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› Aochuan Smart XE Gimbal Stabilizer User Manual

AOCHUAN Smart XE

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Model: Smart XE

INTRODUCTION

Welcome to the Aochuan Smart XE Gimbal Stabilizer user manual. This 3-axis foldable smartphone gimbal is designed to enhance your mobile filmmaking, allowing you to capture professional-quality videos and photos with ease. Compatible with iPhone and Android smartphones, the Smart XE is an essential tool for content creators, vloggers, and anyone looking to elevate their videography. Its portable design, precise controls, and long-lasting battery make it ideal for on-the-go shooting.

WHAT'S IN THE BOX

Please check the package contents upon unboxing to ensure all items are present.

- Aochuan Smart XE Gimbal Stabilizer (phone not included)
- Mini Tripod
- USB-C Charging Cable
- User Manual

PRODUCT OVERVIEW

Familiarize yourself with the components and features of your Aochuan Smart XE gimbal.



Figure 1: The AOCHUAN Smart XE Gimbal Stabilizer. This image shows the overall design of the foldable gimbal, ready for smartphone mounting.



Figure 2: Illustration of the 3-Axis Movement. The image highlights the Tilt axis motor (1st Axis), Pan axis motor (2nd Axis), and Roll axis motor (3rd Axis), demonstrating how the gimbal provides smooth and stable video.

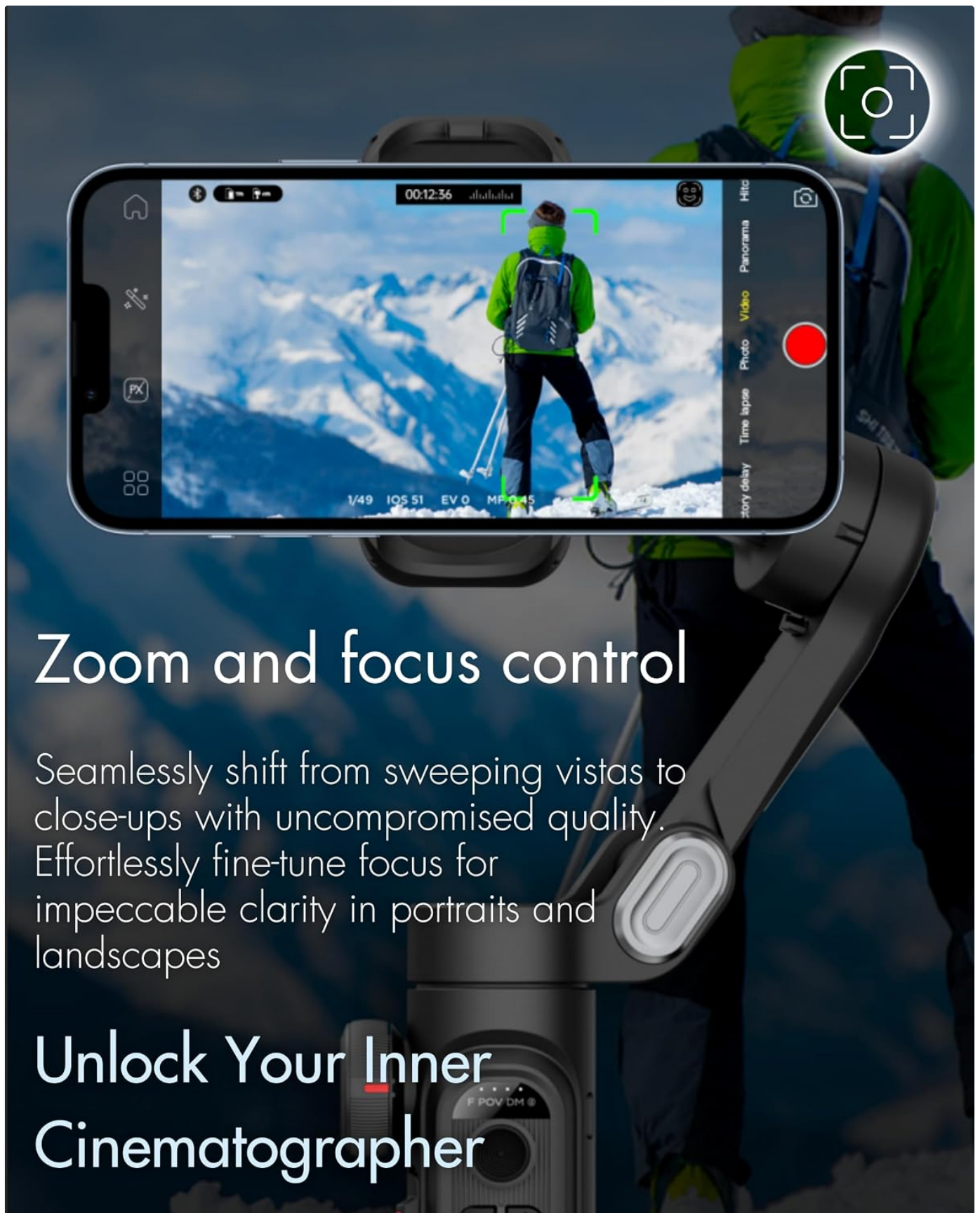
Replaceable, rechargeable battery

Unleash endless
creativity, saving
time and ensuring
non-stop shooting
with up to 10 hours
of battery life

2600mAh



Figure 3: Replaceable, Rechargeable Battery. This image shows the gimbal's battery compartment and indicates a 2600mAh battery capacity, providing up to 10 hours of use.



Zoom and focus control

Seamlessly shift from sweeping vistas to close-ups with uncompromised quality. Effortlessly fine-tune focus for impeccable clarity in portraits and landscapes

Unlock Your Inner Cinematographer

Figure 4: Zoom and Focus Control. This image displays the integrated control wheel on the gimbal handle, allowing for precise adjustments to zoom and focus during recording.

4 Gimbal modes



Unleash your creativity
with 4 gimbal modes:

F / POV / DM / Go mode

Empowering you to
explore your imagination



Figure 5: Overview of Gimbal Modes. The image shows a smartphone mounted on the gimbal, with text indicating the four available gimbal modes: F (Follow), POV (Point of View), DM (Dolly Zoom/Motion-lapse), and Go mode.

Ultralight ergonomic design



Seamless comfort,
enhanced grip for
stability

Figure 6: Ergonomic Design. This image highlights the compact and lightweight design of the gimbal, emphasizing comfort and enhanced grip for stability during use.



Figure 7: Advanced Shooting Features. This collage image illustrates various functionalities such as Gesture Control, Camera Filters, Face/Body/Object Tracking, Hitchcock Zoom, and Timelapse Mode, all accessible via the gimbal and its companion app.

SETUP

1. Unfolding the Gimbal

1. Gently unfold the gimbal arms until they lock into position.

2. Ensure all joints are securely extended before mounting your smartphone.

2. Mounting Your Smartphone

1. Extend the phone clamp and carefully place your smartphone in the center.
2. Ensure the phone is securely held and balanced. Remove any thick phone cases if they interfere with balancing.
The gimbal supports phones up to 250g.

3. Balancing the Gimbal

Proper balancing is crucial for optimal performance and battery life.

1. After mounting your phone, adjust its position within the clamp until it remains level when the gimbal is powered off.
2. Slight adjustments to the phone's position (left/right, up/down) may be necessary.

4. Powering On/Off

- To power on: Press and hold the power button for 3 seconds.
- To power off: Press and hold the power button for 3 seconds.

5. Connecting to the AOCHUAN App

1. Download the official AOCHUAN app from your smartphone's app store.
2. Enable Bluetooth on your smartphone.
3. Open the AOCHUAN app and follow the on-screen instructions to connect to your Smart XE gimbal.
4. The app provides access to various shooting modes, settings, and tutorials.

OPERATING THE GIMBAL

Basic Controls

- **Joystick:** Controls the pan and tilt movements of the gimbal.
- **Mode Button:** Cycles through different gimbal modes (F, POV, DM, Go).
- **Shutter/Record Button:** Press once to take a photo or start/stop video recording.
- **Zoom/Focus Wheel:** Rotate to adjust zoom or focus, depending on the selected mode in the app.
- **Vertical/Horizontal Switch:** Single-click to switch between portrait and landscape orientation.

Gimbal Modes

The Smart XE offers four distinct gimbal modes for versatile shooting:

- **F (Follow Mode):** The pan and tilt axes follow your movements, while the roll axis remains locked.
- **POV (Point of View Mode):** All three axes (pan, tilt, roll) follow your movements, providing a dynamic first-person perspective.
- **DM (Dolly Zoom/Motion-lapse Mode):** Specific mode for advanced cinematic effects like dolly zoom or for creating motion-lapse videos.
- **Go Mode:** Provides faster response for quick movements, ideal for capturing action shots.

AI Face Track 4.0

Activate AI Face Track 4.0 through the AOCHUAN app. This feature allows the gimbal to automatically track faces, bodies, or objects, keeping your subject in frame as they move.

Advanced Shooting Features (via App)

The AOCHUAN app unlocks a range of creative shooting modes:

- **Panorama:** Capture wide panoramic shots.
- **Wide-angle:** Utilize your phone's wide-angle lens for expansive views.
- **Cinematic:** Optimized settings for a cinematic look.
- **Film Mode:** Advanced video recording options.
- **Live-streaming:** Enhance your live broadcasts with stable footage.
- **Time-lapse:** Condense long events into short, dynamic videos.
- **Motion-lapse:** Time-lapse with controlled camera movement.
- **Gesture Control:** Initiate actions like photo taking or video recording with hand gestures.
- **Camera Filters:** Apply various filters to your footage.
- **Hitchcock Zoom:** A classic cinematic effect that changes the focal length while maintaining the subject size.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the gimbal. Avoid using liquid cleaners or solvents.
- **Storage:** When not in use, fold the gimbal and store it in a dry, cool place away from direct sunlight.
- **Battery Charging:** Charge the gimbal using the provided USB-C cable and a standard 5V/2A charger. A full charge provides up to 10 hours of continuous use. Avoid overcharging or completely draining the battery for optimal lifespan.
- **Firmware Updates:** Regularly check the AOCHUAN app for firmware updates to ensure optimal performance and access to new features.

TROUBLESHOOTING

Gimbal not powering on:

Ensure the battery is charged. Press and hold the power button for 3 seconds.

Gimbal is unstable or vibrating:

Check if the smartphone is properly balanced. Ensure all gimbal arms are securely locked. Recalibrate the gimbal via the AOCHUAN app if necessary.

Cannot connect to the AOCHUAN app:

Ensure Bluetooth is enabled on your phone and the gimbal is powered on. Restart both the gimbal and your phone. Try reinstalling the app.

Controls are unresponsive:

Check battery level. Restart the gimbal. Ensure the app is running and connected.

SPECIFICATIONS

Feature	Detail
Brand	AOCHUAN
Model Name	Smart XE
Color	Black
Compatible Devices	iPhone, Android phones (up to 250g)

Feature	Detail
Folded Dimensions (L x W x H)	18 cm x 10 cm x 10 cm
Maximum Recommended Weight	250 Grams
Image Stabilization	Yes (3-axis)
Video Capture Format	MP4
Video Capture Resolution	1080p
Audio Recording	No
Max Shutter Speed	1/60 seconds
Shooting Modes	Panorama, Wide-angle, Cinematic, Film Mode, Live-streaming, Time-lapse, Motion-lapse
Exposure Control Type	Automatic
Water Resistance Level	Not water resistant
Media Type	Video, Image
Viewfinder Type	LCD Screen (via phone)
Battery Capacity	2600 mAh (up to 10 hours)

WARRANTY AND SUPPORT

AOCHUAN is committed to customer satisfaction. Your purchase includes the APOCHUAN Smart XE gimbal, a tripod, a USB-C charging cable, and this user manual. For any questions, technical assistance, or warranty claims, please contact APOCHUAN customer support through the official website or the contact information provided in your purchase documentation.

You can also access video tutorials on the integrated app and the official APOCHUAN YouTube channel for expert guidance.

OFFICIAL PRODUCT VIDEOS

No official product videos from the seller were found in the provided data. Please refer to the APOCHUAN app or their official YouTube channel for video tutorials and demonstrations.

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