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**G-stabilizer ®**

**Two      Axis      Gyro**

**Stabilizer**

**Operation Manual**

## **Features**

1. Ready to run, everything is assembled already and built in.
2. Quiet, and easy to balance DSLR sized cameras.
3. High strength and lightweight design with carbon fiber rods.  
Looks simple, and is simple to use.
4. Work in different modes, such as Follow mode in Pitch, YAW  
Lock mode in Roll.
5. Brushless motor, max driving up to 2.5KG.
6. High precision control, the control accuracy:  $\pm 0.05^\circ$  .
7. Intelligent steady system, maintains the smooth image.

## **Specifications**

1. Mode of operation: Follow mode in Pitch, YAW Lock mode in  
Roll
2. The control accuracy:  $\pm 0.05^\circ$
3. Max load weight: 2.5KG (CAMERA body + lens)
4. Support the camera mode: DSLR Camera (such as  
Canon 5D2, 5D3, Nikon D800 and so on); BMCC etc.

5. Support the lens: focal length  $\leq 100\text{mm}$ , recommend using wide-angle lens, such as 16-35mm, 17-40mm
6. Power supply time: 1 hour (with original battery)
7. Product size: 410mm\*300mm\*260mm
8. Product weight: 1.9KG
9. The size of the inside camera frame:  $\leq 180\text{mm}$
10. Standard accessories: G-stabilizer \*1, battery \*1,  
battery charger \*1

### **Working Pattern**

Mode of operation	YAW Lock mode in Roll	Follow mode in Pitch
Control mode	Camera lens direction remains unchanged	The pitch arm rotating up and down : control the up- and- down of the mount plate  The pitch arm swing from left to right: control the rolling of the mount plate
Lens angle	Unchanged	Changeable
Lens pointing direction	Unchanged	In the same direction as the stabilizer

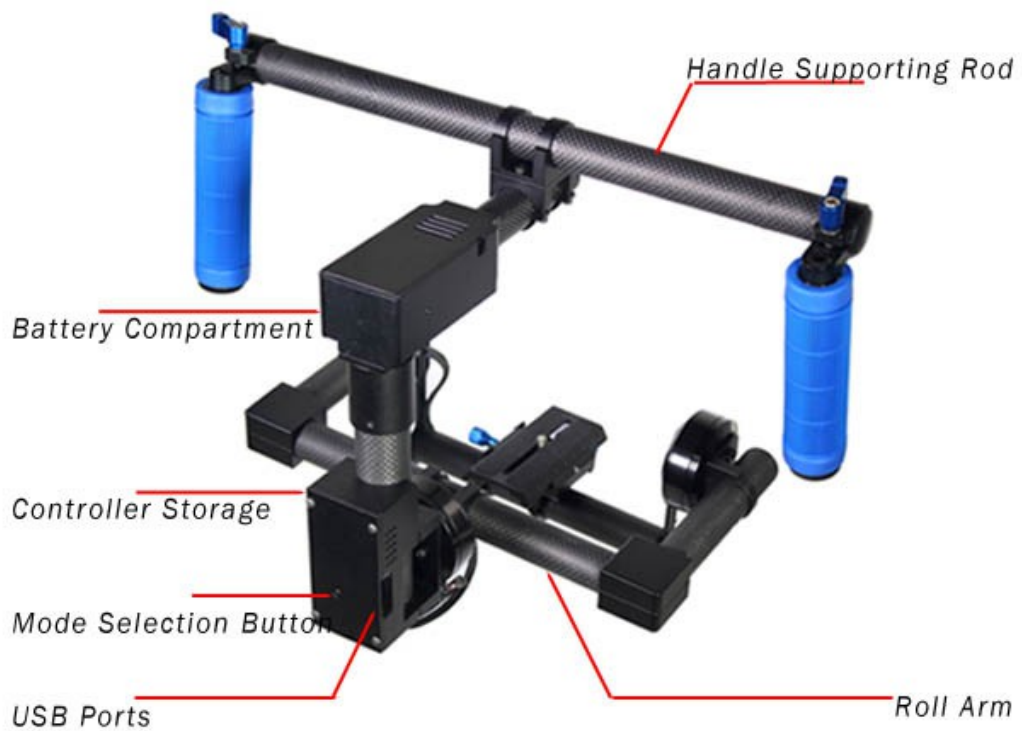
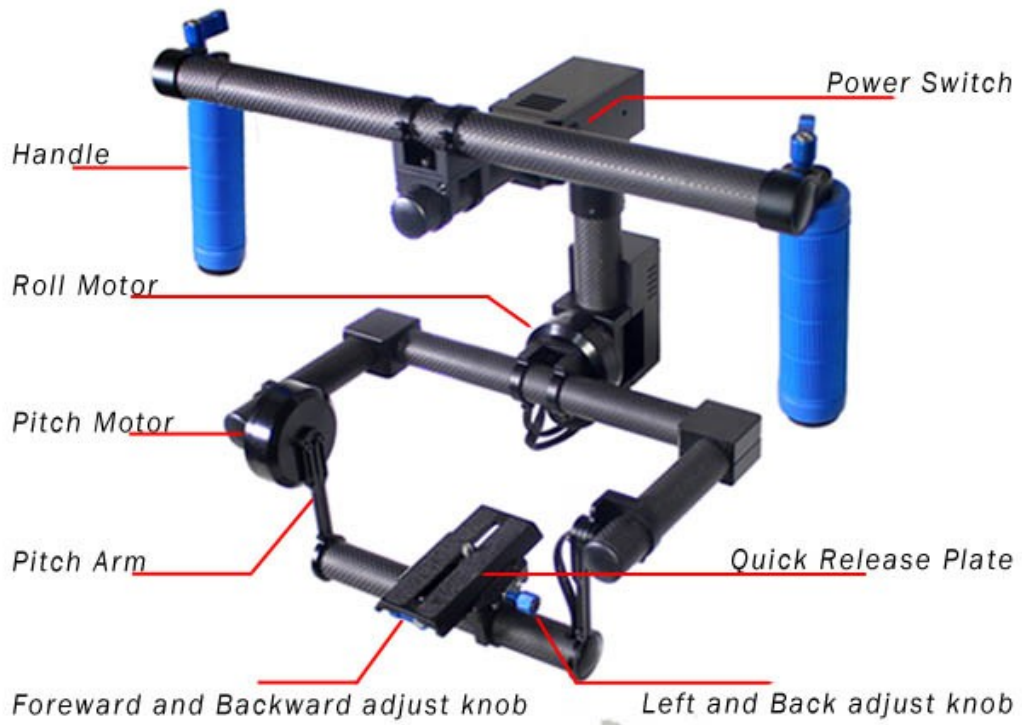
Enhancement of stability	YES	YES
The elimination of the camera plate shake	YES	YES
The Controllable angle of the mount plate	0°	120°
The Controllable angle of rolling of the mount plate	0°	0°

### **How to Use:**

The two axis G-stabilizer is a new generation of high strength, high efficiency shooting accessory.

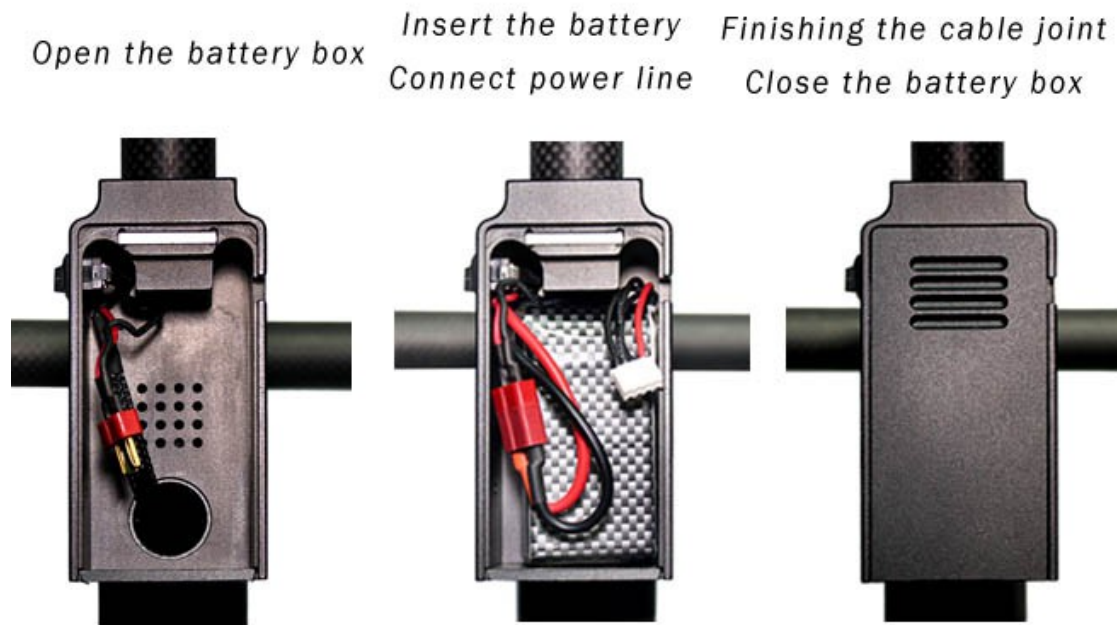
The product has been tested and adjusted professionally before leaving the factory. Most of the DSLR and BMCC cameras can be used directly without parameter settings, simply adjust the balance of the machines.

1. Install the camera in the quick release plate of the G-stabilizer and lock it tight.
2. Observe the heeling condition of the camera; adjust the quick release plate until the camera can reach to a balanced state naturally.
3. Insert the battery, open the switch, holding the stabilizer in 5 to 8 seconds until the gyro stabilizer finish its self-inspection, and then working normally that means it can be used.



## **Installation and Adjustment Procedure**

### **STEP I. Battery installation:**



### **STEP II. Camera Installations**

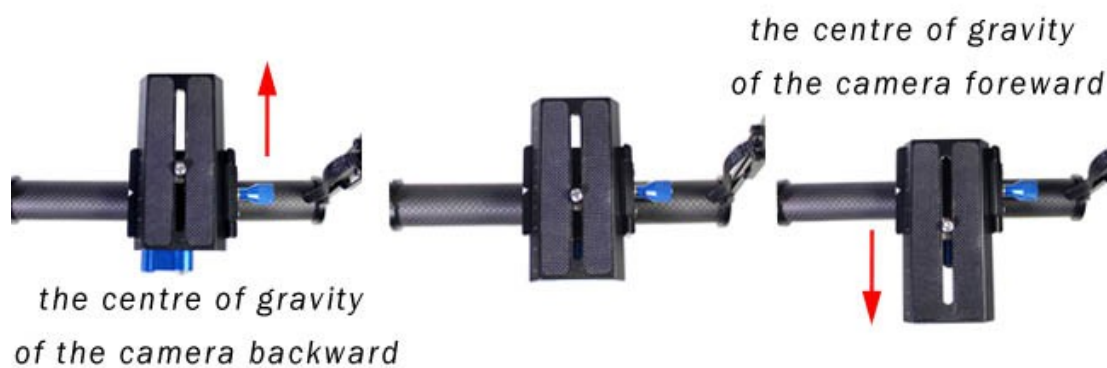
*Remove the quick release plate, loading the camera on the plate and screw tight*

*Put the camera back to the stabilizer and lock tight*



### **STEP III. Adjust the Centre of Gravity**

#### **1. Adjust the Camera Forward and Backward**



#### **2. Adjust the balance of left and right**





*The Center of gravity of the Camera Shift left*

*The Center of gravity of the Camera Shift right*

### 3. Adjust the balance of up and down

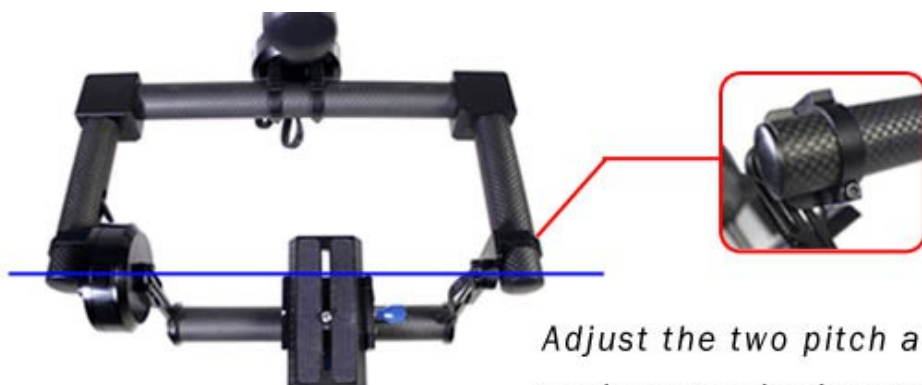
*The center of gravity of the camera shift down*



*The center of gravity of the camera shift up*

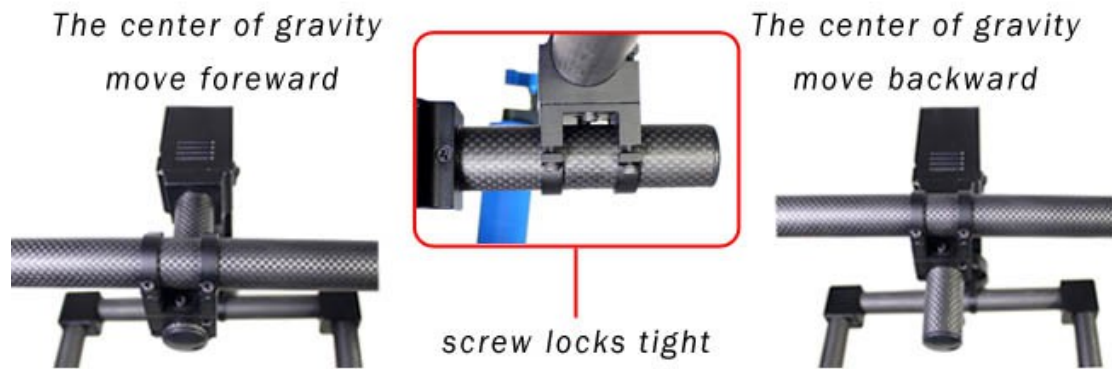


### 4. Adjust the balance of the pitch arms



*Adjust the two pitch arms on the same horizontal line*

### 5. Adjust the center of gravity of the handle supporting rod



#### Step IV. Test the horizontal state of the stabilizer



#### Step V. Start to use

Turn on the power switch then the pitch arms shaking slightly, waiting for 5 to 8 seconds until the indicator light stops flashing, then start to use.

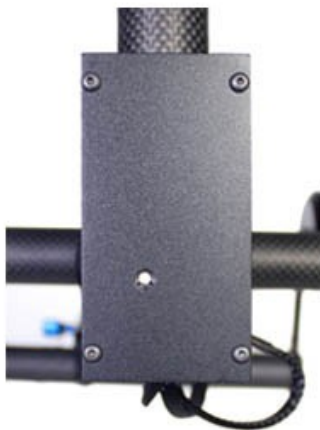


Turn on the power switch then the pitch arms slightly shaking, waiting for 5-8 seconds until finishing the self-checking



## Step VI. The switch of the control modes

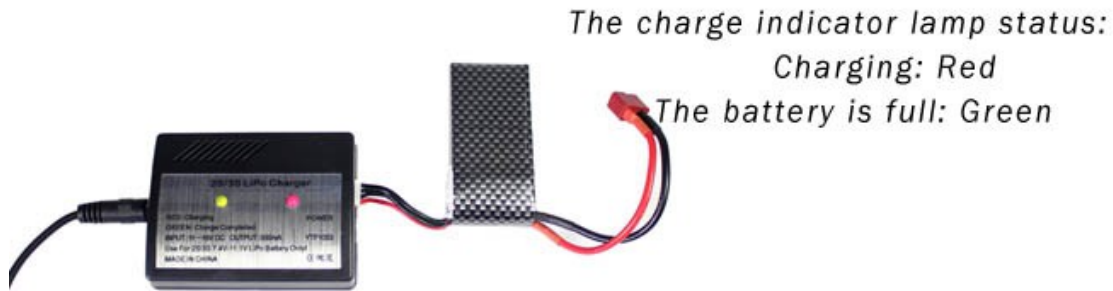
The default mode:  
YAW Lock mode in Roll



Push the button once:  
YAW Lock mode in Roll  
Push the button twice:  
Follow mode in pitch



## Battery charging:



## **Important:**

In order to use the stabilizer safely and effectively, please operate strictly according to the operation manual for obtaining the optimal effect and safe performance.

## **Use safely:**

The stabilizer is precise video equipment with a gyro circuit and precision machinery system, please be careful in using, make sure it is properly placed, never disassembled, and pay attention to moisture and collision.

## **Battery protection:**

The original battery of the stabilizer should keep working one hour. Over charge or over discharge might cause battery damage. You must control the use time of the battery. And always charge it in time.

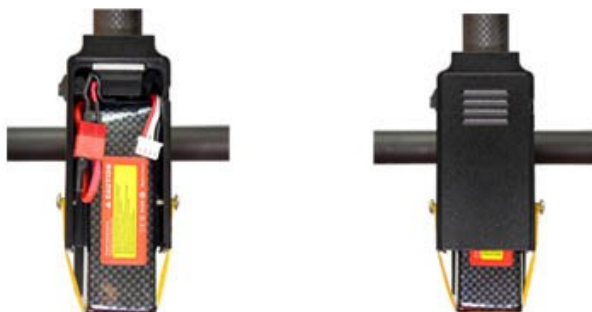
## **Parameter adjustment:**

It is forbidden to adjust the original parameters. Trying to adjust the original parameters may cause the equipment to not work properly.

## **Optional Accessories and the Method of Use:**



*large capacity 3S battery*



*Put the large capacity 3S battery  
into the battery box, connect the power line  
Use the rubber to fix  
the outer part of the battery*



*Electricity indicator*



*Fix the electricity indicator on the battery box cover,  
connect the battery charging line  
Keep watching the electricity indicator;  
please replace the battery immediately  
after the buzzer alarm*



*2 Axis  
Bubble Camera  
Level Gradienter*



*Install the level gradienter  
into the hot shoe of the camera providing  
big help for adjusting the balance of the stabilizer*