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## Cubonic M1 3 Axis Merak One Gimbal

# Cubonic M1 3-Axis Merak One Gimbal User Manual

Model: M1 3 Axis Merak One Gimbal | Brand: Cubonic

## INTRODUCTION

Thank you for choosing the Cubonic M1 3-Axis Merak One Gimbal. This device is designed to provide stable and smooth footage for your smartphone photography and videography, enhancing your creative capabilities. With its advanced stabilization technology, intuitive controls, and app connectivity, the M1 Gimbal is an essential tool for capturing professional-quality content.





Image: The Cubonic M1 3-Axis Merak One Gimbal, shown with a smartphone attached, ready for use. The gimbal features a foldable design and integrated tripod feet for versatile shooting.

## WHAT'S IN THE BOX

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Please check the package contents upon unboxing:

- Cubonic M1 3-Axis Merak One Gimbal
- Charging Cable
- User Manual (this document)
- Hanging Cord

## PRODUCT FEATURES

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- **3-Axis Stabilization:** Provides smooth and stable video footage by compensating for unwanted movements.
- **Bluetooth Connectivity:** Seamlessly connect to your smartphone for remote control and advanced features.
- **App Controlled:** Unlock full potential with the dedicated mobile application for enhanced shooting modes and settings.
- **Long Battery Life:** Built-in 2200 mAh battery offers up to 12 hours of operation.
- **One-Key Operation:** Simplifies shooting with intuitive controls.

- **Adjustable Levels:** 8 levels of adjustment to meet various shooting needs.
- **360-Degree Rotating Gimbal:** Ensures flexibility and stability in all orientations.
- **Foldable Design:** Easy to pack and carry for on-the-go use.

## Easy to Pack, Handy to Use

Fold or unfold in one step



Image: The gimbal's foldable design, illustrating how it can be easily compacted for storage and portability, fitting into a small bag.

### SETUP

1. **Charge the Gimbal:** Before first use, fully charge the gimbal using the provided charging cable. Connect the cable to the charging port on the gimbal and a USB power source. The indicator lights will show charging status.
2. **Unfold the Gimbal:** Gently unfold the gimbal from its compact state until it locks into the operating position.
3. **Mount Your Smartphone:** Extend the phone clamp and carefully place your smartphone into the clamp. Ensure the phone is securely seated and centered.
4. **Balance the Smartphone:**
  - Adjust the phone's position within the clamp until it is roughly balanced horizontally.

- Slightly loosen the roll axis lock (if applicable) and adjust the arm until the phone remains level when released. Tighten the lock.
- Power on the gimbal. The gimbal will automatically balance and stabilize the phone.

5. **Power On/Off:** Press and hold the power button for a few seconds to turn the gimbal on or off.

6. **Bluetooth Connection:**

- Enable Bluetooth on your smartphone.
- Open the dedicated gimbal app (refer to the app section for details).
- Search for and connect to the gimbal (usually named "Cubonic Gimbal" or similar) within the app or your phone's Bluetooth settings.

## OPERATING INSTRUCTIONS

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The Cubonic M1 Gimbal offers various controls and modes for optimal shooting.

### Basic Controls:

- **Joystick:** Controls the pan and tilt movements of the gimbal.
- **Mode Button:** Cycles through different operating modes (e.g., Pan Follow, Lock Mode).
- **Shutter Button:** Press once to take a photo, press and hold to start/stop video recording (when connected via Bluetooth).
- **Zoom Slider:** Adjusts the zoom level of your smartphone camera (when connected via app).

### Switching Orientation:

Easily switch between horizontal (landscape) and vertical (portrait) shooting modes with a single key switch.

# Two methods, arbitrary switching

Landscape, portrait, whatever you choose



Image: Demonstration of the one-key switch feature, allowing users to quickly change between horizontal and vertical shooting orientations.

## MODES OF OPERATION

The gimbal supports several intelligent modes to enhance your shooting experience:

### Pan Following Mode (PF)

In this mode, the tilt axis and roll axis are locked, and the lens rotates with the direction of the handle. Ideal for smooth horizontal tracking shots.

### Horizontal Lock Mode (HL)

The roll axis remains horizontal, and the lens rotates in the direction of the handle. This mode is useful for maintaining a level horizon while panning.

## FPV First Person View (FPV)

The lens follows the projection direction of the handle to simulate a first-person visual effect, allowing for dynamic and immersive shots.

## Global Lock (GL)

Press and hold the trigger button to enter into full lock mode under PF/HL mode. All axes are locked, keeping the camera fixed on a single point.

### Pan Following Mode(PF)

Tilt axis and roll axis keep the same direction, and the lens rotates with the direction of the handle



### Horizontal Lock Mode(HL)

Roll axis remains horizontal, and the lens rotates in the direction of the handle.



### FPV First Person View(FPV)

The lens follows the projection direction of the handle to simulate the first-person visual effect



### Global Lock (GL)

Press and hold the trigger button to enter into full lock under PF/HL mode



Image: Visual representation of the gimbal's various operational modes, including Pan Following, Horizontal Lock, FPV, and Global Lock, showing how the camera moves in each mode.

## BATTERY AND CHARGING

The Cubonic M1 Gimbal is equipped with a built-in 2200 mAh Lithium Ion battery, providing extended usage time.

- **Battery Life:** Up to 12 hours on a full charge, depending on usage.

- **Charging:** Use the provided USB charging cable. Connect it to the gimbal's charging port and a standard USB power adapter (not included).
- **Charging Indicators:** LED lights on the gimbal indicate the battery level and charging status.
- **Charging Time:** Approximately 2-3 hours for a full charge.



Image: The gimbal connected to a charging cable, highlighting its long battery life for extended shooting sessions.

## APP FEATURES

Download the official Cubonic gimbal app from your smartphone's app store (iOS App Store or Google Play Store) to unlock advanced features and control options.

- **One-Click Photography:** Capture photos instantly through the app interface.
- **Direction Control:** Precise control over gimbal movement using virtual joystick or touch controls.
- **Focus Adjustment:** Fine-tune camera focus directly from the app.
- **Intelligent Shooting Modes:** Access features like time-lapse, panorama, and object tracking.
- **Firmware Updates:** Keep your gimbal updated with the latest features and improvements via the app.

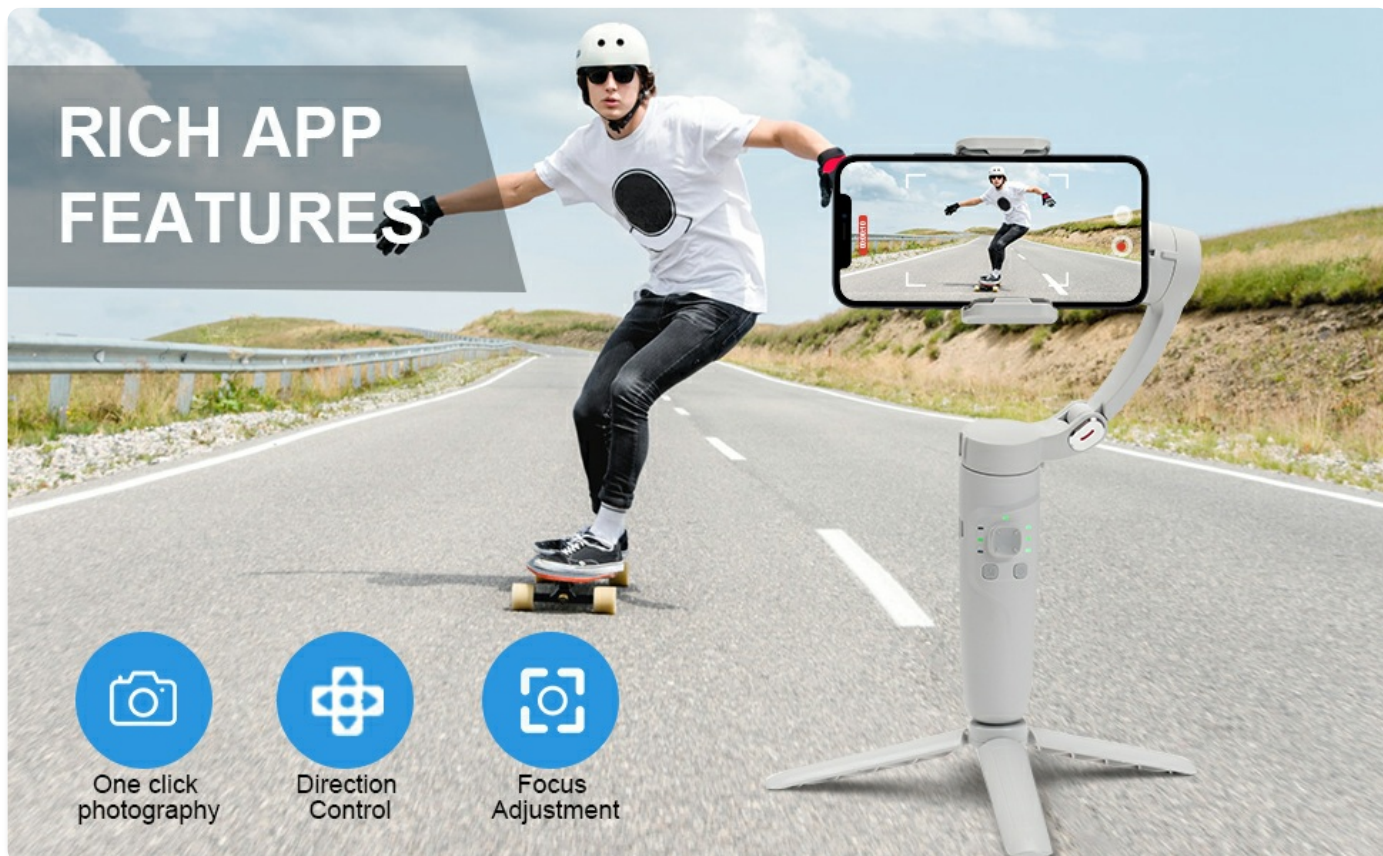


Image: The gimbal in use, demonstrating the rich app features available for enhanced control over photography and videography, including one-click capture and focus adjustment.

## 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. Ensure it is folded and securely packed.
- **Battery Care:** If storing for an extended period, charge the battery to about 50-60% to prolong its lifespan. Recharge every 3 months.
- **Avoid Overloading:** Do not mount smartphones heavier than the recommended maximum weight (3 Kilograms).
- **Handle with Care:** Avoid dropping or subjecting the gimbal to strong impacts.

## TROUBLESHOOTING

| Problem                        | Possible Cause                                              | Solution                                                                                  |
|--------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Gimbal not powering on.        | Low battery; Power button not held long enough.             | Charge the gimbal fully; Press and hold the power button for 3-5 seconds.                 |
| Unstable footage/vibration.    | Smartphone not balanced; Gimbal overloaded; Firmware issue. | Re-balance the smartphone; Ensure phone weight is within limits; Update firmware via app. |
| Cannot connect via Bluetooth.  | Bluetooth off; App not open; Interference.                  | Ensure Bluetooth is on; Open the gimbal app; Restart phone and gimbal.                    |
| Buttons/Joystick unresponsive. | Gimbal frozen; Low battery.                                 | Restart the gimbal; Charge the gimbal.                                                    |

## SPECIFICATIONS

|                               |                                                       |
|-------------------------------|-------------------------------------------------------|
| Brand                         | Cubonic                                               |
| Model                         | M1 3 Axis Merak One Gimbal                            |
| Product Dimensions            | 5D x 8W x 20H Centimeters (50 x 80 x 200 Millimeters) |
| Item Weight                   | 400 Grams                                             |
| Battery Type                  | 1 Lithium Ion battery (included)                      |
| Battery Capacity              | 2200 mAh                                              |
| Maximum Weight Recommendation | 3 Kilograms                                           |
| Compatible Devices            | Cellphone                                             |

## WARRANTY AND SUPPORT

For warranty information and technical support, please contact Cubonic India.

- **Manufacturer:** Cubonic India R 1/5 Rajnagar, Ghaziabad, U.P.-201001
- **Customer Care Whatsapp:** +91 7011410155

Please retain your proof of purchase for warranty claims.

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This manual is for informational purposes only. Specifications are subject to change without notice.