

JOBY®
smartstabilizer

3-Axis Handheld Stabilizer for Smartphone

JB01656-BWW

Quick Guide

Controls and operations

1. Status indicator

The current mode of the stabilizer can be identified by the indicator status as follows:

Indicator status	Mode / Status
Blue light flashes once	Pan mode
Blue light flashes twice	Follow mode
Constant blue light	Lock mode / stabilizer initialization / motion control mode
Blue light keeps flashing	Initialization failure/ malfunction
Red light flashes three times	Low power
Red light keeps flashing	Stabilizer powering off



2. Bluetooth shutter release button

By connecting via Bluetooth or App you can trigger pictures and videos on your phone as follows:

Button	Actions
Single click	Take a photo
Press & Hold	Start video recording / Stop video recording



Note: Single click during video recording allows taking a picture. You can tap the Bluetooth shutter release button during a single recording session as many times as you like to take multiple stills.

Troubleshooting: if the stabilizer fails to connect to the App, power off the stabilizer. Press and hold both the Bluetooth shutter release button and the function button to reset the Bluetooth connection.

3. Joystick control

The stabilizer joystick can control pan (move the joystick right/left) and tilt (move the joystick up/down).

If the stabilizer is in follow mode, the joystick can control the roll axis angle (-30° ~ $+30^{\circ}$) when moved right/left.



4. Other controls and functions

Function button	Function	Explanation
Single click	Pan Mode / Lock Mode	Single tap to switch between pan mode and lock mode
Double click	Follow mode	When in follow mode you can use the joystick left/right to control the roll axis angle (-30° ~ $+30^{\circ}$) or up/down to control the tilt axis angle. When in follow mode, click the function button once to return to pan mode
Triple click	Switching camera lens	It needs to be used with the App
Four clicks	Motion control mode	Both the pan and tilt directions can be rotated
Five clicks	Reset	After the reset succeeds or fails, you can click the function button to restart the stabilizer
Trigger button	Function	Explanation
Press & Hold	Temporary Lock	In the pan mode or follow mode, holding the trigger button temporarily locks pan and tilt until released
Double click	Reset to default	Centers the camera away from the user on all 3 axes (pan, tilt and roll) and switches back to the default pan mode
Control slider	Function	Explanation
Sliding up-down	Adjust parameters	Adjust phone camera parameters when using the stabilizer App

5. Automatic rotation of the smartphone

From horizontal to vertical:

- (1) Hold the stabilizer horizontally parallel to the ground.
- (2) Press and hold the trigger button and at the same time click once on the function button.

Form vertical to horizontal (reset):

- (1) Hold the stabilizer horizontally parallel to the ground.
- (2) Double click on the trigger button.

Note: The automatic rotation function works **ONLY** if the stabilizer is held horizontally parallel to the ground.



Operation modes

Pan mode (Default mode) — The roll and tilt directions are fixed, and the smartphone moves according to the hand movement direction of the user.

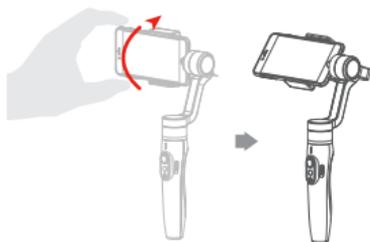
Follow mode — The roll direction is fixed, and the smartphone moves according to the hand movement direction of the user.

Lock mode — The orientation of the smartphone is fixed.

Reset — Return to pan mode (default mode).

Manual Lock

Smartphone can be manually positioned while in pan mode, follow mode and lock mode. Both the pan and tilt can be manually set.



Manually move smartphone to desired position, and hold for half a second. New tilt and/or pan positions are automatically saved.

Motion Control Mode

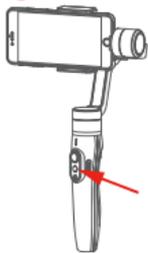
The stabilizer can easily create constant speed movement by using the motion control mode. This mode can be used for recording both regular video and timelapse photography. For best results, attach the stabilizer to the included tripod to keep it completely still.

1. Set motion speed in the App

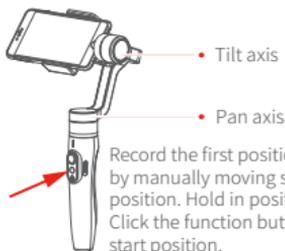
To set the motion speed, connect to the App and select desired speed from the motion control option in the settings menu.

Smart stabilizer rotation speed												
12 seconds / turn	18 seconds / turn	24 seconds / turn	30 seconds / turn	1 minute / turn	2 minutes / turn	4 minutes / turn	8 minutes / turn	15 minutes / turn	30 minutes / turn	1 hour / turn (default)	4 hours / turn	8 hours / turn

2. Enter motion control mode by clicking the function button 4 times

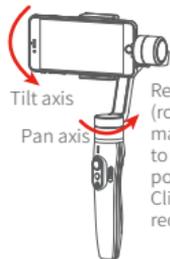


3. Set rotation start position



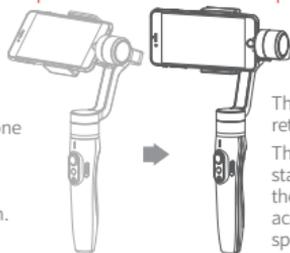
Record the first position (rotation start position) by manually moving smartphone to desired position. Hold in position for half a second. Click the function button to record rotation start position.

4. Set rotation end position



Record the second position (rotation end position) by manually moving smartphone to desired position. Hold in position for half a second. Click the function button to record rotation end position.

5. The stabilizer moves from rotation start position to rotation end position



The stabilizer automatically returns to the start position. The tilt axis and the pan axis start to rotate uniformly from the start to the end position according to the set rotation speed.

Exit operations:

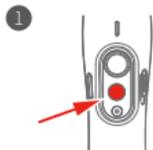
When in motion control mode, you can double click the trigger button to reset the stabilizer to the default mode.

After the auto-rotation is finished, the stabilizer automatically exits auto-rotation mode and enters follow mode.

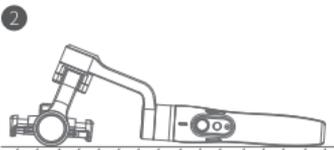
Stabilizer reset

Reset stabilizer when:

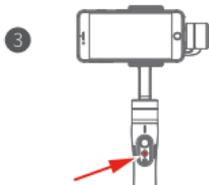
- (1) Smartphone fails to remain level.
- (2) The stabilizer has not been used for a long period of time.
- (3) The stabilizer is used in extreme temperature variations.



Click the function button five times. The motors will stop working. Status indicator turns solid blue.



Place the stabilizer on a flat, horizontal surface. The stabilizer will automatically reset after a few seconds detecting no movement. The blue light will flash three times to indicate end of the reset process.



After the reset is successful, click the function button to restart.

Note: if the reset is not successful, click the function button to restart. Try the reset process again.

App download and firmware upgrade

1. App download



iOS Version



Android Version

For iOS users: scan the QR code or go to the App Store and search for "Smart Stabilizer".

For Android users: scan the QR code or go to Google Play and search for "Smart Stabilizer".



App Store



Google play

2. Firmware upgrade

Connect the stabilizer to the App to upgrade the firmware.



Smart Stabilizer

