CLAR

SG3 3-Axis
Stabilized Gimbal

for Smartphone's and Go-Pro's

Contents

Safety Precautions

Before using your Clar SG3 Gimbal please ensure you read and understand the following product and safety precautions.

• Intricate components inside the SG3 may be damaged upon impact and cause the gimbal to malfunction.

• Ensure there is nothing obstructing the gimbal when the SG3 is powered on.

• SG3 gimbal is not water resistant. Do not use any liquid cleansers. Only use a soft dry cloth to clean the SG3.

• Keep the SG3 away from sand and dust to safeguard the sensors in the motors.

• ONLY recharge the SG3 using the supplied USB cable: If using a wall charger, ensure that it is a certified product for your region. AC Input: 100-240VAC 50/60Hz. DC Output: 5V 1A. Only use a USB wall charger with suitable approval and certification. Do not charge in conditions outside of the 10°C - 45°C range. If you do not know the voltage and current of your charger, use the included cable to charge from your computer.

• The gimbal should not be used in heat exceeding 131°F (55°C10).

• DO NOT drop, crush, pierce, bend, deform, microwave, incinerate or, shoot the gimbal.

Important Battery Safety Information

• DO NOT use any third-party or unknown accessories or batteries.

• DO NOT disassemble the battery.

• DO NOT short-circuit the battery. Short circuiting may occur when the battery touches other metal objects.

• DO NOT charge the battery in direct sunlight.

• Always charge the battery in a designated space, away from people and animals.

• DO NOT leave a battery on prolonged charge when not in use.

• If the battery has a high surface temperature, leave it to cool before you try to re-charge it.

• DO NOT charge the battery if the ambient temperature is below 50°F or above 113°F.

• Always use the supplied charger and observe manufacturer charging requirements.

• Battery performance is best when within normal room temperature (41°F-68°F).

• Batteries need to be charged before use.
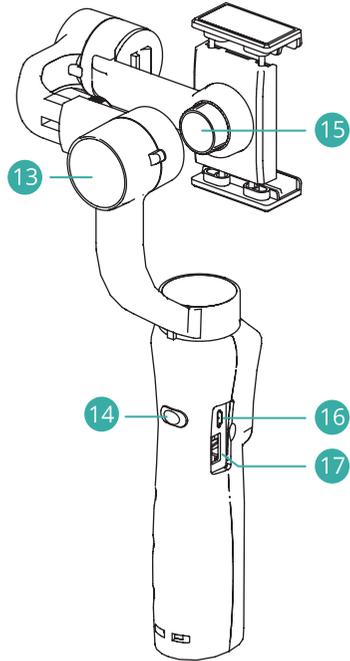
Product Diagram
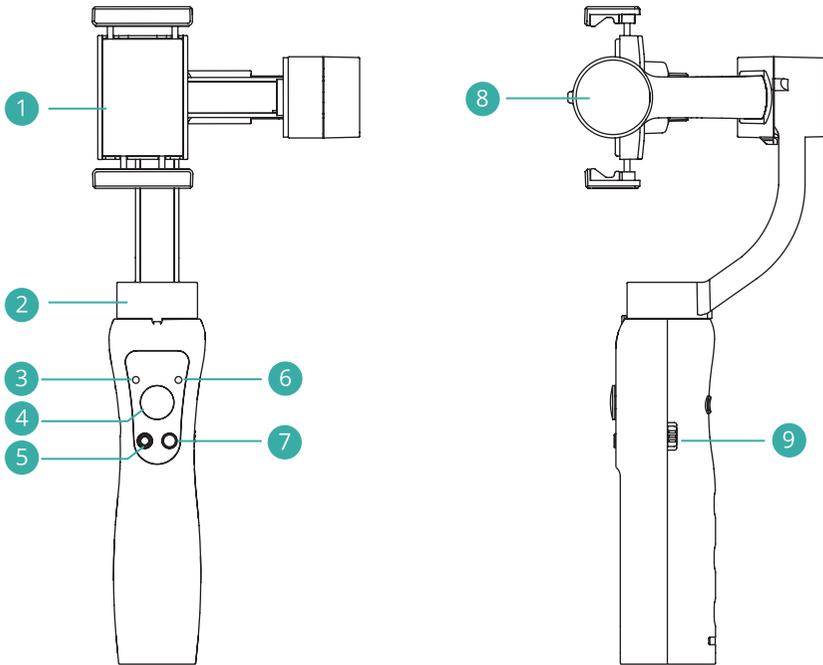
1. Smartphone Holder
2. Pan Motor
3. Battery Charge Indicator
4. Joystick
5. Power ON/OFF

6. Status Indicator
7. Mode
8. Tilt Motor
9. Zoom IN/OUT
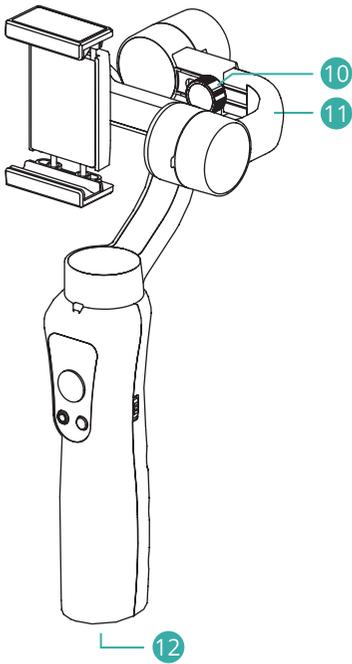
10. Balancing Screw

11. Adjustable Arm

12. ¼" Thread screw

13. Roll Motor

14. Capture

15. Holder Adjustment

16. Micro USB Port

17. USB Power Output

Preparing The XS3

Install the Clar Smart Gimbal App

Download and install the Clar Smart Gimbal app on your Smartphone.
See page 11 for the pairing process.

Initial Setup

Make sure the Gimbal is fully charged before use.

Connect the USB wall charger (not included) to the Micro USB charging port
using the supplied charging cable.

Find the Clar Smart
Gimbal app on the App
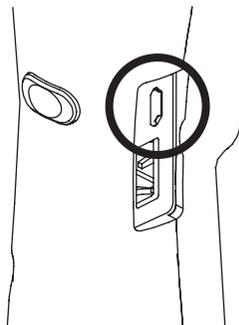store or Google Play store

The battery status indicator will start flashing blue when the power cable is
connected.

The battery is fully charged when the battery indicator turns solid blue.

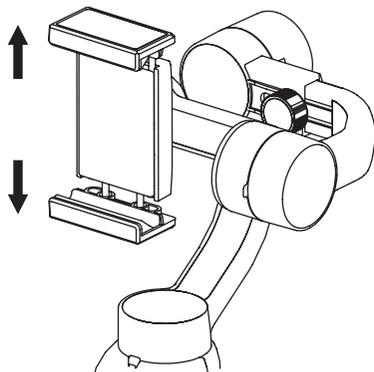Battery indicator will flash rapidly when the battery is low.

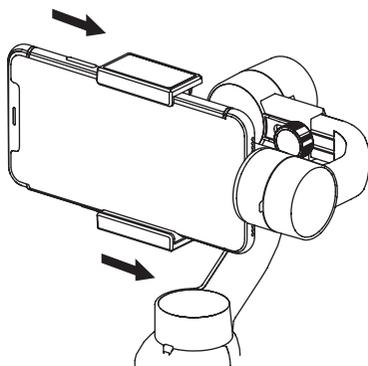Recommended charging time is 4-5 hours. Maximum runtime is 10-12 hours.

Mounting Your Smartphone

Smartphone

Pull the sides of the holder outwards and place the Smartphone horizontally in the holder, then release the sides.

Once the phone is in the holder, slide the phone into the groove of the tilt motor.
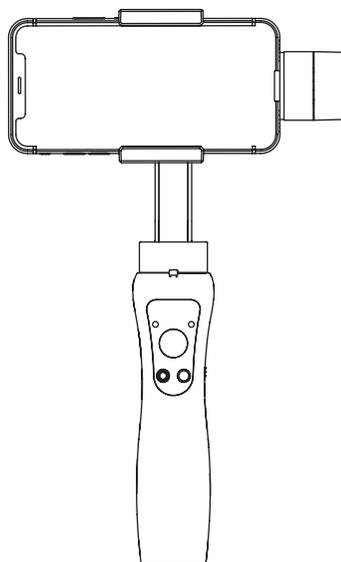
Mounting Your Smartphone

It is important to balance the SG3 Gimbal before turning on.

The axis is balanced if the Smartphone remains level when released.

See Page 09 for balancing your Gimbal.

Note: Make sure the Smartphone/Action Camera is mounted and balanced before the Gimbal is turned on. Do not power on the SG3 Gimbal without a phone or a camera.

Mounting Your Action Camera

Action Camera

Place the Action Camera on the Camera Tray and then secure the Action Camera using the bracket and thumb screws.

Pull the sides of the holder outwards and place the camera adapter horizontally in the holder, then release the sides. Once the adapter is in the holder, slide it into the groove of the tilt motor.

It is important to balance the SG3 Gimbal before turning on.

The axis is balanced if the camera adapter remains level when released.

See Page 09 for balancing your Gimbal.

Note: The Action Camera will need to be activated manually. Recording or Zoom buttons on the SG3 Gimbal cannot be used to control Action Camera.
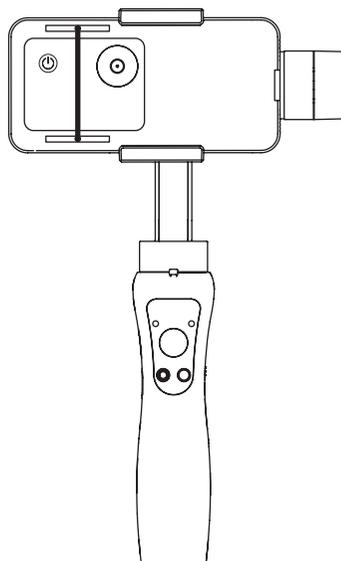
Balancing

How to Balance

It is recommended you place the Gimbal on a level surface as you make adjustments. If after mounting the Smartphone/Action Camera it tilts to the left, loosen the roll axis balancing screw (10) and pull out the adjustable arm (11) gradually until it remains level.
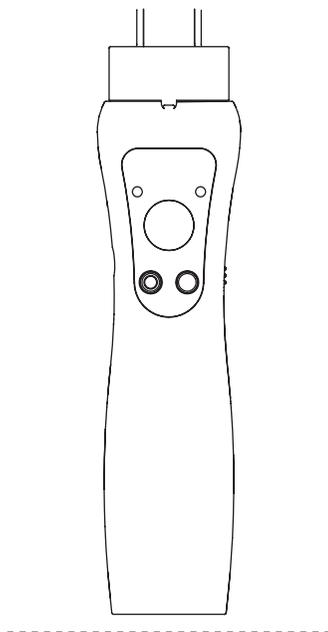
If the Smartphone/Action Camera tilts to the right, slightly push the arm back in until it levels out. Once level tighten the balancing screw (10). It is now safe to power on (5) your Gimbal.
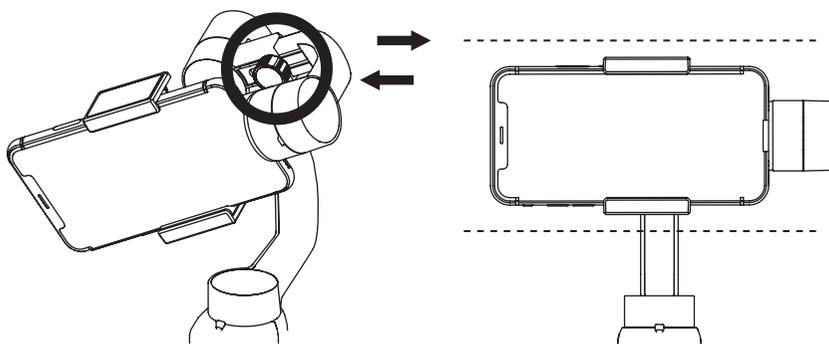
Power ON/OFF

To power ON / OFF the Gimbal, press and hold the power button (5) for few seconds.

Real Time Charging.

The SG3 Gimbal has the built-in power bank which is capable of charging Smartphones and Action Cameras.

Simply connect your Smartphone or Action Camera charger cable into your camera and then to the standard USB power output port (17) on the SG3 to start charging.

Note: SG3 cannot charge other devices whilst charging itself. Do not try to charge your Smartphone or Action Camera while the SG3 Gimbal is charging.
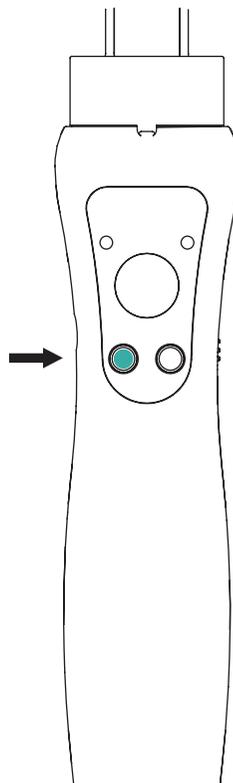
Connecting & Using the APP

How to Pair your Smartphone with your Gimbal

1. Turn on Bluetooth on your Smartphone.

2. Power on the SG3 by holding the power button for a few seconds.

3. Launch the Clar Smart Gimbal App on your Smartphone to start pairing your Gimbal.

4. Bluetooth ID (STABILIZER_XXXXXX) will appear once the app finds the SG3 Gimbal, tap on it to pair it.

5. If the pairing is successful the Bluetooth/Battery icon will appear on the screen (6). You can now start using all the app features.

6. If the pairing is not successful try turning Bluetooth off and on until you see (STABILIZER_XXXXXX).
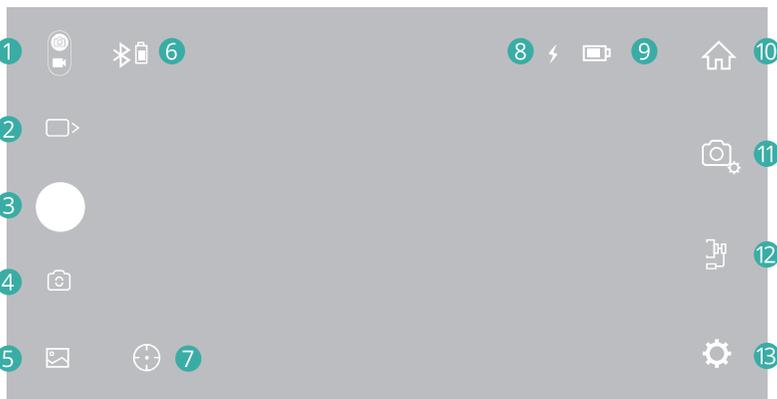
1. Photo & Video	6. Bluetooth / SG3 Battery	11. Camera Modes
2. Capture Modes	7. Face / Object Tracking	12. Operating Modes
3. Record	8. Flash	13. Settings
4. Toggle Camera	9. Phone Battery	
5. Gallery	10. Home	

Pairing your Gimbal with the Smart Gimbal.
App allows you to access and control a range of features.

Face Tracking

In this mode, it will detect the face you have specified and track it as it moves.
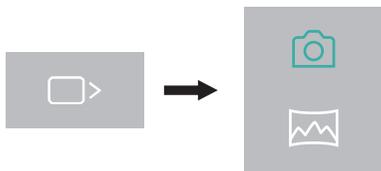
Object Tracking

Mark an object on the screen to track as it moves. Once turned on, touch and drag on the area that you want to be tracked.
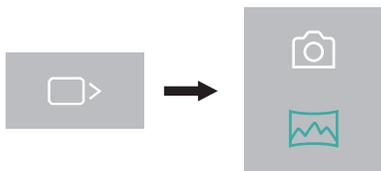
Photo Modes:

Single Shot

Set the timer for automatic capture.

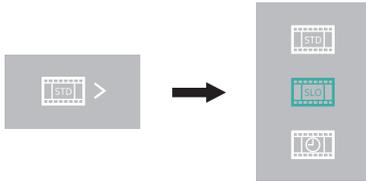### Panoramic Shot

Gimbal will rotate itself to capture in 330°/180°

Video Modes:

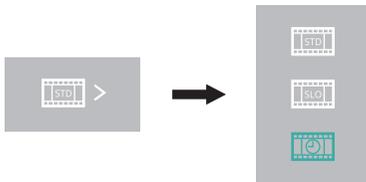### Slow Motion

Normal footage being played at a slower speed.

Time Lapse

Sequence of frames at set intervals to record changes that take place.
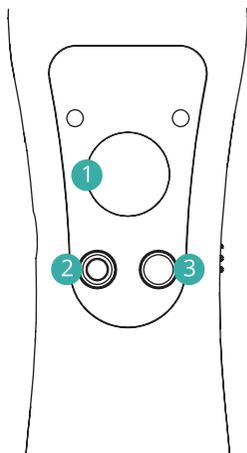
Operation

Status Indicator Light

Blue	Initiation process
Green	Ready for operation
Red light-Solid	Low Battery-Power OFF
Red light-Rapid Flashing	Overload / Not Balanced-Power OFF
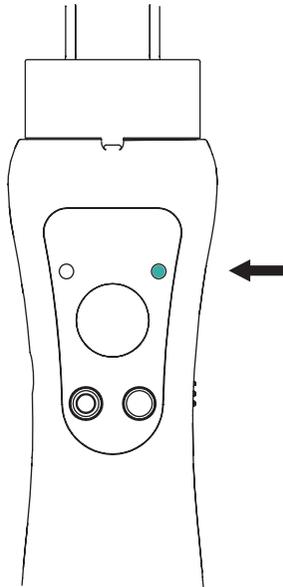
Controls

1. Joystick

Use the joystick to pan or tilt the Smartphone/Action Camera.

The Joystick can be used in all 3 modes.

2. Power Button

Power ON/OFF-Hold the power button for a few seconds to power ON/OFF.

Video/Photo Mode-Tap the power button 3 times to switch between Video/Photo modes when using the Clar Smart Gimbal App.

Front/Rear Camera-Tap the power button 2 times to switch between Front/Rear camera when using the Clar Smart Gimbal App.

3. Mode Button

Tap once to change modes.
(See page 18 for more details on the modes)

Tap twice to re-center the Smartphone/Action Camera.

4. Capture Button

Press the capture button once to either Start/Stop recording or to capture a photo depending on the mode you are in.
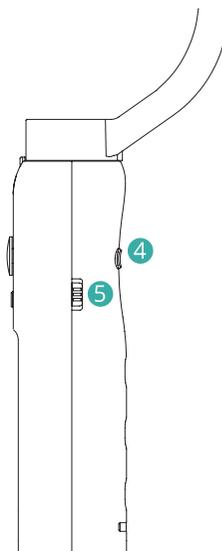
Users can switch between the Video/Photo mode in the Clar Smart Gimbal App.

Note: This button will only work when using the Clar Smart Gimbal App.

5. Zoom

Push UP/DOWN to zoom IN/OUT.

**Note:** This button will only work when using the Clar Smart Gimbal App.

Operating Modes

Use the mode button to switch between Pan & Tilt Follow, Pan/Follow and Lock modes. The Gimbal enters Pan & Tilt Follow by default when the gimbal is powered on.

1. Pan & Tilt Follow mode

Pan and tilt allows the Gimbal to move in both horizontal and vertical axes.

Push the joystick UP/DOWN to manually control the tilt axis, move the joystick LEFT/RIGHT to manually control pan axis.
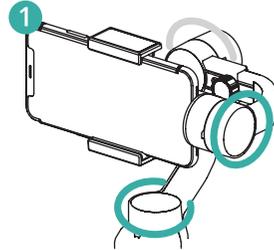
2. Pan Following Mode

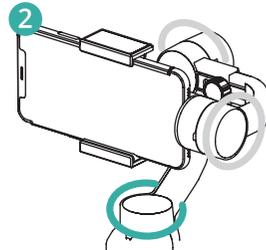The Smartphone/Action Camera will follow the movement of the Gimbal while the tilt and roll axes are locked. Push the joystick UP/DOWN to manually control the tilt axis, move the joystick LEFT/RIGHT to manually control pan axis.

3. Lock Mode

In this mode all axes are locked (Pan/Tilt/Roll) to keep the Smartphone/Action Camera still and stable. Push the joystick UP/DOWN to manually control the tilt axis, move the joystick left and right to manually control pan axis.

Vertical Orientation

Hold the SG3 gimbal upright when the Smartphone is in default horizontal position.
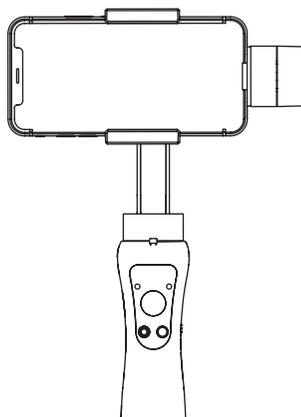
Rotate your wrist 90º to the right side and hold the SG3 gimbal perpendicular to the floor. The SG3 will bring the Smartphone into vertical orientation. You can now change the direction of your wrist to change the direction of Smartphone.
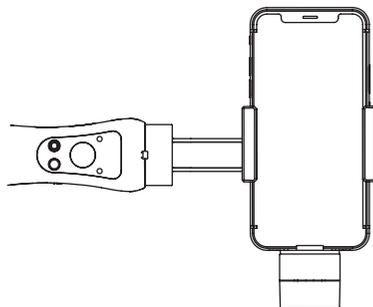
Specifications

Attribute	Detail
Tilt Angle	325°
Roll Angle	180°
Panning Angle	330°
Payload	2.65-7.4 oz.
Controllable Tilt Angle	+155°/-155°
Controllable Roll Angle	+30°/-30°
Controllable Pan Angle	+155°/-155°
Zoom Control	Yes
Run Time	10-12 hours
Connectivity	Bluetooth
Smartphone App	Yes
Weight	16.4 oz.
Charging Time	4-5 Hours
USB Power Output Voltage	5V

One Year CLAR Limited Warranty

CLAR warrants to the original purchaser that your CLAR product shall be free from defects in material and workmanship for the period of one (1) year from the date of purchase (or delivery as may be required in certain jurisdictions), or thirty (30) days after replacement, whichever comes later.

CLAR's entire liability and your exclusive remedy for any breach of warranty shall be, at CLAR's option, to repair or replace the hardware, provided that the hardware is returned to the point of purchase or such other place as CLAR may direct with a copy of the sales receipt or dated itemized receipt. CLAR may, at its option, replace your product, offer to provide a functionally equivalent product, or repair any product with new, refurbished or used parts as long as such parts are in compliance with the product's technical specifications. Any replacement hardware product will be warranted for the remainder of the original warranty period or thirty (30) days, whichever is longer, or for any additional period of time that may be applicable in your jurisdiction. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover problems or damage resulting from accident, abuse, misapplication, or any unauthorized repair, modification or disassembly, improper operation or maintenance, normal wear and tear, or usage not in accordance with product instructions or connection to improper voltage supply, use of consumables, such as replacement batteries, not supplied by CLAR, except where such restriction is prohibited by applicable law.

Except where prohibited by applicable law, this warranty is nontransferable and is limited to the original purchaser and the country in which the product was purchased. This warranty gives you specific legal rights, and you may also have other rights, including a longer warranty duration that may vary under local laws.

To start a warranty claim contact the CLAR Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to CLAR, along with the RMA number and proof of purchase.

Question about our product line? Need Product Support?

We are proud of our products and celebrate our customers. We are with you, from product selection to everyday use. Be secure with your purchase and reach us as you need.

Email us: brands@adorama.com   **Call:** 212-647-9300

Address: Adorama Brands, 42 West 18th Street, New York, NY 10011

You can always contact us at BRANDS@ADORAMA.COM for personal technical support. Our web site contains a wide range of Support and FAQ pages with valuable technical assistance.

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