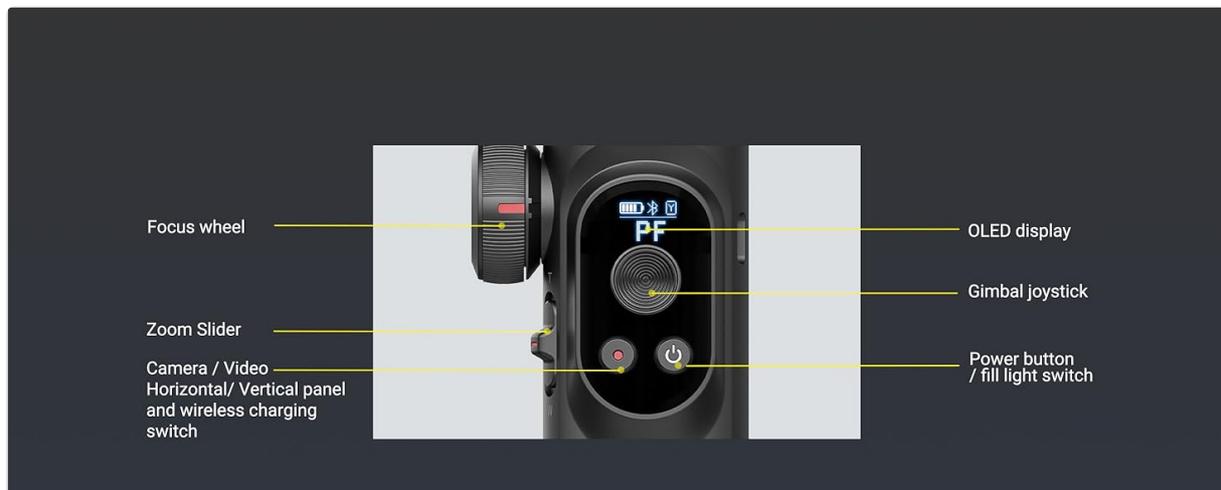


Figure 6: Upgraded Control Panel with labeled functions.

4.2 Shooting Modes

The Smart X Pro offers several intelligent shooting modes:

- **Pan Follow Mode (PF):** The camera pans left/right following your hand movements, while tilt and roll axes are locked.
- **Full Lock Mode (L):** All three axes (pan, tilt, roll) are locked, keeping the camera fixed on a single direction.
- **POV Mode:** The camera follows all your movements, providing a first-person perspective.
- **Full Follow Mode (F):** The camera follows your pan and tilt movements, with the roll axis locked.
- **Inception Mode (DM):** Rotates the phone 360 degrees along the roll axis for dynamic shots.

4.3 AI Smart Track 4.0 and Gesture Control

Utilize the AI Smart Track 4.0 for precise subject tracking. This feature supports both body and subject tracking. Gesture control allows for hands-free operation:

- **OK Gesture:** Start or stop face tracking.
- **Palm Gesture:** Initiates a 3-second countdown for shooting.
- **Fist Gesture:** Switches between photo and video modes.
- **Thumbs Up Gesture:** Switches between horizontal and vertical screen orientation.
- **L-shaped Gestures (both hands):** Opens or pauses gesture recognition.

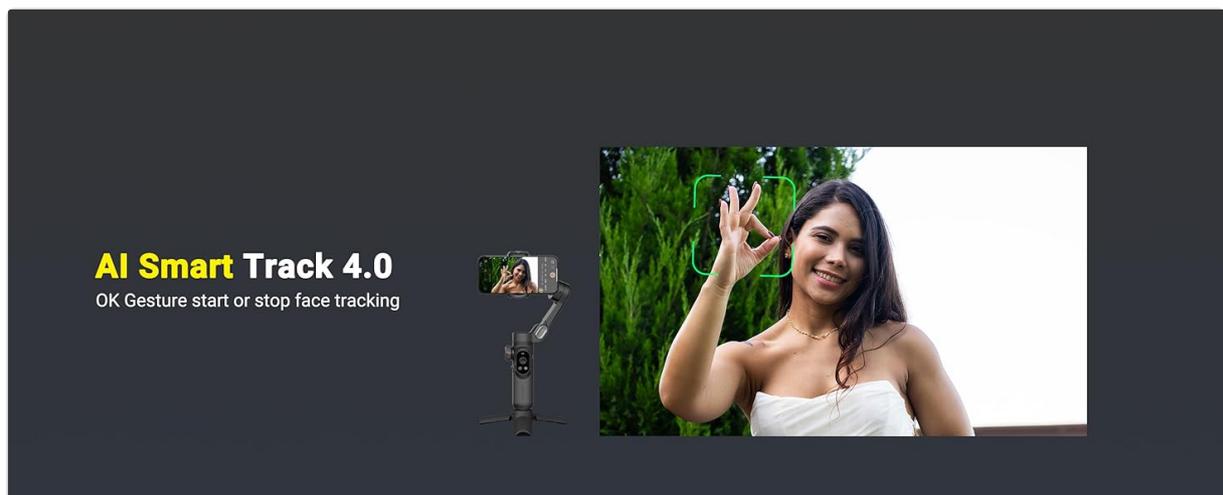


Figure 7: AI Smart Track 4.0 in action.

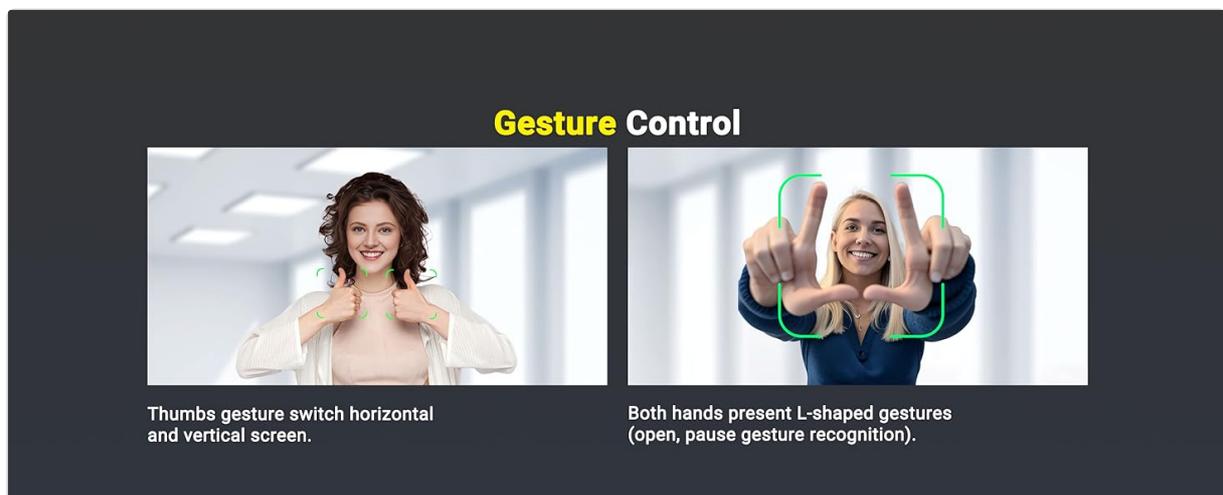


Figure 8: Gesture control for hands-free operation.

5. MAINTENANCE

To ensure the longevity and optimal performance of your AOCHUAN Smart X Pro Gimbal Stabilizer, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the gimbal. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use, fold the gimbal into its compact state and store it in a dry, cool place, away from direct sunlight and extreme temperatures.
- **Battery Care:** For long-term storage, ensure the battery is charged to approximately 50-60% to prevent degradation.

6. TROUBLESHOOTING

If you encounter any issues with your gimbal, consider the following common troubleshooting steps:

- **Gimbal Not Balancing:** Ensure your smartphone is properly centered in the clamp. Remove any heavy phone cases that might affect balance.
- **Connectivity Issues:** Verify that Bluetooth is enabled on your smartphone and the gimbal is powered on. Try restarting both devices.
- **Unresponsive Controls:** Check the battery level of the gimbal. If using the companion app, ensure it is updated to the latest version.
- **Motor Vibration:** This can occur if the phone is not balanced correctly or if the gimbal is overloaded. Re-balance the phone and ensure it's within the supported weight range.

For further assistance, please refer to the official AOCHUAN support resources.

7. SPECIFICATIONS

Specification	Value
Brand	AOCHUAN
Model	Smart X Pro
Color	Black
Folded Size	6.2 in (length) x 4.3 in (width) x 2.1 in (height)
Unfolding Status	10.5 in x 4.9 in x 2.6 in
Net Weight	0.65 pounds (approx. 295g)
Payload Capacity	Up to 250g
Battery Capacity	3200mAh
Runtime	Up to 12 hours

8. WARRANTY AND SUPPORT

The AOCHUAN Smart X Pro Gimbal Stabilizer comes with a standard manufacturer's warranty. For detailed warranty information, product support, or to access the latest firmware updates and user guides, please visit the official AOCHUAN website or contact their customer service.

Official AOCHUAN Store: [AOCHUAN Store on Amazon](#)
