



20810 Sockeye PI #200
Bend, OR 97701

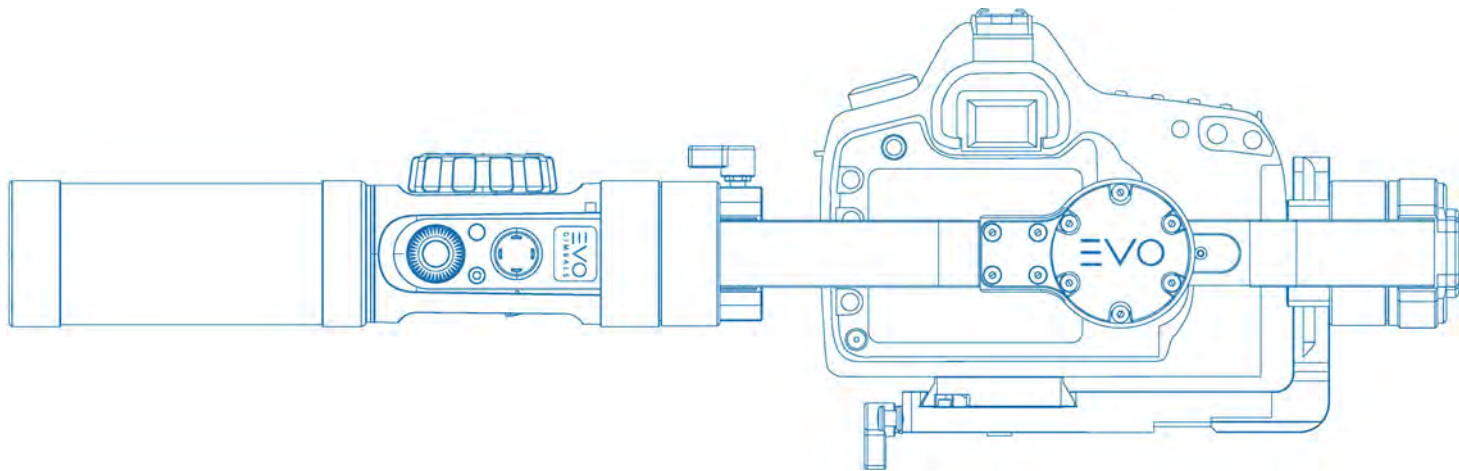
Support and Sales Questions:

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or email support@evogimbals.com

EVOGimbals.com















English Manual V1.0



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The EVO RAGE3 comes with the following items. If any item is missing, please contact EVO Gimbals.

 1 EVO RAGE3 Gimbal	 1 Tripod
 3 18650 Li-ion Battery	 1 Battery Charger
 1 Canon Camera Control Cable EVO-Mini-002	 1 Canon Camera Control Cable EVO-Micro-002
 1 Sony Camera Control Cable EVO-Multi-002	 1 Panasonic Camera Control Cable EVO-CTIA-002
 1 Micro USB Cable	 1 Storage Case
 1 Shoulder Strap	 1 Manual

Thank you for purchasing the EVO RAGE3. The information contained herein affects your safety and your legal rights and responsibilities. Read this entire document carefully to ensure proper configuration before use. Failure to read and follow instructions and warnings herein may result in serious injury to you or bystanders, or damage to your device or property.

EVO Gimbals reserves the right of final explanation for this document and all relevant documents relating to the RAGE3 and the right to make changes at any time without notice. Please visit EVOGimbals.com for the latest product information.

By using this product, you hereby signify that you have read this document carefully and that you understand and agree to abide by the terms and conditions herein. You agree that you are solely responsible for your own conduct while using this product, and for any consequences thereof. You agree to use this product only for purposes that are proper and in accordance with all terms, precautions, practices, policies and guidelines EVO Gimbals has made and may make available.

EVO Gimbals accepts no liability for damage, injury or any legal responsibility incurred directly or indirectly from the use of this product. Users shall observe safe and lawful practices including, but not limited to, those set forth herein.

All product names or marks referred to hereunder are trademarks or registered trademarks of their respective holders.

The following terms are used throughout the product literature to indicate various levels of potential harm when operating this product.

WARNING: Procedures, which if not properly followed, may incur property damage, grave accident, or serious injury.

CAUTION: Procedures, which if not properly followed, may incur property damage and serious injury.

NOTICE: Procedures, which if not properly followed, may incur property damage or minor injury.

Warning

Read the ENTIRE User Guide to become familiar with the features of this product before operating. Failure to operate the product correctly can result in damage to the product or personal property and cause serious injury. This is a sophisticated product. It must be operated with caution and common sense and requires some basic mechanical ability. Failure to operate this product in a safe and responsible manner could result in injury or damage to the product or other property. This product is not intended for use by children without direct adult supervision. DO NOT use with incompatible components or in any way otherwise as mentioned or instructed in the product documents provided by EVO Gimbals. The safety guidelines herein contain instructions for safety, operation and maintenance. It is essential to read and follow all of the instructions and warnings in the User Guide, prior to assembly, setup or use, in order to operate the product correctly and avoid damage or serious injury.

Safe Operation Guidelines**CAUTION:**

1. The RAGE3 is a high-precision control device. Damage may be caused to The RAGE3 if it is dropped or subject to external force, and this may result in malfunction.
2. Make sure the rotation of the gimbal axes is not blocked by external force when The RAGE3 is turned on.
3. The RAGE3 is not waterproof. Prevent contacts of any kind of liquid or cleaner with The RAGE3. It is recommended to use dry cloth for cleaning.
4. Protect The RAGE3 from dust and sand during use.

WARNING:

To avoid fire, serious injury, and property damage, observe the following safety guidelines when using, charging, or storing your batteries.

Battery Safety Guidelines

1. Prevent the batteries from coming into contact with any kind of liquid. Do not leave batteries out in the rain or near a source of moisture. Do not drop the batteries into water. If the inside of the battery comes in contact with water, chemical decomposition may occur, potentially resulting in the battery catching on fire, and may even lead to an explosion.
2. If the battery falls into water with the stabilizer during use, take it out immediately and put it in a safe and open area. Maintain a safe distance from the battery until it is completely dry. Never use the battery again, and dispose of the battery properly as described in the Battery Disposal section below.
3. If the battery catches fire, use water, water spray, sand, fire blanket, dry powder, or carbon dioxide fire extinguisher immediately to put out the fire. Please extinct the fire by applying the methods recommended above according to the actual situation.
4. Never use non-EVO Gimbals batteries. If replacement or backup is needed, please purchase new batteries from EVO Gimbals' official website or authorized channels. EVO Gimbals takes no responsibility for any damage caused by non-EVO Gimbals batteries.
5. Never use or charge swollen, leaky, or damaged batteries. Never use or charge if the battery smells, or overheats (exceeding maximum temperature of 160°F / 71°C). If your batteries are abnormal, contact EVO Gimbals for further assistance.
6. The battery should be used within the temperature range from -10° C to 50° C. Use the battery in environments above 50° C can lead to a fire or explosion. Use of battery below - 10° C can lead to serious battery damage.
7. Do not use the battery in strong electrostatic or electromagnetic environments. Otherwise, the battery protection board may malfunction.
8. Do not disassemble or use any sharp object to puncture the battery in any way. Otherwise, the battery may leak, catch fire or explode.
9. Do not mechanically strike, crush, or throw the battery. Do not place heavy objects on the battery or charger.
10. Electrolytes inside the battery are highly corrosive. In case of accidental contact of any electrolytes with your skin or eyes, rinse immediately with water for at least 15 minutes and seek medical advice as soon as possible.
11. Do not use the battery if it has been involved in a crash or heavy impact.
12. Do not heat the battery and never put the battery in a microwave oven or in a pressurized container.

13. Do not place the battery cell on a conductive surface (such as a metal desk surface).
14. Prevent use of wires or other metal objects that could cause positive and negative short-circuit to the battery.
15. If the battery terminal is dirty, wipe it with a clean, dry cloth. Otherwise it will cause a bad battery connection, which may result in energy loss or charging failure.

Battery Charging

1. Do not attach the batteries to a wall outlet or car charger socket directly. Always use a EVO Gimbals approved adapter for charging. EVO Gimbals takes no responsibility if the battery is charged using a non-EVO Gimbals charger.
2. Do not put the battery and charger near flammable materials or on flammable surfaces (such as carpet or wood). Never leave the battery unattended during charging to prevent an accident.
3. Do not charge the battery immediately after use, because the battery temperature may be too high. Do not charge the battery until it cools down to normal room temperature. Charging the battery with its temperature over 40°C or lower than 15°C may lead to leakage, overheating, or damage.
4. Examine the charger before use, make sure there is no damage to the enclosure, cord, plug, or other parts. Never use a damaged charger. Do not clean the charger with any liquid containing alcohol or other flammable solvents. Disconnect the charger when not in use.

Battery Storage

1. Keep batteries out of the reach of children and pets.
2. Do not leave the battery near heat sources such as a furnace or heater, or inside a vehicle on hot days. Never expose the battery in any environment with temperature over 60°C. The ideal storage temperature is 22°C-28°C.
3. Store batteries in a dry environment.
4. Do not leave the battery unused for too long after it has been completely discharged to prevent over-discharge of battery which may result in battery damage and permanent failure.

Battery Maintenance

1. Never use the battery when the temperature is too high or too low.
2. Do not store the battery in any environment with a temperature of over 60°C.

Transportation Notice

1. Discharge the battery power to 5% or lower before carrying the battery on an airline flight. Only discharge the battery in a fireproof location, ideally in a dry and open area.
2. Do not store or transport batteries together with metal objects such as eyeglasses, watch, and jewelries, etc.
3. Do not transport damaged batteries. When transporting, be sure to discharge the battery to less than 50%.

Battery Disposal

1. Dispose the battery in a specific recycling area only after a complete discharge. Do not throw away the battery in regular trash containers. Strictly follow your local regulations regarding the disposal and recycling of batteries.

NOTICE:

Battery Use

Make sure the batteries are fully charged before each time of use.

Battery Charging

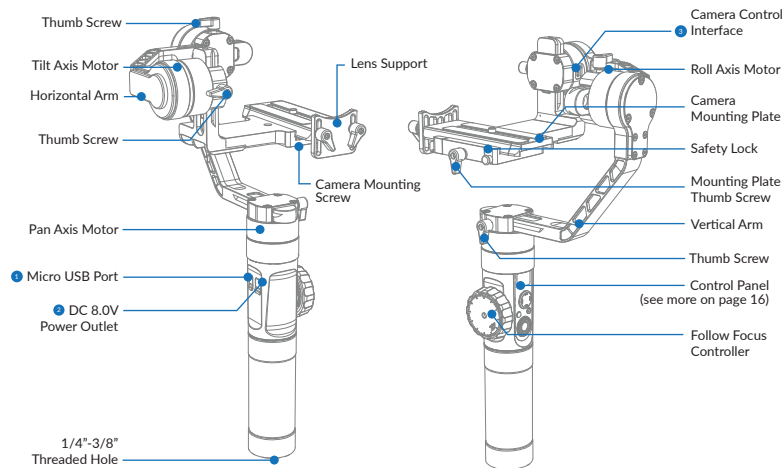
The battery will stop charging automatically when it is full. Disconnect the batteries from the charger when fully charged.

Battery Storage

1. Discharge the battery to 40%-65% if it will NOT be used for over 10 days. This can greatly extend the battery life.
2. The battery enters hibernation mode when voltage gets too low. Charge the battery will bring it out of hibernation.
3. Remove batteries from the stabilizer when not in use and store them in a specialized container.

Battery Disposal

If the battery cannot be fully discharged, do not leave it in the recycling box, but contact a professional battery disposal/recycling agent for further assistance.



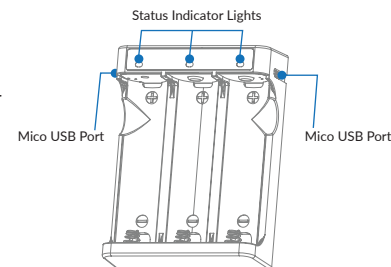
	Output Voltage	Input Current	Function
1			The Micro USB port can only be used for firmware upgrade, and can neither be used for power input nor output.
2	8V	2A	The DC 8.0V Power Output outlet can be used for charging cameras like Canon D5 series (see more on page 22 - DC 8.0v Power Outlet Usage)
3	5V	1A	The camera control interface port is used to control camera settings and charge some cameras. Please see EVOGimbals.com for the current list of compatible cameras.

For the first use of The EVO RAGE3, please use the dedicated charging device contained in the package to fully charge and activate the batteries to ensure the normal use of The RAGE3.

Charger & Battery Description

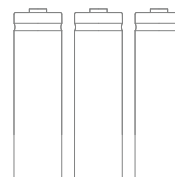
Charger Specifications
 Name: EVO 18650*3 Li-ion battery charger
 Model: ZC-18650-3
 Input: 5V=2400mA
 Output: 4.2V=800mA*3

- Solid RED light when charging.
- Solid BLUE light when fully charged.



Battery Specifications

Battery Specifications
 Name: EVO 18650 HIGH CURRENT Li-ion battery
 Model: IMR 18650
 Capacity: 2000mAh
 Voltage: 3.7V



NOTICE:

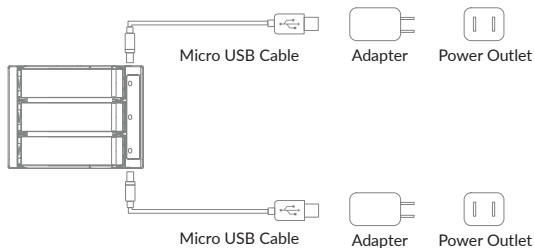
1. Please read the disclaimer and warning herein as well the description on the battery label carefully before using the batteries.
2. The ZC-18650-3 charger is for charging EVO's IMR 18650 Li-ion Battery only. Do not charge batteries of other models or brands, otherwise It may lead to an accident.



Please use and charge batteries provided or approved by EVO Gimbals only. EVO Gimbals will not take any responsibility for explosion, fire and/or accidents caused by non-EVO batteries.

Charging Procedure

1. Insert the batteries into the charger in the right direction (positive/negative end) accordingly.
2. Connect the charger to the adapter Via the Micro USB cable.
3. Plug the adapter into the power outlet to start charging.



There is a Micro USB 5V power input port on both sides of the charger, which supports one adapter or two adapters charging simultaneously (faster).

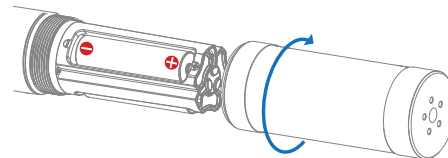
2. The simultaneous charging with two adapters may fail when the power is under charged (like when the current of adapter is below 1000mA); Adapter with higher current capacity is recommended
3. The USB Port along side the stabilizer does not support charging to batteries.



1. Please use qualified standard 5V/22000mA adapter for battery charging; Charging time depends on the maximum input current current of the adapter.
2. The stabilizer comes standard with three high-discharge-rate dedicated batteries. Please use and charge batteries provided or approved by EVO Gimbals only.
3. Please make sure all three batteries are fully charged. Either under charged battery can lead to the failure of the stabilizer.

Battery Installation

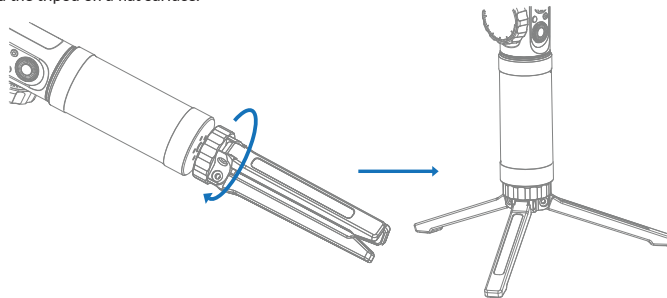
Unscrew the battery compartment and insert the three IMP 18650 batteries in the right direction (positive/negative end), then tighten the battery compartment.



Please use and charge batteries provided or approved by EVO Gimbals only.

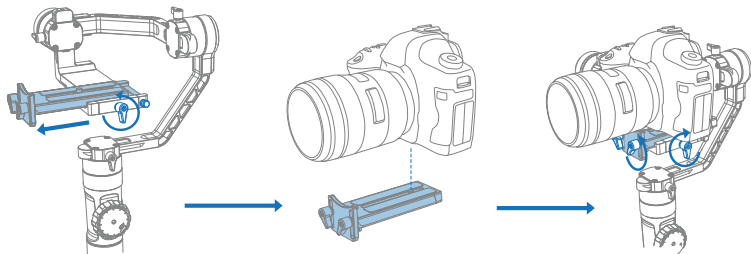
Tripod

Get the tripod ready and tighten it to the 1/4"-3/8" threaded hole at the bottom of the stabilizer, then unfold the tripod on a flat surface.



Installing Camera

1. Loosen the mounting plate thumb screw, press and hold the safety lock while sliding out the quick release plate (to the opposite direction of the arrow mark on it).



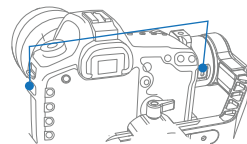
2. Install the camera to the quick release plate following the direction of the arrow mark, then tighten the 1/4" screw at the bottom.
3. Slide in the quick release plate installed with the camera following the direction of the arrow mark on camera mounting plate, then tighten the thumb screw to finish the installation of the quick release plate.
4. Loosen the screws on lens support and adjust the support to keep the lens firm and stabilized.

⚠ NEVER POWER ON THE STABILIZER WITHOUT YOUR CAMERA MOUNTED & BALANCED - doing so can cause damage to the unit; When powering on the stabilizer please be sure to lightly hold the camera close to level with one hand to ensure proper startup rotation.

Connecting Camera Control Cable

In the case of Canon camera, connect the control cable to the port on the tilt motor axis with the Micro USB end, and then the other end to the left-side port on the camera.

⚠ Please make sure the stabilizer is powered off or in standby mode when connecting the camera control cable in case of malfunctioned rotation.



EVO Gimbals Control Cable Function Table

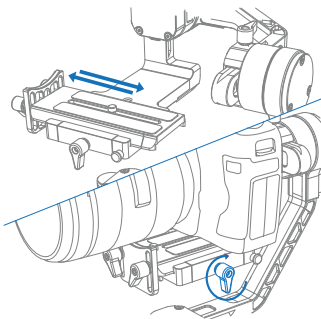
Camera brand	Canon		Sony		Panasonic
Camera model	5D2/5D3	5D4	Sony camera with MULTI interface		GH4/GH5
CCI Cable model	EVO-Mini-002	EVO-Micro-002	EVO-Multi-001	EVO-Multi-002	EVO-CTIA-002
Camera control cable	Micro USB to Mini USB	Micro USB to Micro USB	Micro USB to Multi USB		Micro USB to CTIA
Photo	✓	✓	✓	✓	✓
Video	✓	✓	✗	✗	✓
Real-Time preview	✓	✓	✗	✗	✗
AV	✓	✓	✗	✗	✗
TV	✓	✓	✗	✗	✗
ISO	✓	✓	✗	✗	✗
EV	✓	✓	✗	✗	✗
Zoom ¹	✗	✗	✓	✓	✗
Focus ²	✓	✓	✓ ³	✓ ³	✓ ³
Camera charging	✗	✗	✗	✓	✗
Standard camera cable	✓	✓	✗	✓	✓

¹ Zoom control only compatible with Sony electronic zoom lenses.

² Electronic follow focus control only compatible with servo driven Canon model cameras & lenses.

³ Requires EVO Pro-Focus drive adapter (sold separately).

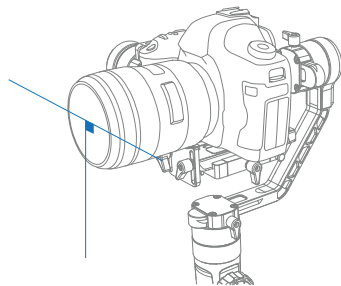
! Please make sure the camera is properly mounted and balanced, otherwise the stabilizer may fail to start or operate normally.



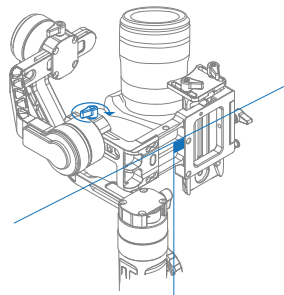
Level Adjustment on Tilt Axis

Loosen the thumb screw on the quick release plate so that it can slide forward or backward.

Hold the horizontal arm on the Tilt Axis with one hand and adjust the position of the camera to find a level balance where the camera can stay still and almost level with its lens facing to the front. Complete this step by tightening up the camera mounting thumb screw.



! The balance status of the stabilizer will greatly affect the run time.

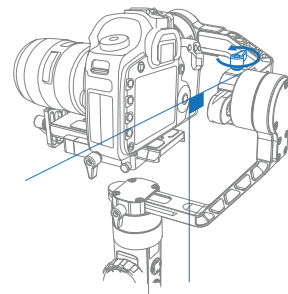


Balance Adjustment on Tilt Axis

Loosen the thumb screw (rotate about 3 times); Adjust the Tilt Axis until the camera can stay still with the lens facing up (i.e. the camera stays still and vertical to the ground), complete this step by tightening up thumb screw.

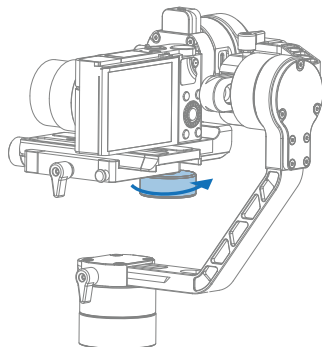
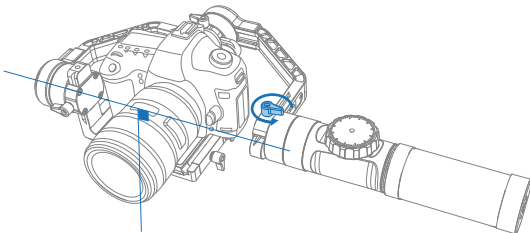
Balance Adjustment on Roll Axis

Loosen the thumb screw (rotate about 3 times); Adjust the Roll Axis until the camera can stay still. Complete this step by tightening up thumb screw.



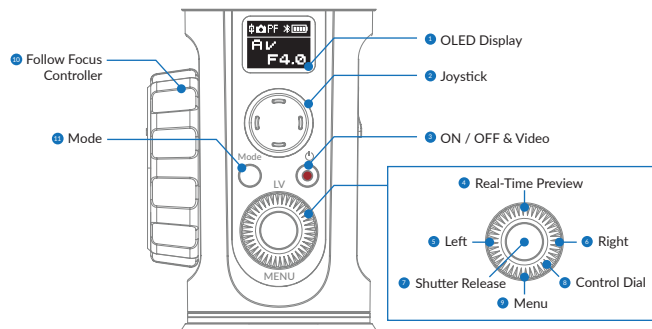
Balance Adjustment on Pan Axis

Loosen the thumb screw on the pan axis. Adjust the pan axis until the camera can stay still while keeping the vertical arm level when turned to the right/left side. Complete balance adjustment by tightening up all thumb screws.



If the Camera installed is too light that it's impossible to achieve balanced adjustment, please purchase the dedicated counterweight (100g) provided by EVO Gimbals and install it under the camera mounting plate to finish balance installation.

Control Panel Description



- 1 OLED Display**
Stabilizer status and camera parameters display (see more on page 18).
- 2 Joystick**
Four-way direction control of the camera/lens.
- 3 ON / OFF & Video***
 - Long press for 3 seconds to power On/off.
 - Single press to start/end video recording.
- 5 Left***
 - In main screen, single press to return to previous option.
 - In menu screen, single press to return to previous screen
- 7 Shutter Release***
 - Halfway press the button to activate auto focus.
 - Full press the button to take single shots.
- 4 Real-Time Preview***
Single press the button to enter the real-time preview mode.
- 6 Right***
 - In main screen, single press to move to next option.
 - In menu screen, single press to confirm selection.
- 8 Dial***
 - In main screen, rotate the dial to adjust camera parameters.
 - In menu screen, rotate the dial to switch between options.

- 9 Menu**
Single press to enter or exit the menu.
- 10 Follow Focus Controller***
Rotate the controller to adjust the focal length in real-time and realize follow focus control.
- 11 Mode**
- Press for 1 second to enter or exit standby mode.
 - Single press to switch between Pan Follow and Lock Mode.
 - Quick double press to enter Follow Mode.
 - Quick triple press to enter Turn Back Mode (180° rotation on Pan axis)
- * Marks functions that are only available for Canon cameras properly connected to the stabilizer.
See more at EVO Gimbals Control Cable Function Table on page 12.

Panasonic Camera Control Function Description

Please refer to the instruction on Camera Control Cable Configuration on page 19 to choose the right option for your camera.

- Shutter release: Halfway press **7** "Shutter Release" button to realize auto focus and take single shots.
- Video recording: Single press **5** "ON/OFF&Video" button to start or end video recording.

Sony Camera Control Function Description

Please refer to the instruction on Camera Control Cable Configuration on page 19 to choose the right option for your camera.

- Shutter release: Fully press **7** "Shutter Release" button to realize auto focus and take single shots.
- Video recording: Single press **5** "ON/OFF&Video" button to start or end video recording.
- Zooming: Rotate the **10** "Follow Focus Controller" to control the focal length.

Note: The non-motor-driven lens does not support optical zoom (recommended motor-driven lens: E PZ 18-105mm F4 GOSS, E PZ 16-50mm F3.6-5.6 OSS).

- 1.** For Sony and Panasonic mirrorless camera with EVF, Real-time Preview is not needed.
- 2.** When mounting a Sony camera to the stabilizer, make sure to power on the stabilizer before the camera, otherwise the stabilizer may fail to control the camera.
- 3.** When powering on the stabilizer, please hold the camera with one hand in case of malfunctioned rotation.
- 4.** When powering on, avoid shaking of the stabilizer which may lead to start-up failure.

OLED Display Description

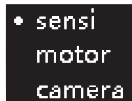
Display screen for camera params setting



Display screen for stabilizer modes (camera params setting unavailable)



Menu screen



	Camera Connection Status	F	Follow Mode
	Photo Mode	L	Lock Mode
	Video Mode	AV	Aperture Value
	Bluetooth Connection	TV	Time Value
	Battery Level (stabilizer)	ISO	ISO
PF	Pan Follow Mode		EV

Menu Description

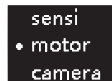
Sensi: Camera focus sensitivity control; with 3 adjustable options: low, medium and high;
Motor: Stabilizer motor force adjustment; with 3 adjustable options: low, medium and high;
Camera: Extension interface configuration to adapt different camera models;
Options: Close, Sony, Panaso (Panasonic), Canon
Calibration: Six-side calibration for stabilizer; See more on page 25.
Angle: Fine tunes the motor angle on the tilt/roll axis; See more on page 27.
About: Displays software version and stabilizer model information.

RAGE3 Canon Controlability Table						
Camera Mode	Photo	Video	AV	TV	ISO	EV
AV	✓	✓	✓	✗	✓	✓
TV	✓	✓	✗	✓	✓	✓
M	✓	✓	✓	✓	✓	✓
P	✓	✓	✗	✗	✓	✓

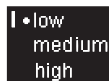
Note: For Canon 5D4, the EV can be adjusted by setting ISO to "AUTO" while the Mode Dial is set to "M". Canon cameras, under real-time review, can realize focus control.

Motor Power Adjustment

The motor force of the stabilizer needs to be adjusted (3 levels) to adapt the stabilizer to cameras and lens of different weight for ideal use.



1. Single press Menu and rotate the dial to "motor", then press right to enter the "motor" setting.



2. Rotate the dial to choose the appropriate motor force (3 levels), press right to confirm the option, then restart the stabilizer to finish.

Motor Force	Weight Capacity	Compatible Camera & Lens Examples
Low	Light	Sony A7S Camera+SEL35F28Z Lens
Medium (default)	Medium	Canon 5D Camera+EF 50mm F/1.8 II Lens
High	Heavy	Canon 5D Camera+EF 24-70mm F/2.8 L II USM Lens

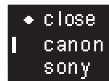
! If either the motor force is set too high or too low (unmatched with weight capacity), it can lead to camera shake and affect normal use of the stabilizer.

Camera Control Cable Configuration

Please choose the corresponding option to configure your camera control cable.



1. Single press Menu and rotate the dial to "camera", then press right to enter the "camera" setting.



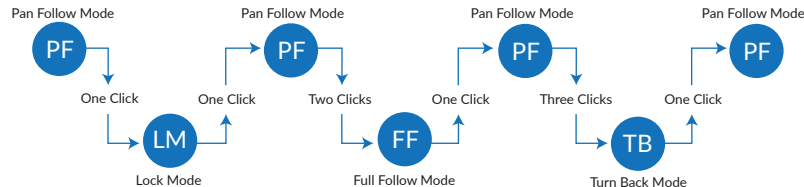
2. Rotate the dial to choose your camera brand, press to confirm the option and restart the stabilizer to finish.

If there is no option to match your camera brand or there is no need to connect your camera, choose "Close".

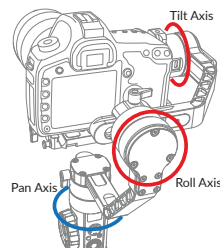


1. You need to restart the stabilizer to finish adjustment and configuration of motor force and camera control cable.
2. After re-setting the parameters, the stabilizer will enter standby mode, please long press mode button to activate the camera.

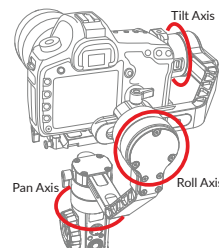
Stabilization Mode Description



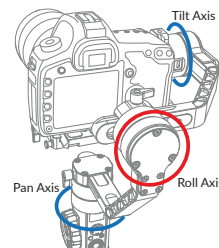
The stabilizer enters Pan Follow Mode (PF) by default each time when powered on. Switch into Lock Mode (LM) by single pressing on Joystick. Double press Joystick to enter Full Follow Mode (FF). Triple press Joystick to enter Turn Back Mode (TB - 180° rotation on Pan axis). Single press Joystick while in Lock Mode, Full Follow Mode or Turn Back Mode will return to the Pan Follow Mode.



Pan Follow Mode (PF): The camera pans left/right following the movement of the stabilizer while the tilt and roll axes are locked. Push the joystick up/down allows manual control of the tilt axis.

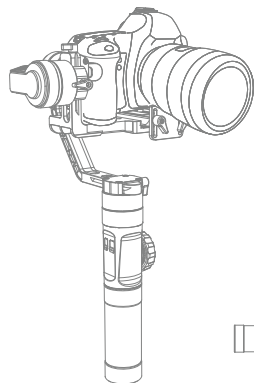


Lock Mode (LM): This mode locks movement of all three axes to keep the camera fixed on a shooting direction. Push the joystick up/down and left/right allows manual control of the tilt axis and pan axis.

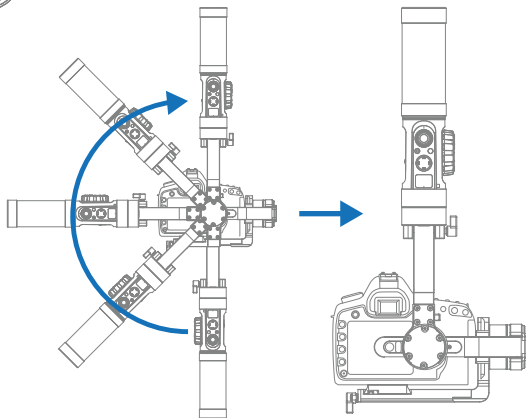


Full Follow Mode (FF): The camera pans and tilts following the movement of the stabilizer. Push the joystick left/right allows manual control of the roll axis.

How To Use The RAGE3 Inverted



Normal Position



Inverted Position

Please ensure balanced installation of the camera when inverted and do not rotate or shake the handle while transferring to inverted (as seen in graphic).

⚠ Note: The size of the camera and its balance condition when mounted may affect the performance when inverted. For certain camera models, test inverted and re-position the camera if necessary.

DC 8.0 V Power Outlet Usage

The DC 8.0V power outlet on the side of the RAGE3 can be used for charging Canon 5D cameras through a DC power connector - DR-E6 (purchased separately).

Charging 5D3 / 5D4 camera:

Powering on:

1. Connect the power input end of the connector to the DC 8.0V power outlet, then connect the other end to the camera.
2. Mount and balance the camera on the RAGE3 gimbal, then start up the camera.

Powering off:

Power off the camera first, then unplug the connector from the RAGE3 gimbal.

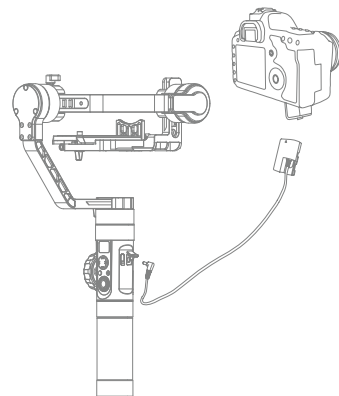
Charging 5D2 camera:

Powering on:

1. Start up the RAGE3 by holding the mode button to enter standby mode.
2. Connect the power input end of the connector to the DC 8.0V power outlet, then connect the other end to the camera.
3. Install the camera to the stabilizer and adjust gimbal balance.
4. Power on the camera and long press mode button to activate the stabilizer.

Powering off:

Power off the camera first, then unplug the connector from the stabilizer.



⚠ Note: Original Canon DR-E6 DC power connector is recommended. Please follow instruction on how to power on or off, otherwise the camera may fail to start.

EVO Gimbals Remote App Download

Download the EVO Gimbals Remote App from either the Apple App Store or Google Play.



 The EVO Gimbals Remote App is subject to regular updates.

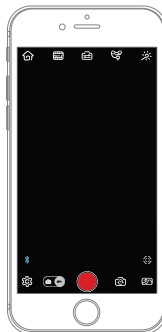
Connecting the Stabilizer to Smartphone

1. Power on the stabilizer.
2. Confirm Bluetooth is activated on your smartphone.
3. Open the EVO Gimbals Remote App on your phone.
4. Tap on the Connect Your Device button and search for nearby signals, choose your stabilizer to connect.

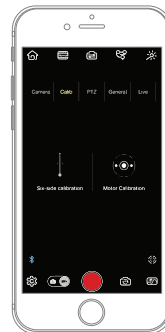
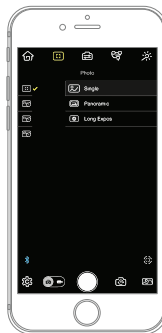


Main Features of the APP

Main Screen



Calibration Screen:
Calibration is required when deviations are found in the 3 axes and the leveling of the camera. Tap "Start Calibration", and complete the 6-side calibration procedure following onscreen illustrations.

Photo Settings:
Control resolution,
panoramic and
exposures.Control Screen:
Stabilizer control
panel via Bluetooth.

When do you need to calibrate the stabilizer?

Please calibrate the stabilizer when necessary to ensure normal use.

When...	How
a) Slight deviation is found in the tilt angle of the camera in level position after startup. b) Slight deviation is found in the roll angle of the camera in level position after startup. c) Frequent small angle correction is found when the camera is in level position while the stabilizer stays still.	Start Up Calibration
a) Slight deviation is still found in level position after the initialization of the stabilizer. b) Stabilizer unused for a long time. c) Too large temperature difference between operation environments.	Conduct Six-Side Calibration
Slight deviation is still found in the tilt or roll angle of the camera in level position after the initialization and six-side calibration of the stabilizer.	Fine tune motor force

Start Up Calibration



1. Correctly install the batteries.

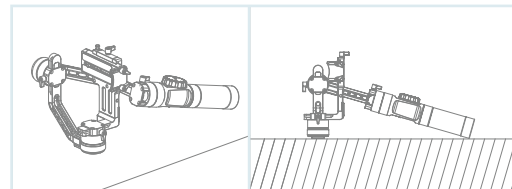
2. Hold the camera mounting plate with one hand, long press the power button to start up the stabilizer; Long press the Mode button to enter the standby mode while holding the camera mounting plate through the whole process in case of start-up failure.

! If the angle deviation still persists after the calibration, please try again following the procedure.

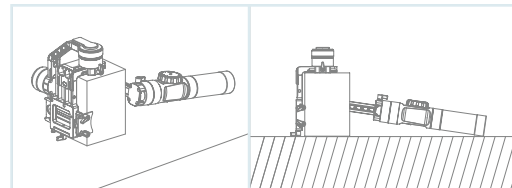
Six-Side Calibration

1. Power on the stabilizer and enter the standby mode, press menu, rotate the dial to "calibration" option, press right to enter the option.
2. As seen below, conduct the six-side calibration following the 6 steps shown in the graphs, finish by pressing any button to exit the menu.

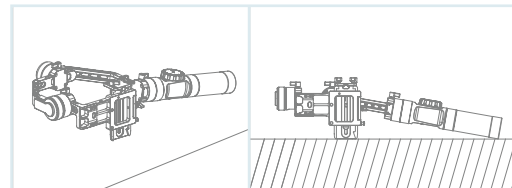
STEP 1



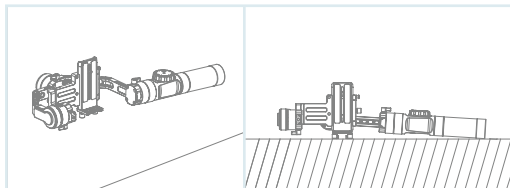
STEP 2



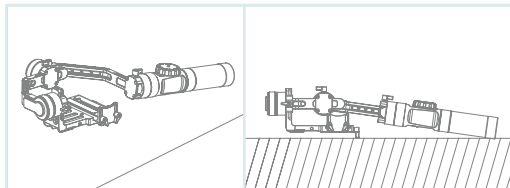
STEP 3



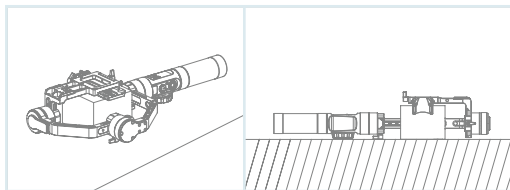
STEP 4



STEP 5



STEP 6



Six-side calibration through the EVO Gimbal Remote App

Please refer to "App Operations" for more information; Connect the stabilizer to the EVO Gimbals remote App via bluetooth. Click on the gear icon in the bottom left corner, then select "Calib" and follow the app instructions. Six-side calibration is to make all six sides of the camera mounting plate vertical to the level surface.

Motor Fine-Tuning

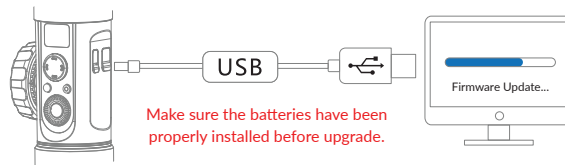
Fine tune the motor through stabilizer:

Power on the stabilizer and enter standby mode, then rotate the dial and press right to enter the "angle" option; Adjust the value of the tilt and roll axis angle to your actual needs.

Fine tune the motor through the EVO Gimbal remote App:

Please refer to "APP Operations" for more information; Connect the stabilizer to the EVO Gimbal Remote App via Bluetooth, then enter "Gimbal Setting" screen and adjust the value of the tilt and roll axis angle to your actual needs.

Firmware Update



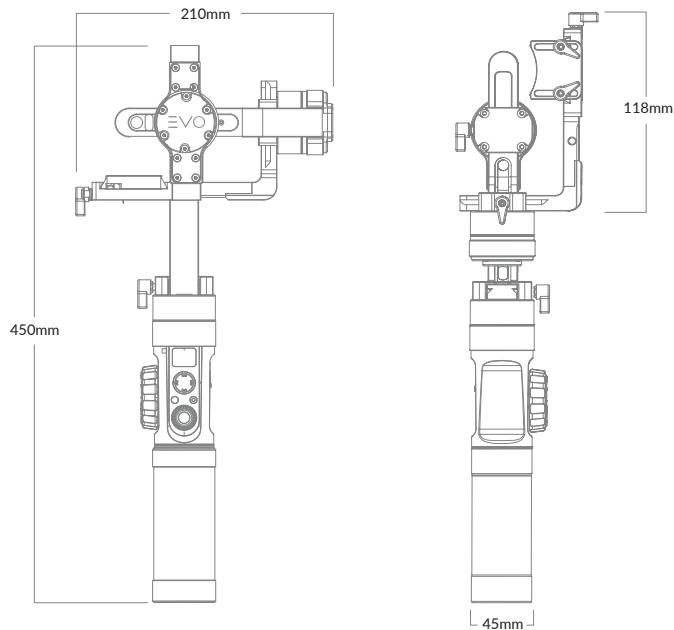
Connect the RAGE3 to your computer via Micro USB cable for the firmware upgrade and calibration.

1. Visit EVOGimbals.com and click "Downloads" in the top menu and find the RAGE3 Gimbal. Download and Calibration Tool, the latest firmware version and USB Driver that works with your computer.
2. Connect the computer and RAGE3 together using the USB cable and power on the RAGE3
3. Using the Calibration Tool, follow the instructions to upgrade the firmware on the RAGE3

SPECIFICATIONS

	Min	Standard	Max	Notes
Input Voltage	9.8V	11.1V	12.6V	
Operation Current	110mA		6000mA	
Operation Temperature	-10°C	25°C	45°C	
Operation Time	12h		18h	Well balanced with camera mounted
Charging Time		2.5h		Charging current 2400mA
Weight		1250g		Excluding batteries
Tilt Angle Range	-135°		+185°	
Roll Angle Range		360°		Unlimited rotation
Pan Angle Range		360°		Unlimited rotation
Following Deviation	+/-0.01°		+/-0.03°	
Following Devection	+/-0.05°		+/-0.1°	
Payload	500g		3200g	
Compatible Camera Sizes	The max horizontal length from the point of camera gravity to the roll axis is 90mm, from the 1/4" threaded hole to tilt axis 90mm, and from gravity point to quick release plate 65mm.			
Product Dimensions	210* 118* 450mm			

PRODUCT DIMENSIONS



WARRANTY

EVO Gimbals ("EVO Gimbals") warrants this product against defects in material or workmanship for the time periods and as set forth below. Pursuant to this Limited Warranty, EVO Gimbals will, at its option, (i) repair the product using new or refurbished parts or (ii) replace the product with a new or refurbished product. For purposes of this Limited Warranty, "refurbished" means a product or part that has been returned to its original specifications. In the event of a defect, these are your exclusive remedies.

Labor: For a period of one (1) year from the original date of purchase of the product ("Labor Warranty"), EVO Gimbals will, at its option, repair or replace with new or refurbished product, product determined to be defective. If EVO Gimbals elects to replace the product after this Labor Warranty has expired but while the Parts Warranty below is still in effect, it will do so for the applicable labor charge.

Parts: For a period of one (1) year from the original date of purchase of product ("Parts Warranty"), EVO Gimbals will supply new or refurbished replacement parts in exchange for parts determined to be defective.

This Limited Warranty covers only the hardware components packaged with the Product. It does not cover technical assistance for hardware or software usage and it does not cover any software products whether or not contained in the Product; any such software is provided "AS IS" unless expressly provided for in any enclosed software Limited Warranty. Please refer to the End User License Agreements included with the Product for your rights and obligations with respect to the software.

Instructions: To obtain warranty service, you must deliver the product, freight prepaid, in either its original packaging or packaging affording an equal degree of protection to the EVO Gimbals authorized service facility specified. It is your responsibility to backup any data, software or other materials you may have stored or preserved on your unit. It is likely that such data, software, or other materials will be lost or reformatted during service and EVO Gimbals will not be responsible for any such damage or loss. A dated purchase receipt is required. For specific instructions on how to obtain warranty service for your product, visit Our Official Web Site: EVOGimbals.com

Or email EVO Gimbals Customer Support
support@evogimbals.com

For an accessory or part not available from your authorized dealer please visit our website.

Repair / Replacement Warranty: This Limited Warranty shall apply to any repair, replacement part or replacement product for the remainder of the original Limited Warranty period or for ninety (90) days, whichever is longer. Any parts or product replaced under this Limited Warranty will become the property of EVO Gimbals.

This Limited Warranty only covers product issues caused by defects in material or workmanship during ordinary consumer use; it does not cover product issues caused by any other reason, including but not limited to product issues due to commercial use, acts of God, misuse, limitations of technology, or modification of or to any part of the EVO Gimbals product.

WARRANTY

This Limited Warranty does not cover EVO Gimbals products sold AS IS or WITH ALL FAULTS or consumables (such as fuses or batteries). This Limited Warranty is invalid if the factory-applied serial number has been altered or removed from the product. This Limited Warranty is valid only in the United States.

LIMITATION ON DAMAGES: EVO GIMBALS SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT.

DURATION OF IMPLIED WARRANTIES: EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This Limited Warranty gives you specific legal rights and you may have other rights which vary from state to state.

WARRANTY PERIOD:

The warranty period is (1) Year from the original date of purchase. During this warranty period, under normal use, EVO Gimbals will at its option, repair and/or replace parts determined to be defective.

WARRANTY DOES NOT COVER:

1. Any unauthorized maintenance, misuse, collision, liquid infiltration (water damage), or modifications.
2. Incorrect Use of Product: altering software, removing serial numbers/logos, using cameras not approved by EVO.
3. Damage due to fire, flood, acts of God, misuse and related damage.
4. Any prepaid freight for warranty service.

WARRANTY SERVICE:

If any product issues arise please contact your dealer first. Many gimbal performance problems can be solved with a simple calibration sequence. Be sure to visit www.EVOGimbals.com for the latest tutorial videos.

If it is found that service on your gimbal is needed please visit our official website (www.EVOGimbals.com) or email us support@evogimbals.com to start a warranty claim.

WARRANTY REGISTRATION:

Please register your warranty so we can provide you with the latest firmware updates, user manuals and tutorial videos. To register your warranty please and/or obtain warranty service for your gimbal, visit Our Web Site: EVOGimbals.com
