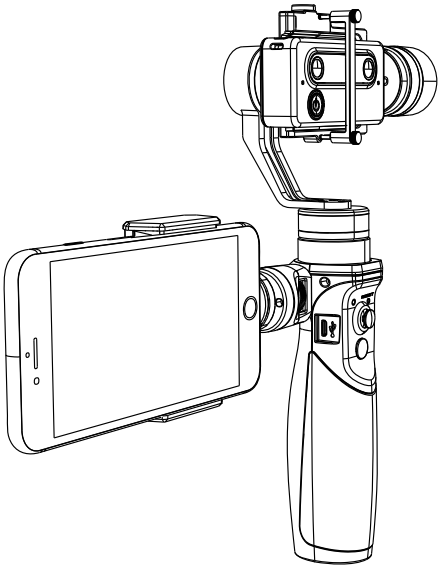


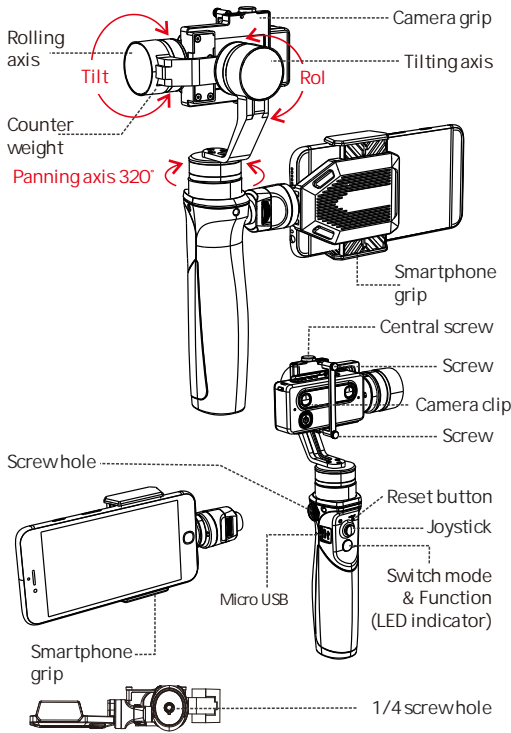
Gimbal User Manual



3Axis Stabilizing Gimbal

1. Introduction

• Product Overview



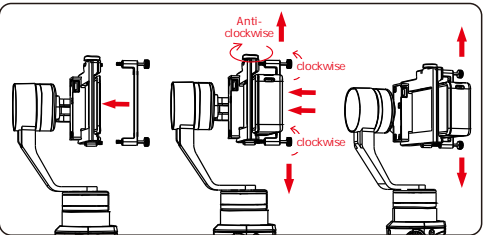
• In the Box

- Smart phone grip x 1
- Pouch x 1
- Micro USB cable x1
- User manual x 1
- Camera clip subassembly x1

2. Installation Guide

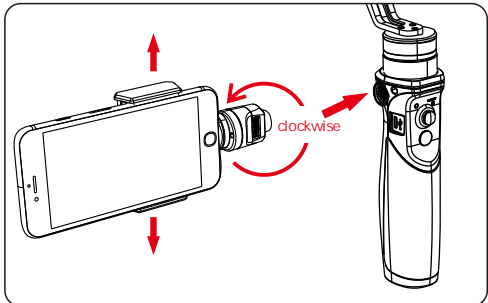
• Attention! Please install the camera and adjust balance in rolling axis before powering on the stabilizer.

2.1 Install the camera



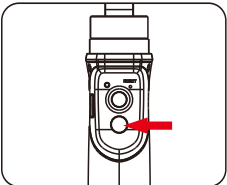
As show above,the camera clip subassembly is mounted on the camera' s fixed base,moved to the left, load into the camera, and tightened the screws.

2.2 Install smartphone



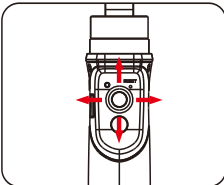
Insert the smartphone grip into the screwhole of the left side of the hand shank and clockwise it.Pull up the installation grip to an appropriate width and put the smartphone into the phone grip.Please make sure the phone is installation tightly and then go to next step.

2.3 Power on



After confirm the smartphone has been installed well,please press the function buttom till the bluetooth light flashing quickly for 2s. Then the device will be powered on.

2.4 Switch mode & Function



Pressing the joystick button can switch the working mode. Pressing the function button can take photo and record. Detailed instruction see as follows.

3. Working Mode & Operation Instructions

• LED Indicator

Indicator status	Mode	Description
Single Flash	Panning Mode	smartphone is allowed to pan left or right. Vertical tilts or rolls are restricted
Double Flash	Panning and tilting Mode	smartphone is allowed to pan left or right and tilt up and down. Rolls are restricted
Triple Flash	Lock Mode	All panning, tilting and rolling are restricted

Attention! It is low power warning when LED indicator flashes quickly. Please charge the stabilizer

• Joystick Operation

Operation	Function	Description
Single Tap	Switch working mode	Switch to panning mode
Double Tap		Switch to Panning and tilting mode
Triple Tap		Panning,tilting and rolling axis are fixed
Long Tap	Pitch angle adjustment	/
Long Tap	Off-line initialization	/
Up, down	Tilting angle	/
Left, right	Panning angle adjustment	Panning and tilting mode

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

6. Attention

Please install and use in accordance to the user manual!. Please charge the stabilizer with the provided USB cable. Please install the smartphone securely before powering on the stabilizer. You are solely responsible for all behaviors of purchase and use of the products. The device, nor any of its affiliates, are not liable nor responsible in any way for your use of it. Prohibit any use for any illegal purchase. For any unknown and/or illegal sources of purchasing or using, we will not provide any service.

Warning

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

ROHS

This product is in compliance with Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011, on the restriction of the use of certain hazardous substances in electrical equipment.

5. Calibrating The Stabilizer

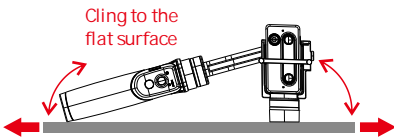
5.1 Stabilizer needs to be calibrated whenever the following situations appear after power on:

- After power on, the angle of tilt/pan is not level with the horizon line;
- After power on, the angle of roll is not parallel with horizon line;
- When the stabilizer is in static panning, the angle of panning moves frequently.

5.2 Stabilizer calibration method

No 1: Off-line initialization

- Power on, wait 3s, ensure the stabilizer is working normally. Long press joystick over 6s, all motors will be off, meanwhile function button
- Put the stabilizer on the flat surface as shown in the figure, make sure there is no vibration, and check function button indicator, If consecutively flashing three times, it means initialization finished.
- Note: It must put on a horizontal surface, and no vibration between the stabilizer and the surface, and easy to view the LED indicator status
- After calibration, switch off the power of stabilizer and restart it to confirm successful calibration. If not calibrated successfully, redo the calibration procedure.



• Function Button Operation

Operation	Function
Long Press	Power on/off

• Parameters

Features	Standard	Description	Remarks
Working Voltage	3.7V	3.3V~4.2V	/
Tilting angle	0° Horizon	320°	/
Rolling angle	Start/Stop video	320°	Vertical hold
Panning angle	Start/Stop video	320°	Vertical hold
Overload Current Protection	2A		
Product size	421*197.6*47.2mm		
Weight	507g Without package and accessories		
Adaptation	iPhone7 Plus/6 Plus/6s Plus iPhone7/6s/6 iPhone5/5s /SE and other smartphones with similar dimensions		

4. User Advice

- In order to achieve better shooting performance, keep stable and slow movement when shooting.
- Tilting angle adjustment: when working, control joystick in up/down direction to adjust the tilt angle you want, then single press joystick to lock the angle.
- Spot shooting: If shooting a stable object, after adjust the tilt angle, enter lock mode, then you can shoot it for a long time.

