GoPro compatible
Congratulations on your new Steadicam® Volt™ stabilizer, an evolution of 40 years of Hollywood filmmaking in the palm of your hand! By simulating the inertia found in professional Steadicam® rigs, this stabilizer gives you real tactile feedback, allowing moves that cannot be achieved by handheld operation or with other stabilizers.

In the box

- USB charge cable
- Carrying bag
- Quick start guide

Visit store.tiffen.com for accessories.

Steadicam® Volt™ stabilizer

Battery charger
Rechargeable batteries (2) (Shipped installed)
GoPro mount
Threaded start weight
Magnetic weights (7)
Button clearance pad

Also included:
- USB charge cable
- Carrying bag
- Quick start guide
Get started

Remove the **batteries** from the stabilizer and charge batteries completely before using. To charge, insert the batteries into **battery charger** and connect to USB power. Do not leave batteries charging unattended.

- **Red LED:** indicates charging in progress.
- **Blue LED:** indicates charging complete.

Download the Tiffen **Imagemaker™ App** from your phone's app store to expand your camera’s video recording functionality.

Setup

Unfold the **Arc.**

Unfold **support brace** and clip to the **Arc.**
Unfold gimbal handle.

Ensure power switch is turned OFF.

Remove battery cover and install charged batteries.

Open the phone mount.
Proper balancing is essential for Steadicam® Volt™ to stabilize your phone. Depending upon the weight of your device, the stabilizer may need from 0 to 7 balance weights on the base. Use as few weights as possible.

1. Center your phone in the spring-loaded phone mount, and make sure it’s held securely.

2. Dial the internal base weight to position #1.

Next, check top-to-bottom balance. Hold stabilizer horizontal, supporting most of the weight by the gimbal handle.

3. Visit tiffen.com for how-to videos and further instructions on balancing Steadicam® Volt™.

Note: the stabilizer must have batteries installed, but remain powered OFF during the balance procedure. Small phones may require the use of a phone case or button clearance pad to ensure a secure fit.
Lighten your grip on the base, and if the base rises up out of hand, the base is too light for your device.

If the base is too light, thread in the starter weight and re-test. Still too light? Add balance weights until the base does not rise up.

OR

If you lighten your grip on the base and the base drops down, the base is too heavy for your device.

If the base is too heavy, remove one balance weight at a time and re-test. Remove weights until the base rises out of hand, then add ONE weight back on.
Balancing

To fine tune top-to-bottom balance, dial the **weight adjuster** until the stabilizer remains horizontal as seen below.

The stabilizer should now hold horizontal. If it rolls over, we’ll adjust that next.

Remember to keep the **power OFF** while balancing!

**5**

**6**

Hold stabilizer upright by the **gimbal handle** and level the stabilizer **fore-aft** by turning the adjuster knob as needed.

**7**

Then level it **side-to-side** by sliding your phone in the mount. Make sure the phone is still secure!
For optimal performance, repeat balance steps 5, 6 and 7 until Steadicam® Volt™ balances in all axes.

When Steadicam® Volt™ is balanced and you're ready to roll camera, slide the power switch to ON. Note: the gimbal handle will spin if not held.

Use your device’s camera mode or launch the Tiffen® Imagemaker™ App for enhanced camera features.

Visit tiffen.com for how-to videos and further instructions on balancing Steadicam® Volt™.
Use two hands and start filming! The gimbal grip supports the stabilizer and a VERY LIGHT touch on the gimbal guide controls pan and tilt of the camera. Practice makes perfect.

The Grip

Operational modes:
Two presses of the mode button engages Movie Mode, one press returns to default Sport Mode.
- **Sport Mode**: motors have maximum influence.
- **Movie Mode**: gives experienced operators additional control.

LED’s and Modes

- **Blue LED**: Indicates Volt is powered on. Blue LED flashes when batteries are low.
- **Green LED**: Indicates Movie Mode (see below.)
- **Red LED**: Flashing indicates an overload situation due to improper balance. Re-balance Steadicam® Volt™.
- **Flashing LED’s**: at initial power-up is normal. Flashing LED’s after power up indicates an error condition.

Visit [tiffen.com](http://tiffen.com) for additional operating tips.
**GoPro mount**

Remove the **phone mount** by turning the adjustment knob *clockwise* and sliding the mount off.

Install the **GoPro mount** by sliding it on and turning the adjustment knob *counterclockwise*.

Install your **GoPro** camera, adjust and add **weights** as shown in step 4.

Adjust the **fore-aft position** as shown in step 6.

Note: side-to-side balance not required for **GoPro** cameras.

Go to [https://tiffen.com/steadicamvolt/](https://tiffen.com/steadicamvolt/) for camera compatibility and setting configurations.
Specifications

Steadicam® Volt™ 3-axis motorized camera stabilizer:

**Mechanical specifications:**
- Approx. dimensions folded: 255mm x 100mm x 70mm
- Approx. dimensions unfolded: 280mm x 190mm x 70mm
- Smartphone weight capacity: 250g max
- Smartphone size capacity: up to 85mm wide
- Normal working temperature: 0˚C ~ 35˚C
- Operating humidity: Under 80% non-condensing

**GoPro Camera compatibility:** See https://tiffen.com/steadicamvolt/

**Battery:**
- 2x type 18350 900mAH, Li-Ion 3.7V
- Manufacturer: Shida Battery Technology Co.
- Battery life: Approx. 8hrs max, 5hrs typical
- Battery charge temperature: 0˚C ~ 40˚C

**Charger:**
- model YUNSTDL05
- Input: USB 5VDC minimum 500mA
- Output: 4.2VDC
- Charge current: 300mA per channel
- Battery charge time: Approx. 5hrs

Specifications subject to change without notice.

Warning: Small parts may pose choking hazard to children. Supervise young operators. **Warning:** Ingested magnets can cause serious intestinal injuries. **Important:** By using the Steadicam Volt, user assumes full responsibility for any damage to any device attached to The Steadicam Volt that may arise other than from a defect in the Steadicam Volt.

**FCC Statement:** This equipment has been tested and found to comply with the limits for Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference off and on, the user is encouraged to try to correct the interference by one of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

**IC Statement for Canada:** This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:(1) This device may not cause interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d’Industrie Canada applicables aux appareils radio exempts de licence. L’exploitation est autorisée aux deux conditions suivantes: (1) l’appareil ne doit pas produire de brouillage, et (2) l’utilisateur de l’appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d’en compromettre le fonctionnement.

This equipment complies with the IC RSS-102 radiation exposure limit set forth for an uncontrolled environment. Cet équipement respecte les limites d’exposition aux rayonnements IC définies pour un environnement non contrôlé.

**Changes or modifications not expressly approved by The Tiffen Company LLC could void the user’s authority to operate the equipment.**

**Radio Equipment Directive (RED) 2014/53/EU:**
- Bluetooth frequency: 2.404 – 2.480 Mhz
- Output power: 2.5mW maximum (transmitting)

**Simplified EU declaration of conformity:**
Hereby, The Tiffen Company LLC declares that the radio equipment type YUNSTD is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: https://tiffen.com/steadicamvolt/compliance/

Visit tiffen.com for additional operating tips and accessories.
Warranty

Tiffen warrants Steadicam® Volt™ to be free from defects in material and workmanship under normal conditions of use and service for one year based on the date of original purchase.

Tiffen’s obligation under its warranty policy is limited at its option, to either repair or replace the defective product. If the product has been superseded, warranty replacement can be made with a current model of the same quality performing the equivalent function.

This warranty is expressly made in lieu of all other warranties, expressed or implied, including specifically without limiting the generality thereof, any implied warranty or merchantability, and of all other obligations or liabilities and Tiffen shall under no circumstances be liable for any consequential damages, expenses or losses or damages resulting from a defect of its product. Tiffen should be notified of a defect in the product by contacting Tiffen Customer Service at 800-645-2522 (631-273-2500) or techsupport@tiffen.com.

The product should be sent to the Tiffen Service Center indicated, prepaid and adequately insured with the return authorization number clearly visible on the front of the package. Include a letter describing the problem.

All returns must include copy of dated sales receipt as proof of purchase from authorized Tiffen dealer. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

For more information, visit www.tiffen.com/warranty

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