DJI CP.AS.AA000003.01

DJI Osmo Action Handlebar Mount User Manual

Model: CP.AS.AA000003.01

1. Introduction

1.1 Overview

The DJI Osmo Action Handlebar Mount is designed to securely attach your Osmo Action camera to various handlebars, offering exceptional flexibility for capturing dynamic footage. It provides 360° freedom of movement, enabling numerous shooting angles to suit your creative needs. This mount is engineered for easy, tool-free installation.

1.2 Compatibility

This handlebar mount is compatible with the following DJI Osmo Action camera models:

- Osmo Action 5 Pro
- Osmo Action 4
- Osmo Action 3
- DJI Action 2
- Osmo Action

1.3 What's in the Box

Upon unboxing, you should find the following components:

- Osmo Action Handlebar Mount x 1
- Osmo Locking Screw x 1


OSMO

Figure 1: Contents of the DJI Osmo Action Handlebar Mount package.

2. Setup and Installation

The Osmo Action Handlebar Mount is designed for quick and easy installation without the need for additional tools. Ensure your handlebar is compatible before proceeding.

2.1 Handlebar Compatibility

The mount supports round handlebars with diameters ranging from 8–16 mm and 22–35 mm. Handlebars that do not have a round cross-section are not supported and may result in an unstable attachment.

2.2 Mounting Steps

1. **Open the Clamp:** Loosen the large knob on the handlebar clamp to open it wide enough to fit around your bicycle or motorcycle handlebar.
2. **Position the Mount:** Place the open clamp around the desired section of your handlebar. Ensure the rubber padding inside the clamp makes full contact with the handlebar for a secure grip.
3. **Tighten the Clamp:** Hand-tighten the large knob until the mount is firmly secured to the handlebar. Do not overtighten, but ensure there is no movement or slippage.
4. **Attach the Camera:** Align your DJI Osmo Action camera's mounting frame with the universal mount on the handlebar holder. Insert the Osmo Locking Screw through the camera's frame and the mount, then tighten the screw to secure the camera.



Figure 2: The handlebar mount assembled and ready for camera attachment.

3. Operating the Mount

Once installed, the DJI Osmo Action Handlebar Mount allows for flexible positioning of your camera to achieve various shooting angles.

3.1 Adjusting Camera Angle

The mount features a ball joint mechanism that provides 360° rotation and tilt capabilities. To adjust the camera angle:

1. **Loosen the Adjustment Knob:** Locate the smaller knob on the mount that controls the ball joint. Turn it counter-clockwise to loosen the joint.

2. **Position the Camera:** Carefully move your camera to the desired angle and orientation. The 360° rotation allows for horizontal, vertical, or any intermediate angle.
3. **Secure the Angle:** Once the camera is in the desired position, tighten the adjustment knob by turning it clockwise until the camera is firmly held in place and does not move freely.



Figure 3: The mount's adjustable joint allows for versatile camera positioning.

4. Maintenance

Proper maintenance ensures the longevity and optimal performance of your DJI Osmo Action Handlebar Mount.

- **Cleaning:** Wipe the mount with a soft, damp cloth to remove dust and dirt. Avoid using harsh chemicals or abrasive materials that could damage the finish or rubber components.
- **Inspection:** Periodically inspect all parts of the mount, especially the clamp and the locking screw, for any signs of wear, damage, or corrosion. Ensure the rubber padding inside the clamp is intact.
- **Storage:** When not in use, store the mount in a clean, dry place away from direct sunlight and extreme temperatures.

5. Troubleshooting

If you encounter issues with your handlebar mount, refer to the following common problems and solutions:

- **Mount is Loose on Handlebar:**
  Solution: Ensure the handlebar diameter is within the supported range (8–16 mm or 22–35 mm). Re-tighten the large clamp knob firmly. If the handlebar is not round, the mount may not achieve a secure grip.
- **Camera is Not Stable/Moves After Adjustment:**
  Solution: Ensure the smaller adjustment knob for the ball joint is tightened sufficiently after positioning the camera. Check that the camera's mounting frame is properly aligned with the mount and the locking screw is fully tightened.
- **Difficulty Attaching/Detaching Camera:**
  Solution: Ensure the locking screw is fully loosened before attempting to remove the camera. If attaching, ensure the camera's frame is correctly aligned with the mount's slot before inserting the screw.

6. Specifications

Feature	Specification
Model Number	CP.AS.AA000003.01
Dimensions (L×W×H)	182.31 × 72.96 × 25.60 mm
Weight (Handlebar Mount)	149 g
Weight (Locking Screw)	11.2 g
Supported Handlebar Diameter	8–16 mm and 22–35 mm (round cross-section only)
Material	Durable composite and metal

7. Warranty and Support

For warranty information and detailed support, please refer to the official DJI website or contact DJI customer service directly. Keep your proof of purchase for any warranty claims.
You can find more information and contact details on theOfficial DJI Store.

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