

**TILTAMAX**

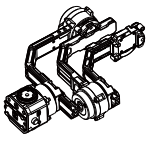
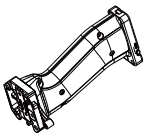
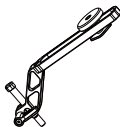
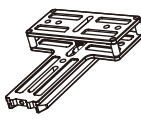
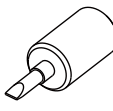
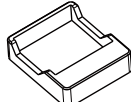
# G1


**GRAVITY**

## USER MANUAL

3-AXIS STABILIZED HANDHELD GIMBAL SYSTEM

### CHECKING LIST

					
3-Axis gimbal main body	Handle and battery compartment	Top hotshoe and adaptor	Quick release baseplate and riser	Screwdriver	Charger

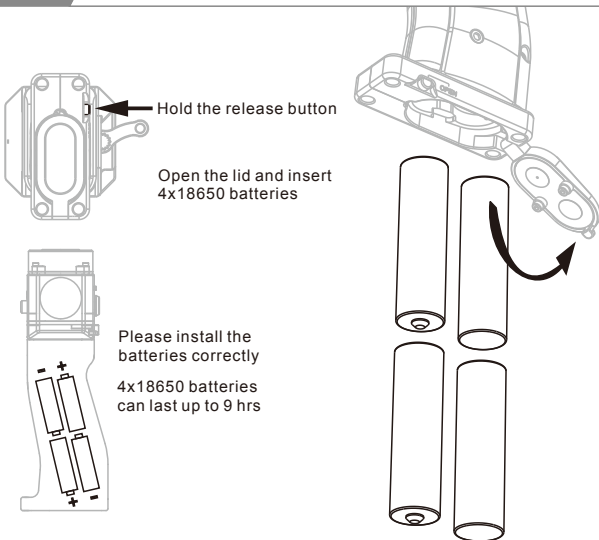


Charger cable

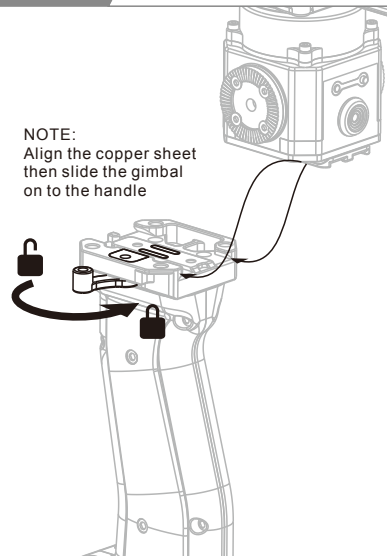
**CAUTION**

Please always use Tilta approved charger to charge batteries. Please keep batteries away from heat. Do not place batteries in fire to prevent explosion. Please avoid severe collision and damage to the battery. Do not disassemble batteries.

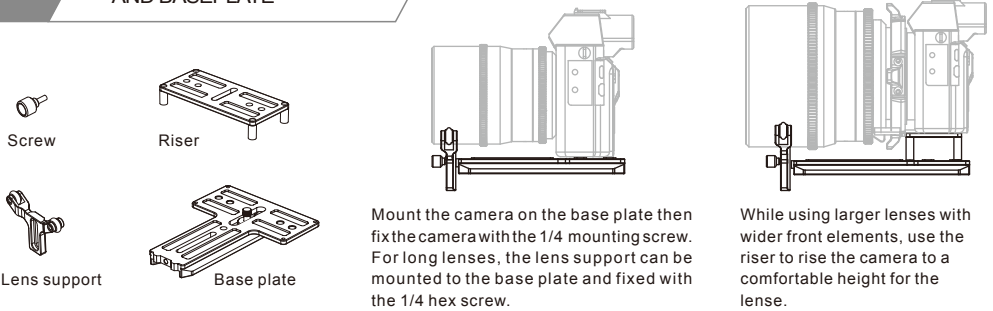
### 1 TO INSTALL THE BATTERIES



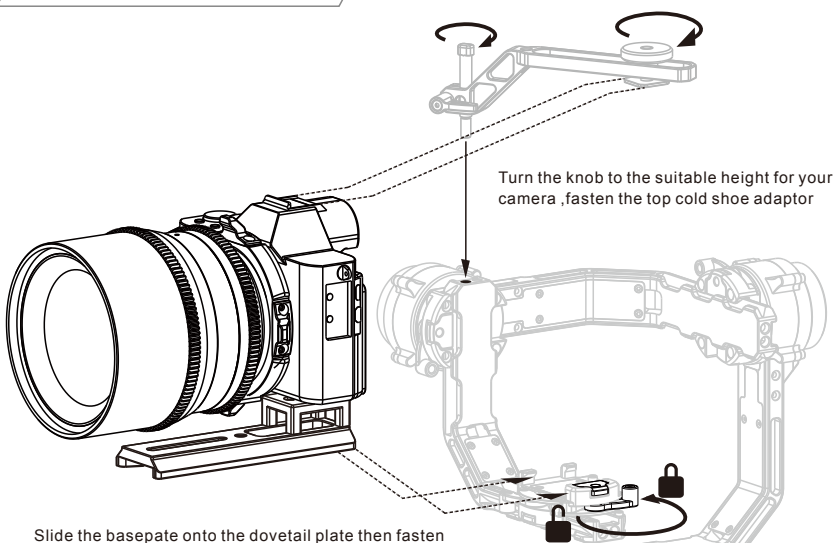
### 2 CONNECT HANDLE TO THE GIMBAL



### 3 SETTING UP THE CAMERA AND BASEPLATE



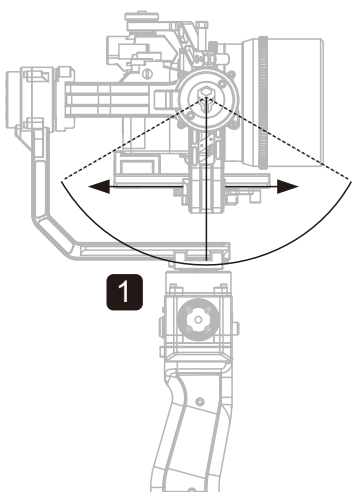
### 4 TO INSTALL THE CAMERA ONTO THE GIMBAL



1

**HORIZONTAL CENTRE OF GRAVITY  
ADJUSTMENT FOR TILT AXIS**

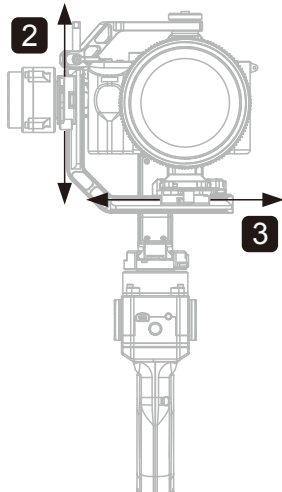
Slide the baseplate until  
the camera is  
horizontally balanced



2

**VERTICAL CENTRE OF GRAVITY  
ADJUSTMENT FOR TILT AXIS**

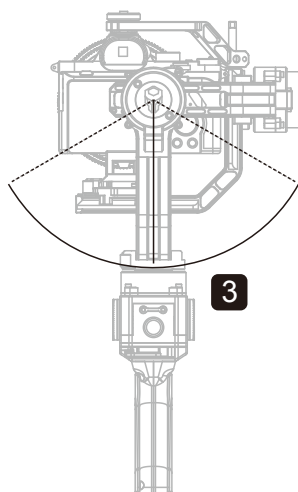
Slide the plate until the camera is  
vertically balanced



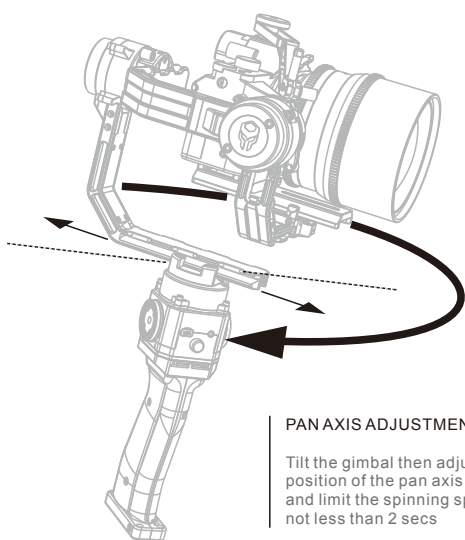
3

**LEFT AND RIGHT BALANCE  
ADJUSTMENT FOR TILT AXIS**

Slide the plate to the left or right until  
the camera is horizontally balanced

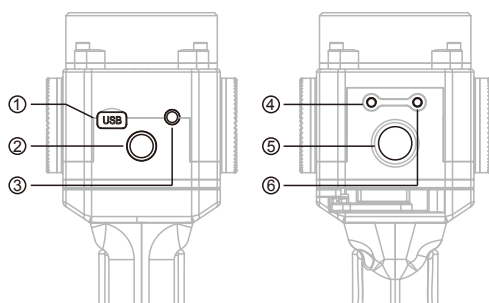


5

**PAN AXIS ADJUSTMENT**

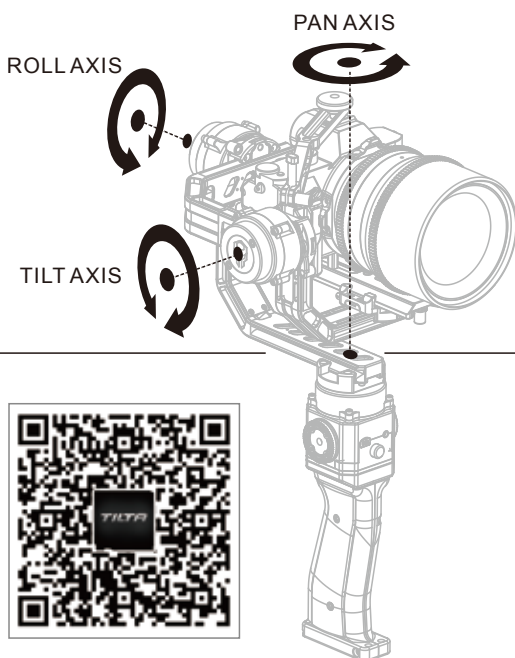
Tilt the gimbal then adjust the  
position of the pan axis plate  
and limit the spinning speed  
not less than 2 secs

6

**CONTROL PANEL**

1. USB socket ( for firmware upgrade)
2. Mode (press and hold for 3 secs to standby/switching mode)
3. Expansion interface
4. LED signal light
5. Rocking knob
6. On/Off  
(press and hold for 3 secs to turn off the power  
and click 3 times for auto calibration)

7

**OPERATING OF THREE MODES**

1. CLICK ONCE-LED ON GREEN  
Tilt and pan axis follow up mode

2. CLICK TWICE-LED ON RED  
Tilt axis locks and pan axis follows  
(for low position shooting)

3. CLICK 3 TIMES-LED ON BLUE  
Tilt and pan axis are locked

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**AUTO CALIBRATION**

1. Install the lens and camera then adjust the physical balance.
2. Turn on the gimbal, click ON/OFF button 3 times for auto calibration (this might need up to 25 secs)
3. If the gimbal vibrates at certain angle, stay the position then click ON/OFF 3 times for another auto calibration
4. Until the motor stops vibrating. If the vibration continues, you will need to adjust the motor specs in the App for GRAVITY G1.



Please download Tilta app to make adjustments on  
motor torque, speed and follow up dead zone.  
More refined adjustments will bring you better operating  
experience with G1.

**G1 CONFIGURATION SPECIFICATION**

Net Weight(including handle)	1200g
Power	14.8v (18650 battery * 4)
Measurement	360°190°80mm
Angle Shaking Range	0.01
Tripod Head	detachable
Rotating Range	Pan Axis(unlimited) Tilt Axis(unlimited) Roll Axis(±60°)
Wireless Communication	2.4G Blue Tooth
Battery Charger Type	i4
Input	110-240V 50/60Hz
Output	4.2V±1% / 1.48V±1% 0.375A*4 / 0.75A*4

**RANGE OF MOVEMENT**

Pan range of movement	360 degrees
Tilt range of movement	Tilt up 90 degrees, tilt down 36 degrees
Roll range of movement	10 degrees right or left

**BATTERY DISPLAY(GREEN LED)**

- 75-100%:  
LED flashes in one-second intervals 4 times then repeats.
- 50-75%:  
LED flashes in in one-second intervals 3 times then repeats.
- 25-50%:  
LED flashes in one-second intervals 2 times then repeats.
- 10-25%:  
LED flashes in one-second intervals 1 time then repeats
- 0-10%:  
LED flashes 8 times per second  
(Gimbal will remain on standby status)
- 0%:  
LED flashes 8 times per second and then shuts off  
automatically after 10 seconds

**DISCLAIMER OF LIABILITY EXEMPTION**

1. Please make sure you have read this disclaimer before first use. You will be considered that you have accepted this disclaimer after start using this equipment.
2. In the course of using users will take full responsibility for the consequences that caused by inappropriate activities.
3. Never adjust and change the mechanical structure of this product. Tilta will not be responsible for any consequences that caused by behavior above.
4. If you have other inquiries, please feel free to contact our customer service.

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