AOCHUAN Smart V8 Black

AOCHUAN Smart V8 Gimbal Stabilizer User Manual

Model: Smart V8 Black

Product Overview

The AOCHUAN Smart V8 is a versatile 3-axis gimbal stabilizer designed for smartphones, featuring a built-in 7.8-inch extension rod, AI tracking capabilities, and a full-screen OLED display. It is engineered to provide stable and professional-quality footage for vlogging, travel, and content creation.



Figure 1: Overview of the AOCHUAN Smart V8 Gimbal Stabilizer and its included accessories.

Setup Guide

1. **1. Attach the Mini Tripod:**
   Locate the mini tripod base. Align it with the screw mount at the bottom of the gimbal handle and rotate clockwise until securely fastened. This provides a stable base for tabletop use or extended shooting.



Figure 2: The mini tripod can be screwed into the base of the gimbal for stable placement.

2. **2. Charge the Gimbal:**
   Connect the provided Type-C charging cable to the charging port on the gimbal. Connect the other end to a suitable USB power adapter (not included). A full charge takes approximately 2 hours and provides up to 8 hours of continuous shooting.



Figure 3: The gimbal offers long-lasting battery life after a full charge.

3. **3. Mount Your Smartphone:**
   Gently pull apart the phone clamp and carefully insert your smartphone. Ensure the phone is centered and securely held within the clamp. The gimbal supports most iPhones and Android phones up to 7 inches (folding screen phones are not applicable).



Figure 4: Properly mounting your smartphone onto the gimbal for optimal balance.

4. **4. Power On and Pair via Bluetooth:**
   Press and hold the power button on the gimbal until the OLED display illuminates. On your smartphone, enable Bluetooth and search for "AOCHUAN Smart V8" to pair. Once connected, the gimbal's controls will be active.



Figure 5: The OLED display provides real-time status and function parameters.

5. **5. Download the AOCHUAN App:**
   For full functionality, including AI tracking and advanced shooting modes, download the official AOCHUAN app from your smartphone's app store (App Store for iOS, Google Play for Android). Follow the in-app instructions for calibration and feature utilization.



Figure 6: The AOCHUAN app unlocks creative shooting possibilities.

Operating Instructions

Basic Controls:

- **Power Button:** Press and hold to power on/off.
- **Joystick:** Use to manually control the pan and tilt movements of the gimbal.
- **Record/Photo Button:** Single press to start/stop video recording. Double press to take a photo.
- **Zoom/Focus Wheel:**
  - Press once to switch between zoom and focus control.
  - Rotate the wheel to adjust zoom level or focus.

Figure 7: The smooth control wheel allows for effortless zoom and focus adjustments.

- **Trigger Button:** Located on the front of the handle.
  - Double-tap to quickly re-center the smartphone.
  - Press and hold to activate Sport Mode (S Mode) for fast-moving scenes.



Figure 8: The convenient trigger button for quick re-centering and Sport Mode activation.

Advanced Features:

- **AI Tracking:**
  Utilize the advanced AI tracking technology through the AOCHUAN app. Select your subject, and the gimbal will automatically track and keep it in focus, even with 280° automatic rotation.



Figure 9: Smart AI tracking ensures your subject remains in frame.

- **Built-in Extension Rod:**
  The 7.8-inch aluminum alloy extension pole allows for versatile shooting angles, functioning as both a selfie stick and a phone gimbal for stable high- and low-angle shots.



Figure 10: The built-in extension rod provides additional reach for diverse shots.

- **Upgraded 8.0 Stability:**
  The 3-axis stabilization design combined with an enhanced 8.0 anti-shake algorithm ensures exceptionally smooth and professional footage in various environments.



Figure 11: The Smart 8.0 stability system ensures smooth video capture.

- **Seamless Landscape and Portrait Switching:**
  Easily switch between horizontal and vertical shooting modes to adapt to your content needs.



Figure 12: Effortlessly switch between landscape and portrait orientations.

- **DM-Mode (Rotation Mode):**
  Triple-click the mode button to enter Inception mode and shoot 180° rotated video for dynamic effects.



Figure 13: DM-Mode allows for unique rotational video effects.

- **S-Mode (Sport Mode):**
  Press and hold the trigger button to enter S mode, designed for capturing high-energy sports and fast-motion transition videos.



Figure 14: S-Mode is ideal for capturing dynamic and fast-paced action.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the gimbal. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the gimbal in a cool, dry place away from direct sunlight and extreme temperatures. Ensure it is powered off before storage.
- **Battery Care:** For optimal battery life, charge the gimbal fully before extended storage and recharge every three months if not in use.

Troubleshooting

Problem	Possible Cause	Solution
Gimbal does not power on.	Low battery.	Charge the gimbal fully.
Phone does not connect via Bluetooth.	Bluetooth is off on phone/gimbal, or pairing issue.	Ensure Bluetooth is enabled on both devices. Restart both devices and try pairing again. Check the AOCHUAN app for connection status.
Buttons/controls not responding.	App not connected or permissions missing.	Ensure the AOCHUAN app is open and connected. Grant all necessary permissions to the app on your smartphone. Restart the app and gimbal.
Gimbal is unstable or vibrates.	Phone not balanced or improper calibration.	Ensure your smartphone is perfectly centered in the clamp. Perform a gimbal calibration through the AOCHUAN app.

Specifications

- **Brand:** AOCHUAN
- **Model:** Smart V8 Black

- **Package Dimensions:** 7.64 x 6.1 x 2.91 inches
- **Item Weight:** 11.8 ounces
- **Batteries:** 1 Lithium Ion battery required (included)
- **Compatible Devices:** Cellphone (Not applicable for folding screen)
- **Maximum Weight Recommendation:** 0.6 Pounds
- **Folded Size:** 4.3 x 6.5 x 2 inches
- **Country of Origin:** China

Warranty and Support

For any issues or support inquiries regarding your AOCHUAN Smart V8 Gimbal Stabilizer, please message us directly on Amazon. Our customer support team is available to assist you with troubleshooting, product information, and warranty claims.

Visit the official AOCHUAN Store on Amazon for more products and information.

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.

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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