EVO GIMBALS

USER MANUAL
English v1.1

SHIFT

IMPORTANT MESSAGE

Thank you for choosing EVO Gimbals as your camera stabilization solution! We know that buying a new product can be very exciting and we are sure that you probably can not wait to use your new gimbal! Before you start PLEASE read this manual and become familiar with your gimbal's components and operating modes.

We highly encourage everyone to also watch our great tutorial videos on our website as a supplement to this manual.

⚠ BATTERY SAFETY!

Your Gimbal comes with (1) pre-installed Lithium Ion Battery. Here are some simple safety precautions you can take to ensure the best performance for your gimbal's battery.

- Always handle your gimbal with care.
- Always store your gimbal in a cool dry and well ventilated area.
- Never throw your batteries or gimbal in the trash! Always be sure to recycle them at the appropriate battery recycling center.

Lithium-Ion batteries should not be exposed to extreme temperatures. Heat and cold stress the batteries. Always charge and use your batteries at room temperature. If the battery has been exposed to extreme temperatures, allow the battery to return to room temperature before charging it or using it.

WARRANTY

Your new gimbal comes with a 1 Year Parts & Labor warranty. Be sure to register your warranty by registering online at EVOGimbals.com

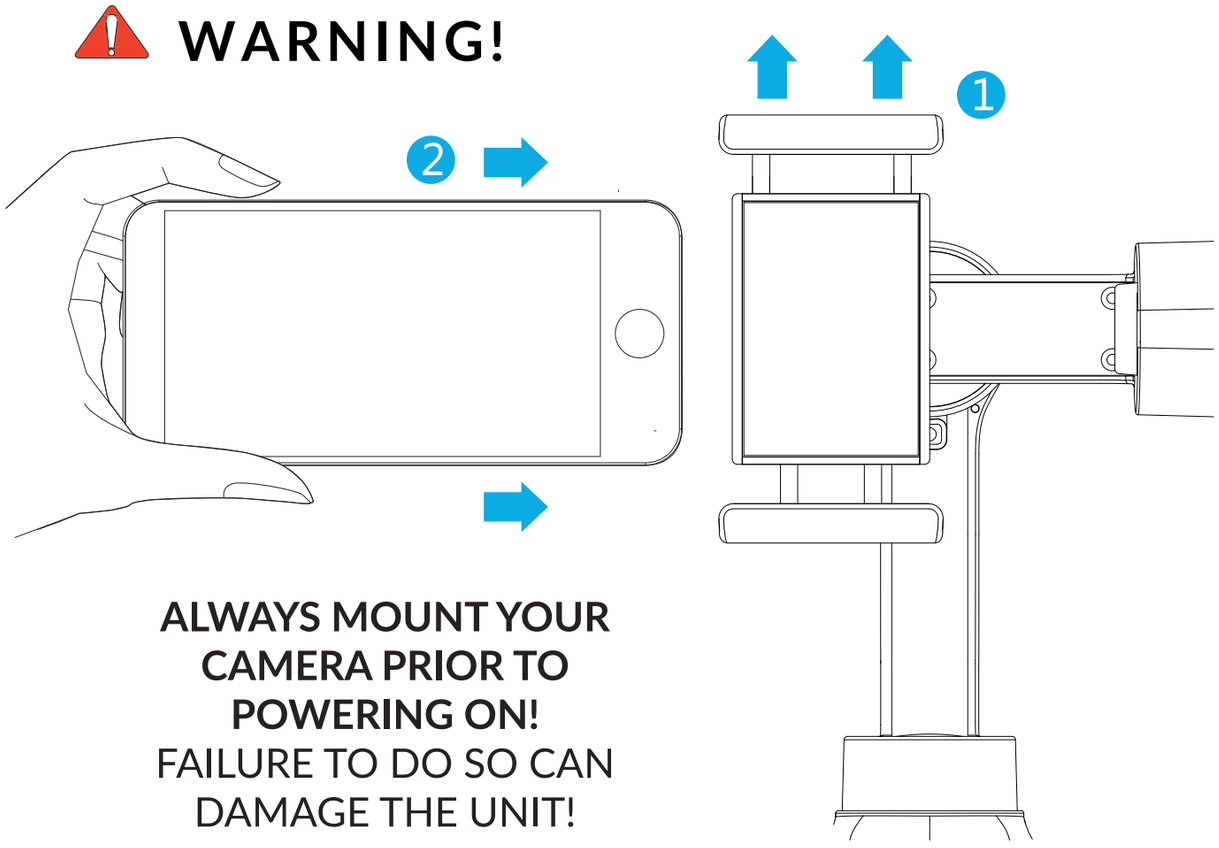
LATEST INFORMATION

For the latest user manuals, tutorial videos, firmware and calibration instructions please visit our official wepage at EVOGimbals.com

EVO GIMBALS

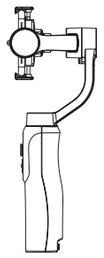
Phone: +1 866 977 6688
Website: EVOGimbals.com
Address: 20810 Sockeye Pl
Suite 200
Bend, Oregon 97701

⚠ WARNING!

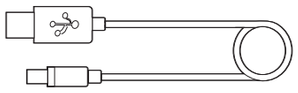


ALWAYS MOUNT YOUR CAMERA PRIOR TO POWERING ON!
FAILURE TO DO SO CAN DAMAGE THE UNIT!

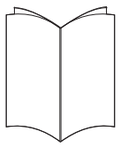
IN THE BOX



SHIFT GIMBAL



MICRO USB CABLE



USER MANUAL

Please check that all items are included, if you are missing any items or components please contact your dealer immediately!

⚠ IMPORTANT!

Your SHIFT has an electronic gyroscope that can be affected by temperature. Always ensure proper startup calibration to ensure the best performance. Please refer to our tutorials videos on EVOGimbals.com for more information on proper setup, startup and maintenance calibration.

OVERVIEW

EVO GIMBALS

SHIFT

1. Smartphone Mounting Clip	2. Roll Motor
3. Tilt Motor	4. Pan Motor
5. Bluetooth Indicator	6. Battery Indicator
7. Joystick	8. Mode Select
9. Zoom Control	10. Power ON/OFF

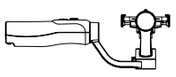
11. Screw thread (for extension poles or tripods)

GETTING STARTED

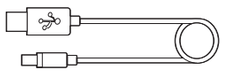
01 UNPACK SHIFT

First a big thank you for choosing EVO Gimbals! Before you begin please be sure to unpack your SHIFT and review your contents list!

Your SHIFT should be packed with the following items (including this user guide):



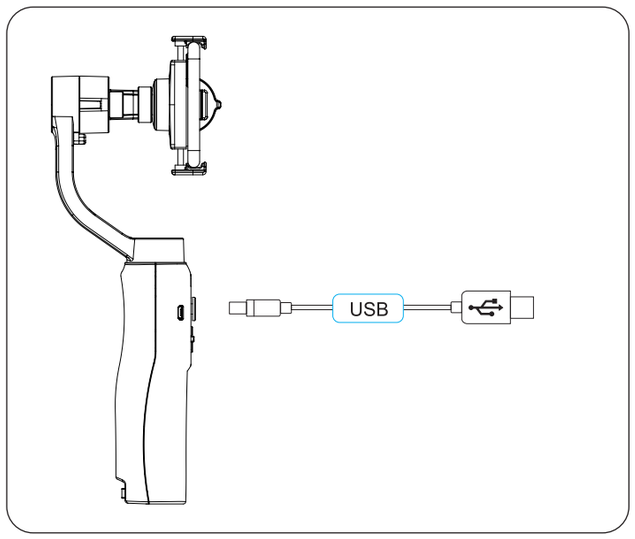
SHIFT GIMBAL



MICRO USB CABLE

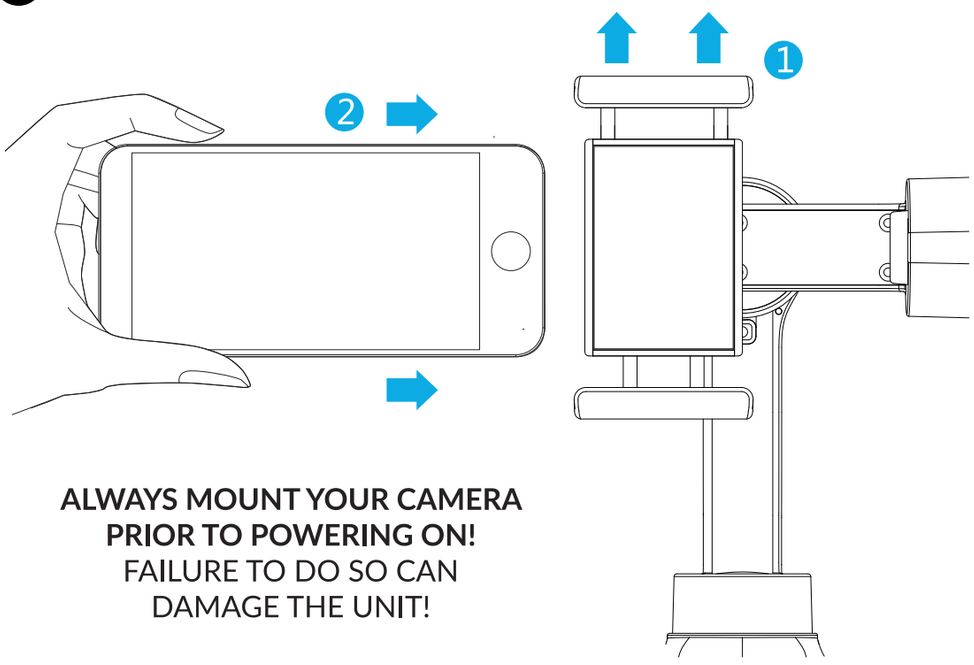
USER MANUAL

02 CHARGE SHIFT



Note: Your new gimbal comes with built in charging capabilities. Use the provided Micro USB cable with any standard USB charging port to charging port to charge your gimbal's batteries. Full charge time is 2.5 hours.

03 MOUNT CAMERA



ALWAYS MOUNT YOUR CAMERA PRIOR TO POWERING ON!
FAILURE TO DO SO CAN DAMAGE THE UNIT!

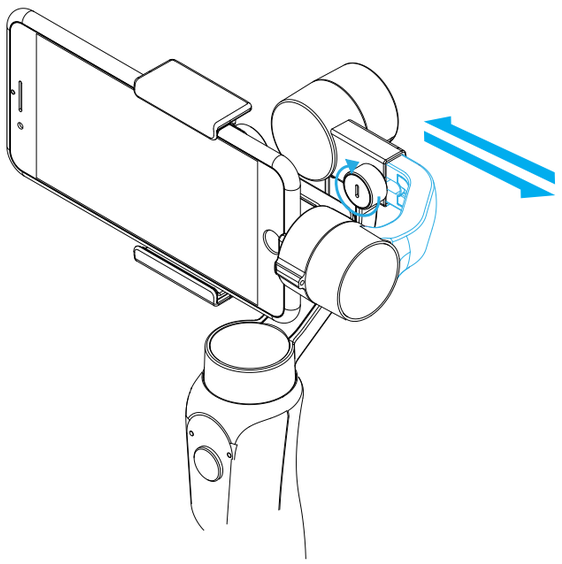
Mount your smartphone to the mounting clip. Adjust your camera so that it is centered on the mounting clips.

04 CHECK BALANCE

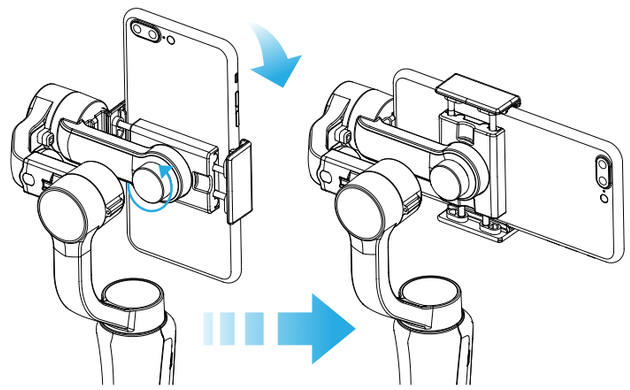
With the gimbal upright, begin balancing the Tilt axis by slightly loosening the camera tray thumbscrew.

Make small adjustments up or down to the the camera tray and retighten the adjustment knob to check for balance.

Note: Adjust the camera tray to the lowest position for larger size phones such as the iPhone 7 Plus.



05 SWITCH MOUNT DIRECTION

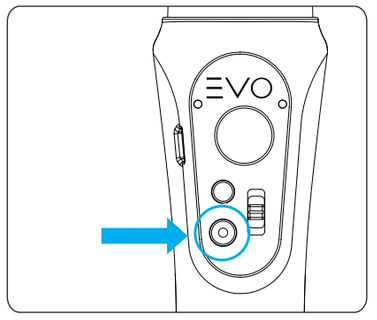


Loosen the Mobile Clamp Thumb Screw on the back and rotate the clamp with the smartphone mounted to the desired direction (either in horizontal or vertical).

Tighten the Thumb Screw to ensure normal operations.

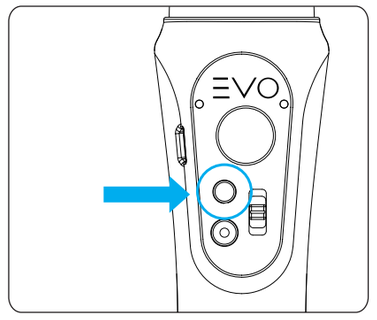
06 OPERATION

POWERING ON:



Press & Hold down the power button and for 3-4 seconds, the motors will automatically power on in the Pan Follow Mode.

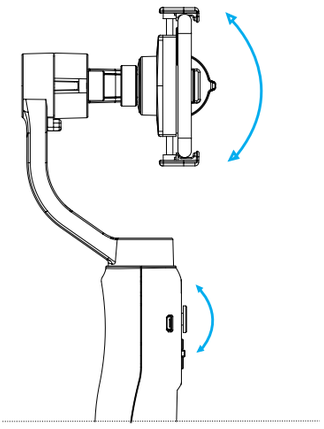
STANDBY MODE:



Turn motors ON / OFF by depressing the joystick for 2 seconds.

SWITCH STABILIZING MODES:

Single click joystick to switch between **Pan Follow Mode** and **Lock Mode**. Double click the mode button to enter **Pan and Full Follow Mode**.



Adjust Camera Angle:

Adjust the camera tilt angle by pushing up or down on the joystick. Camera tilt can only be adjusted in **Pan Follow Mode** or **Lock Mode**.

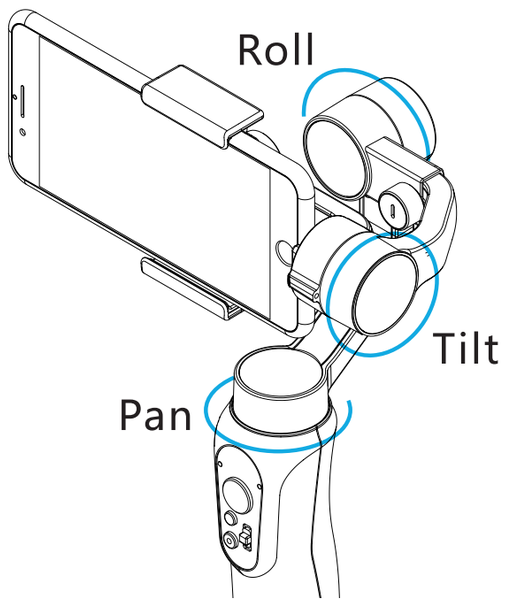
Adjust the camera Pan angle by pushing left or right on the joystick. Camera Pan angle can only be adjusted in **Lock Mode**. Camera roll angle can be adjusted when in **Pan and Full Follow Mode** by pushing joystick left/right.

OPERATING MODES

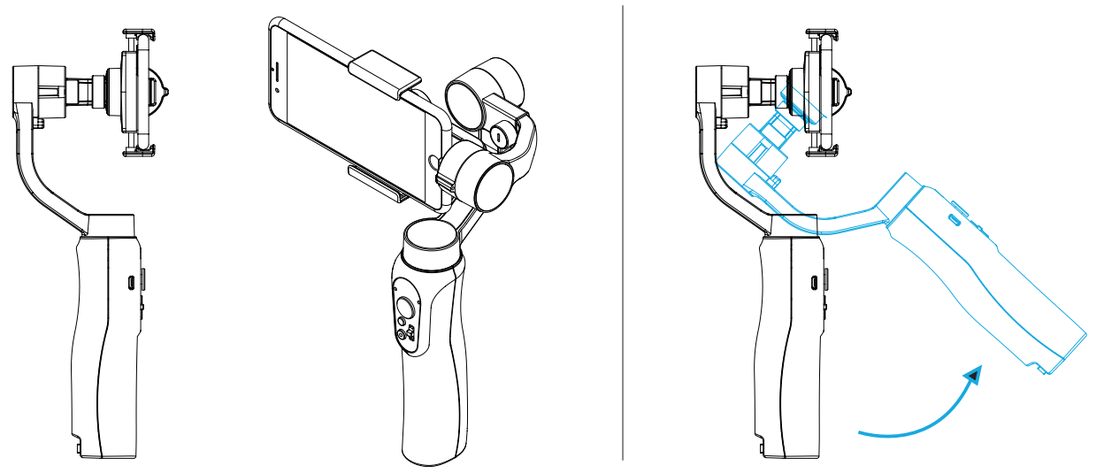
OVERVIEW

Your SHIFT gimbal comes pre-programmed with 4 different shooting modes for ultimate creativity.

Please make note of each motor as shown in diagram to the right. You can also view ourtutorial videos online to further understand the differnt operating modes.

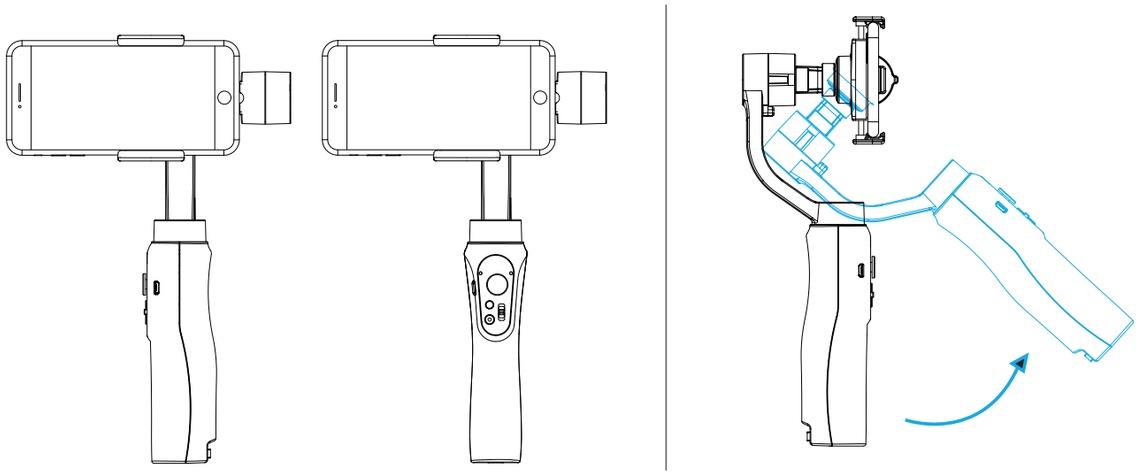


PAN FOLLOW MODE - 1 CLICK



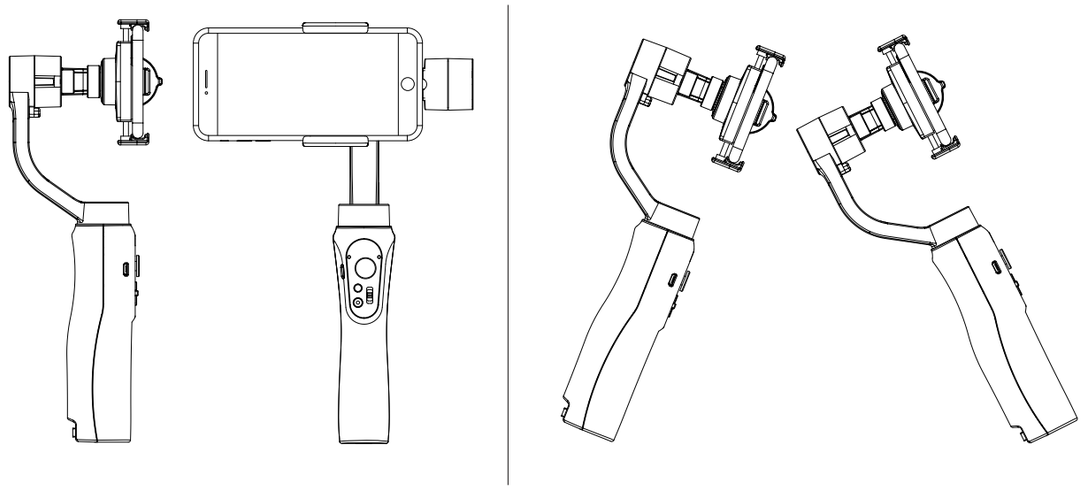
Tilt & Roll axis are locked.
Pan axis rotates smoothly with turn of wrist.
Use joystick up and down to control tilt of camera.

LOCK MODE - 1 CLICK



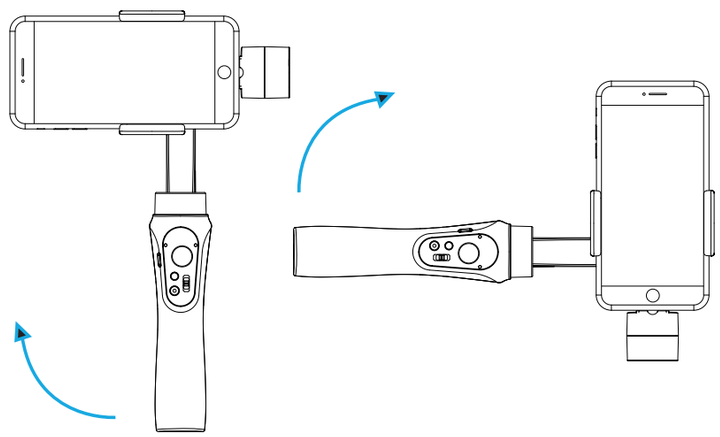
Tilt, Roll and Pan axis are locked.
Use joystick up and down to control tilt of camera.
Use joystick left and right to manually pan camera left/right

FULL FOLLOW MODE - 2 CLICKS



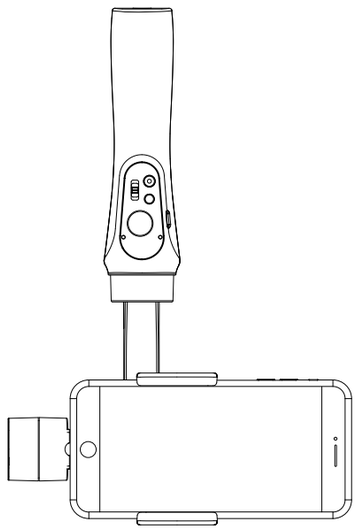
Roll axis is locked. Pan and Tilt axis smoothly follow handle.
Use joystick left and right to adjust the pan angle.
Single click joystick to exit into previous mode.
Note: upon exiting this mode the camera tilt angle and roll angle will remain locked in last position.

PORTRAIT & INVERTED MODE



Use the gimbal in portrait mode by rotating the handle left or right past 45 degrees until the handle is 90 degrees flat to the horizon. The camera will automatically begin rotating in the direction of the handle. Use this mode for live facebook streaming or for vertical frame panorama shots.

To use the gimbal inverted continue to rotate the handle around until the handle is in the upright position. The camera will continue to follow until it is upside down level with the horizon.

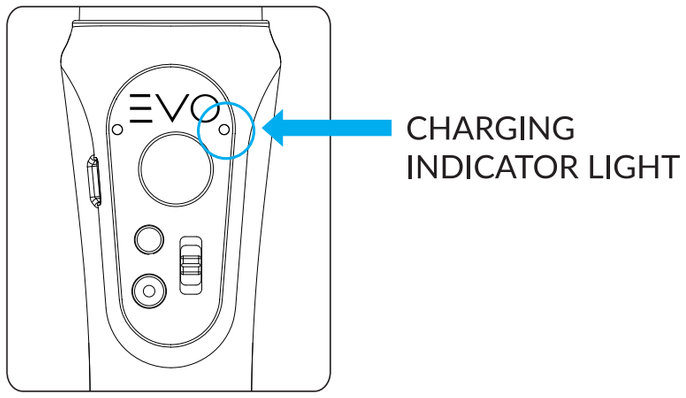


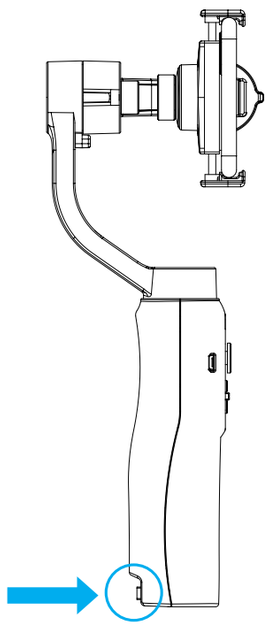
For additional information and video tutorials on switching between modes and their intended uses please go to EVOGimbals.com

CHARGING YOUR SHIFT

Connect the Micro USB Port on the side of the handle to any standard USB outlet or phone charger using the included Micro USB cable. Batteries take approximately 2.5 hours to fully charge. Shorter charge times can be achieved using higher mA rating AC/DC adapter.

- Flashing Amber = Charging
- Solid Amber = Finished

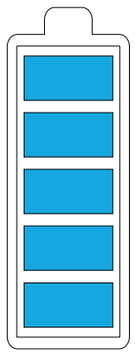




ALWAYS USE GENUINE LI-ION 26500 OEM BATTERIES!

Your gimbal must be matched with the orignal batteries to guarantee performance, long life and safety!

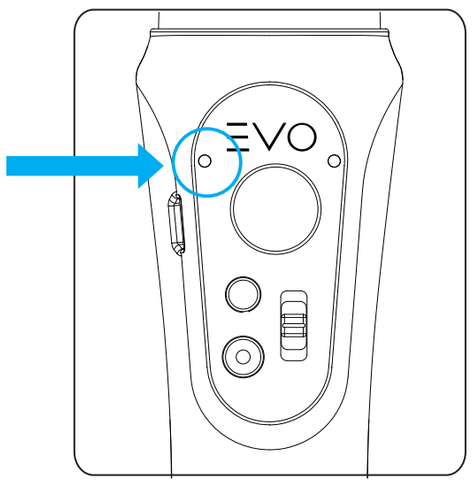
Additional batteries can be purchased from your dealer or direct from EVOGimbals.com



POWER INDICATOR LIGHT

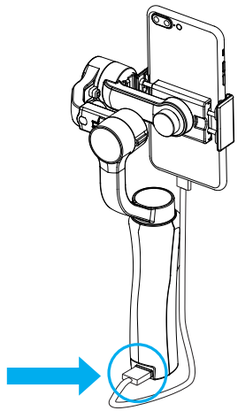
Monitor Remaining Battery Power:

4 Flashes = 100 - 76%
3 Flashes = 75 - 51%
2 Flashes = 50 - 26%
Flashes Quickly = 25 - 0%



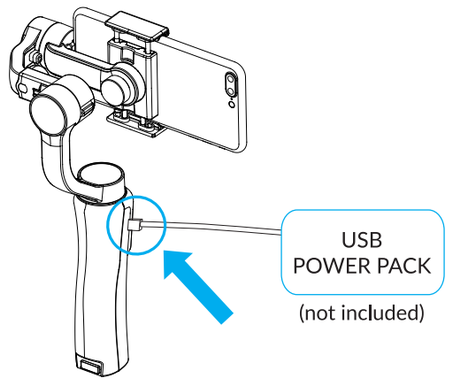
USB CONNECTION

MOBILE CHARGING



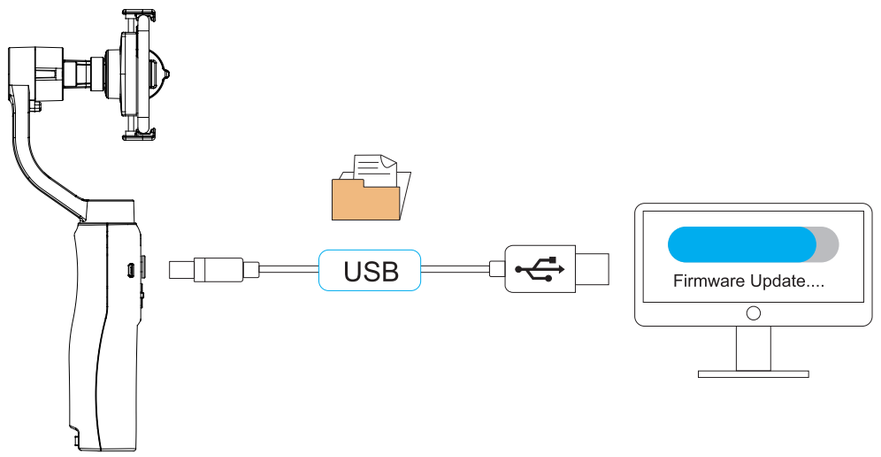
The USB Port at the bottom of the stabilizer handle can be used to charge your smartphone while in use on the stabilizer.

IN-USE CHARGING



Connect the Micro USB Port on the side of the Shift's handle to a portable power source such as a USB power pack (not included) to extend run-times.

FIRMWARE & SOFTWARE UPDATES



Connect gimbal to your computer using the included Micro USB cable to upgrade the firmware or to use the software calibration tool.

For the latest firmware upgrades, user manuals and software calibration please visit EVOGimbals.com and click on Downloads.

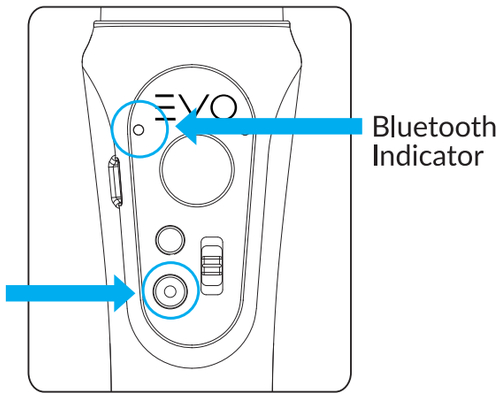
CONNECT TO EVO GIMBALS APP

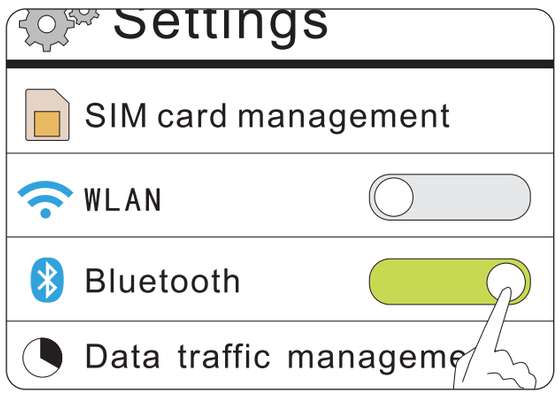
DOWNLOAD APP

For Android users (Supports Android 4.3+) please download Android APP from Google Play.

For iOS users please search and download APP (”EVO GIMBALS APP”) on the iOS APP store.

CONNECT TO YOUR GIMBAL





01 Power on gimbal by pressing power button.

02 Turn on Bluetooth in your smartphone settings menu.

Open the EVO Gimbals APP and search for the EVO SHIFT bluetooth signal by selecting the bluetooth icon on the upper right corner of the screen.

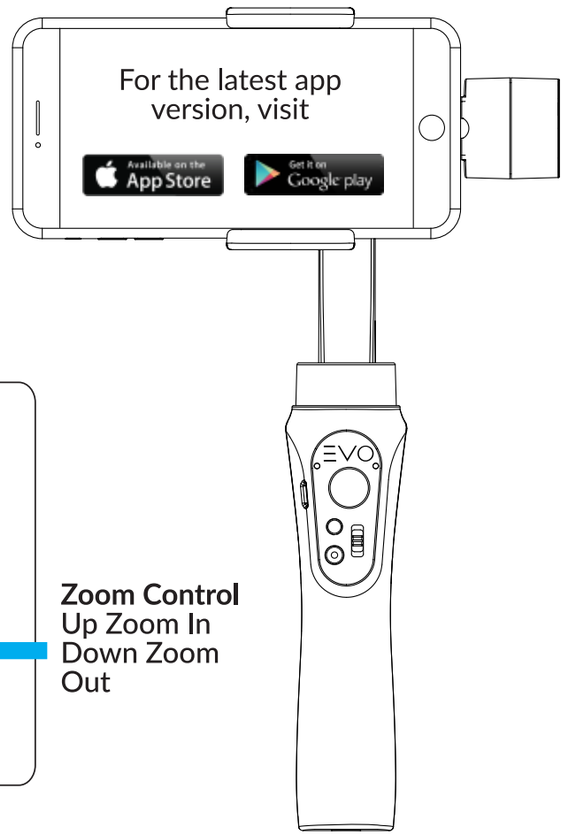
Select the EVO SHIFT from the device list and the APP will automatically connect.

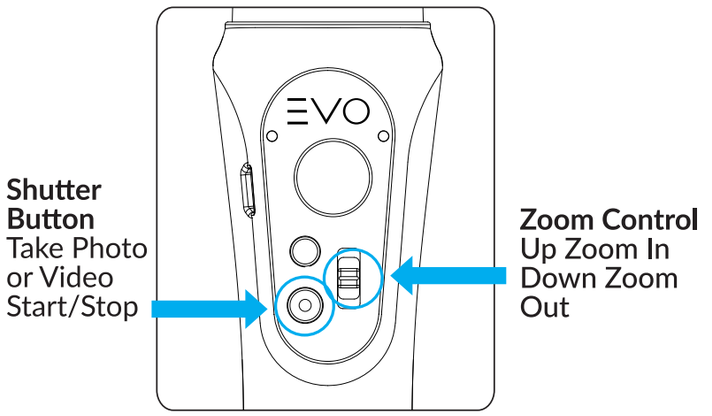
The Bluetooth indicator light will become solid when connected

For the latest information on the EVO Gimbals APP and its function please go to EVOGimbals.com

TAKING PHOTOS & VIDEOS

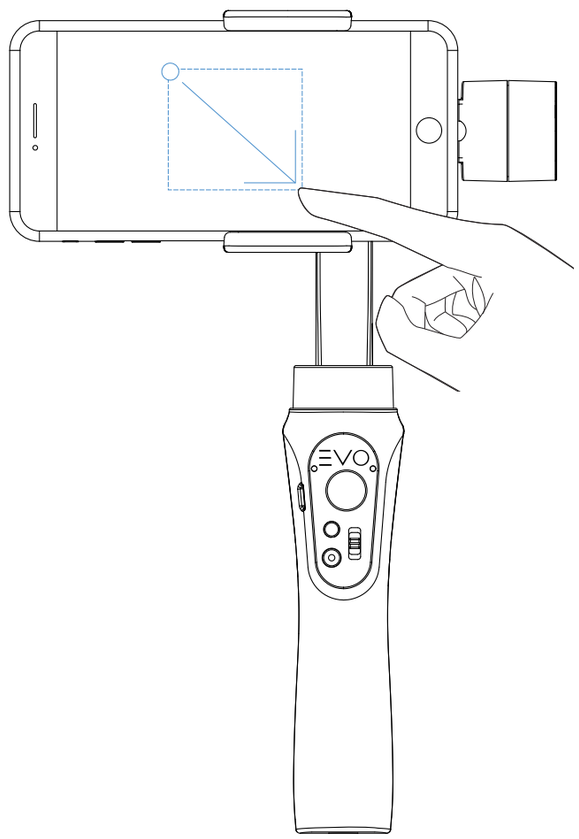
After your gimbal is connected, use your gimbals shutter button and zoom slider to control your cameras functions.



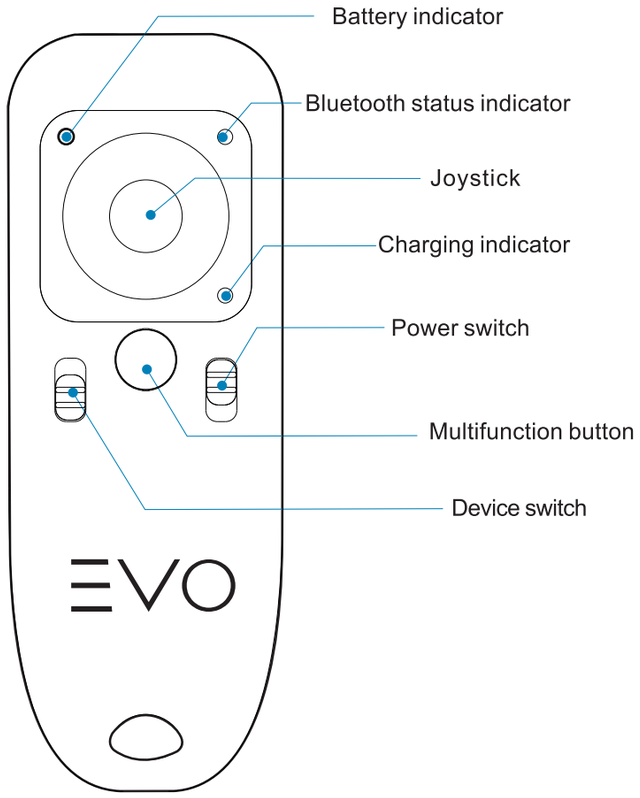


ACTIVATE SMART TRACK

Smart Track can be activated when the gimbal is in **Lock Mode**. To turn Smart Track ON or OFF select the Smart Track icon in the upper left corner and swipe your finger to select the person or object you want to track.



WIRELESS REMOTE



Wireless Remote Binding Instructions

1. Place remote within 5 feet of gimbal.

2. Hold down the multifunction button while switching on the power switch.

3. Bluetooth Indicator light will rapidly flash while connecting. Indicator light will illuminate solid when connected successfully.

Note: Wireless remote sold separately.

Battery Indicator
4 Flashes = 100 - 76%
3 Flashes = 75 - 51%
2 Flashes = 50 - 26%
Flashes Quickly = 25 - 0%

Bluetooth Status Indicator
Continuous Flashing = Not Connected
Solid Light = Connected
Flash Once = Device Switch

Charging Indicator
Red = Charging
Green = Fully Charged

Power Switch
UP = Power On
DOWN = Power Off

Device Switch
UP = Remote Control
DOWN = Smartphone Control

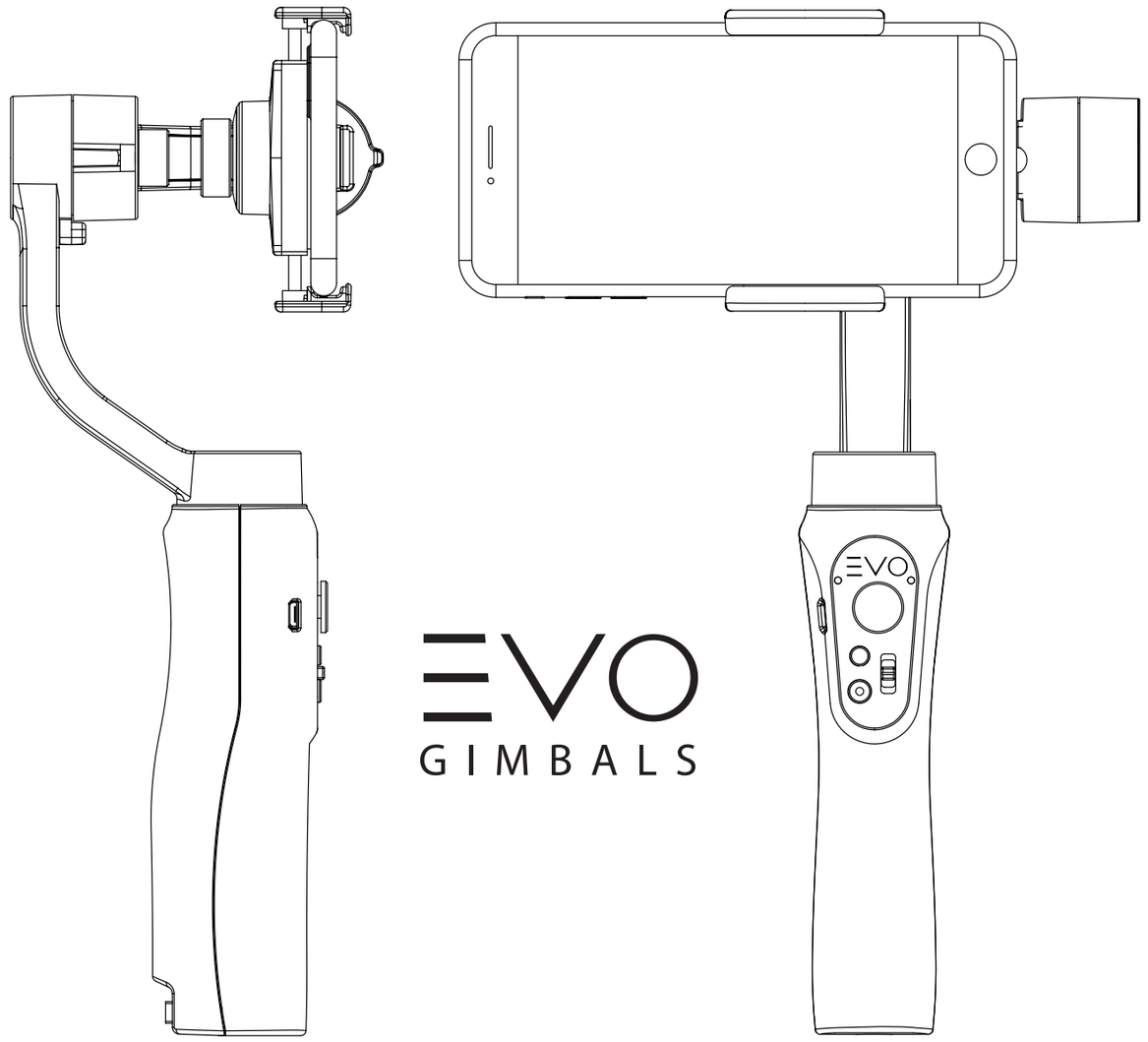
Multifunction Button
Single click to return gimbal to original position.

Joystick
Single Click the Joystick to switch between operating modes. Pan Follow Mode (default) and Lock Mode. Double Click the joystick to enter Full Follow Mode. Single click the joystick again to exit this mode and return to previous mode. Please refer to the Operating Modes section of the manual for more details.

Remote Specifications:

Charging Voltage:	5V
Battery Life:	~30 Hours
Battery Capacity:	150mAh
Transmit/Recieve Current:	11.9mA
Normal Operating Current:	2.8mA
Max Control Distance:	~30' Feet

SPECIFICATIONS



EVO GIMBALS

SHIFT

Dimensions (mm):	Length:120 Width: 105 Height:295
Operating Current:	4.2mA
Operating Temperature:	5F°-115F° (-10C°-45C°)
Run-Time:	12h
Gimbal Weight:	450g(unloaded)
Smartphone Payload:	75g-200g
Controllable Tilt Angle	-135°-+185°
Controllable Roll Angle	-30°-+30°
Controllable Pan Angle	360° Unlimited
Battery:	Li-Ion 26500
Charging Voltage:	5V
Charger Current:	1500mA
USB Charger Input Voltage:	5V USB

LIMITED 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. 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 INFORMATION

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 detemined 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 (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 and/or obtain warranty service for your gimbal,**

Visit Our Web Site:
EVOGimbals.com

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