

Qukaim M02

Qukaim TOKQI M02 AI 3-Axis Handheld Stabilizer

User Instruction Manual

1. INTRODUCTION

Thank you for choosing the Qukaim TOKQI M02 AI 3-Axis Handheld Stabilizer. This device is engineered to provide smooth, stable, and professional-quality video footage and photos with your smartphone. Featuring advanced 3-axis stabilization, AI tracking, gesture control, and multiple gimbal modes, the M02 enhances your mobile videography experience. Please read this manual thoroughly before using the product to ensure proper operation and to maximize its potential.

2. SAFETY INFORMATION

- Do not expose the device to water or moisture.
- Avoid dropping or subjecting the device to strong impacts.
- Keep the device away from extreme temperatures (high or low).
- Do not attempt to disassemble or repair the device yourself. Contact qualified service personnel.
- Use only the provided charging cable and a compatible 5V 2A charger.
- Ensure your smartphone is securely mounted before powering on the stabilizer.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x Gimbal Stabilizer
- 1 x AI Module
- 1 x Mini Tripod

- 1 x Type-C Charging Cable
- 1 x User Manual (English)
- 1 x Storage Bag

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your Qukaim TOKQI M02 stabilizer.



Image: The Qukaim TOKQI M02 AI 3-Axis Handheld Stabilizer, showing the main gimbal unit with a smartphone mounted, the detachable AI module, and the mini tripod.

Key Components:

- **Phone Clamp:** Securely holds your smartphone.
- **Roll Axis Motor:** Controls the roll movement.
- **Tilt Axis Motor:** Controls the tilt movement.
- **Pan Axis Motor:** Controls the pan movement.
- **Control Panel:** Features joystick, mode button, power button, and indicator lights.
- **Handle:** Ergonomic grip for comfortable use.
- **AI Module Slot:** For attaching the AI tracking module.
- **1/4" Screw Hole:** For attaching the mini tripod or other accessories.
- **Type-C Charging Port:** For charging the stabilizer.

5. SETUP

5.1 Charging the Stabilizer

Before first use, fully charge the stabilizer. Connect the provided Type-C charging cable to the charging port on the handle and plug the other end into a 5V 2A power adapter (not included). The indicator light will show charging status and turn off when fully charged.

5.2 Attaching the Phone

1. Extend the phone clamp.
2. Carefully place your smartphone into the clamp, ensuring it is centered and secure.
3. Ensure the phone's thickness is within 11mm and the width is between 50mm-90mm.

5.3 Balancing the Phone

While the M02 features automatic balancing, for optimal performance, manually adjust the phone's position in the clamp to be as balanced as possible before powering on. The phone should remain relatively level when released from the clamp.

5.4 Attaching the AI Module

The AI module provides intelligent tracking without needing an app.

1. Locate the AI module slot on the top of the phone clamp.
2. Slide the AI module into the slot until it clicks into place.
3. Ensure the AI module's camera faces the subject you wish to track.

5.5 Attaching the Mini Tripod

The mini tripod can be attached to the 1/4" screw hole at the bottom of the stabilizer handle for stable tabletop shooting or as an extended grip.

Equipped With Tripod

Free your hands for easy shooting.



1/4 "standard
screw



Image: The Qukaim TOKQI M02 stabilizer with the mini tripod attached to its base, demonstrating its use for stable placement.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

- **Power On:** Press and hold the power button for 3 seconds.
- **Power Off:** Press and hold the power button for 3 seconds.

6.2 Gimbal Modes

The M02 offers seven versatile gimbal modes to suit various shooting scenarios. Press the Mode button to cycle through them.

Seven Gimbal Modes

Simple mirror movement can shoot the same blockbuster as the photographer



Image: A visual representation of the seven distinct gimbal modes available on the Qukaim TOKQI M02 stabilizer, including Semi-follow, Full-follow, Fully Locked, POV, Inception Space, Semi-follow Go, and Full-follow Go modes.

- **Semi-Follow Mode:** Pan and Tilt axes follow, Roll axis is locked.
- **Full-Follow Mode:** All three axes (Pan, Tilt, Roll) follow your movement.
- **Fully Locked Mode:** All three axes are locked, keeping the camera pointing in a fixed direction.
- **POV Mode:** Point of View mode, all three axes follow your movement, providing an immersive perspective.
- **Inception Space Mode:** Allows for 360-degree rotation along the roll axis, creating a spinning effect.
- **Semi-Follow Go Mode:** Faster response for pan and tilt, suitable for dynamic shots.
- **Full-Follow Go Mode:** Faster response for all three axes, ideal for fast-paced action.

6.3 Horizontal and Vertical Shooting

The M02 supports quick switching between horizontal (landscape) and vertical (portrait) shooting modes without manual adjustment.

- **Switching Mode:** Double-click the 'M' (Mode) key on the control panel. The phone holder will automatically rotate 360 degrees to switch orientation.

Horizontal And Vertical shooting

No need to adjust by hand, meets multi-scene shooting



Double-click the M key

Image: The Qukaim TOKQI M02 stabilizer showcasing its ability to switch between horizontal and vertical shooting orientations with a simple double-click of the 'M' key.

6.4 Remote Control Usage

The detachable remote control allows for convenient remote operation.

- **Pairing:** The remote control is pre-paired with the stabilizer. If re-pairing is needed, refer to the specific instructions in the included small remote manual.
- **Functions:** The remote typically controls basic functions like photo capture, video recording, and possibly gimbal movement (check remote manual for details).
- **Range:** The remote control has a range of up to 10 meters.

6.5 AI Tracking and Gesture Control

With the AI module attached, the stabilizer can intelligently track subjects and respond to gestures.

- **AI Tracking:** Once the AI module is active, it will automatically identify and track a subject in its field of view. No app is required.
- **Gesture Control:** Use specific hand gestures (e.g., open palm, 'V' sign) to initiate photo capture or video recording. Refer to the AI module's specific instructions for recognized gestures.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the stabilizer. Do not use liquid cleaners or solvents.
- **Storage:** Store the stabilizer in a cool, dry place, away from direct sunlight and extreme temperatures. Use the provided storage bag for protection.
- **Battery:** For long-term storage, charge the battery to approximately 50-60% every three months to maintain battery health.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Gimbal not powering on.	Low battery.	Charge the stabilizer fully.
Gimbal vibrates or shakes.	Phone not balanced; payload too heavy/light.	Ensure phone is centered and within payload range (max 280g). Re-balance.
Remote control not working.	Remote battery low; not paired.	Replace remote battery; re-pair remote if necessary (refer to remote manual).
AI tracking not working.	AI module not attached correctly; poor lighting.	Ensure AI module is securely attached. Ensure adequate lighting for tracking.
Cannot switch between horizontal/vertical.	Incorrect button press.	Double-click the 'M' (Mode) button quickly.

9. SPECIFICATIONS

Feature	Specification
Rotation Angle (Tilt)	320°
Rotation Angle (Roll)	345°
Rotation Angle (Pan)	320°
Battery Capacity	3.7V 2600 mAh
Battery Life	6 hours
Charging Input	5V 2A
Remote Control Distance	10 m
Payload Range	Max 280 g
Phone Clamp Range	50 mm - 90 mm
Max Smartphone Thickness	11 mm

Feature	Specification
Compatible Mobile System	Android 9.0 or above; iOS 11 or above
Product Dimensions (Folded)	157 x 106 x 65 mm
Net Weight	360 g

10. WARRANTY AND SUPPORT

Qukaim products are designed and manufactured to the highest quality standards. This product comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included in your package or contact your local distributor.

For technical support, troubleshooting assistance, or inquiries about spare parts, please contact Qukaim customer service through the contact information provided on the product packaging or the official Qukaim website. Please have your model number (M02 / QukaimBLAD13757YYZK-2) and purchase details ready when contacting support.