



SHAPE

Owner's Manual

Model N. **ISEE+**

Please read this instruction carefully before using this product,
and save this manual for future use.

If you have any questions, visit www.shapewlb.com or call 1.888.968.9810 (Us&Can Free) or 1.450.812.4712

THANK YOU FOR PURCHASING THE SHAPE® ISEE+ GIMBAL

- The SHAPE® ISEE+ is a digitally controlled 2-axis gimbal designed to dynamically stabilize a camera's line of sight with a defined horizon.
- The ISEE+ was designed and calibrated for small body cameras and medium to large sized smartphones. The manufacturer does not guarantee acceptable performance when used with other types of camera or digital devices.
- A joystick allows the adjustment of the camera line of sight at +/- 45° of the horizon.
- The angle of the handle relative to the gimbal assembly can be modified with the help of our patented Push-button technology joint.
- The unit is powered by two standard LP-E6 batteries.
- Each ISEE+ unit includes multiple precisely calibrated profiles made by the manufacturer. Any malfunction or loss of calibration will need repair from authorized service personnel.

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READ THIS FIRST!

Please allow yourself at least 45 minutes to learn the operating limits of the device. This will help avoid substandard performances, damage to the unit or possible injury.

WARNING

Always keep equipment out of reach of children under 5.

WARNING

To reduce the risk of electrical fire, keep all liquids away from this equipment. Use and store only in locations which are not exposed to the risk of dripping liquids, and do not place any liquid containers on top of the equipment.

CAUTION

Refer servicing to authorized service personnel. Do not remove screws to open the cover panels unless instructed to do so by an authorized service personnel.

CAUTION

To reduce the risk of material damage, only use with recommended accessories.

CAUTION

The high temperature parts of the device that are in direct contact with the skin may cause or aggravate burn injuries.

READ THIS FIRST!

- Do not to let sand, dust, or dirt to adhere or seep into the unit.
- This unit is not waterproof, so it cannot be used underwater.
- This unit is not splash-proof, do not use in close proximity to raining, flowing or splashing water
- Do not subject the unit to strong shocks or vibration. Doing so may result in damage and/or malfunction.
- Keep the unit away from any volatile substances.
- Do not expose the unit to fire or direct heat sources.
- Do not expose the unit to relative humidity higher than 90%, non-condensing.
- Do not expose the unit to rapid temperature changes.

READ THIS FIRST!

FCC WARNING STATEMENT (USA)

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.

CAUTION:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to 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 to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into 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.

FCC WARNING: To assure continued FCC emission limit compliance, follow the attached installation instructions and the user must use only shielded interface cables when connecting to host computer or peripheral devices. Also, any unauthorized changes or modifications to this equipment could void the user's authority to operate this device and void the warranty offered by the manufacturer.

WHAT'S IN THE BOX



SHAPE® ISEE+ Unit



Battery Charger LP-E6



2 x LP-E6 Batteries

Continued next page....

WHAT'S IN THE BOX (CONTINUED)



SHILL® Smartphone mount



3x 1/4-20 screws



Allen Key 1/4-20



Allen Key 10-32

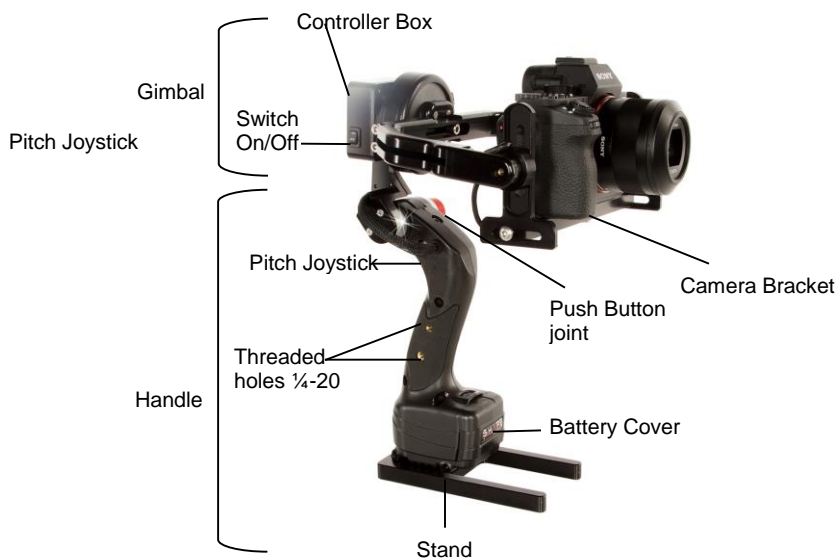


European Adapter



12v car adapter cable

COMPONENTS



COMPONENTS



LED INDICATOR COLOR CODES

Red	Normal Operation
Flashing red (~4Hz)	Low Battery
Rapid flashing red (~8Hz)	Critical
Purple	Pitch errors
Yellow	Roll errors
Orange	Critical error
White	Initialisation

TECHNICAL SPECIFICATIONS

Weight:	2,90 lbs (1,31kg) without batteries 3,25 lbs (1,47kg) with batteries
Dimensions:	Height: 11 1/8" (295mm) Length: 9 1/4" (234mm) Width: 7 1/4" (184mm)
Camera Adjustments	Height: 1 5/16" (36mm) Side: 1 14/16" (50mm) Camera: 5 1/2" (140mm) Front/Back: 1/8" (28mm)
Temperature Range	0°C to 30°C

NOTE:

This unit has been tested with the Sony A7S, Sony NEX-7, Panasonic GH4, Blackmagic Pocket Cinema Camera and Smartphones.

The maximum weight for the ISEE+ to be balance and works properly is 2 lbs (0,9 kg). For more info, please refer to page 18.

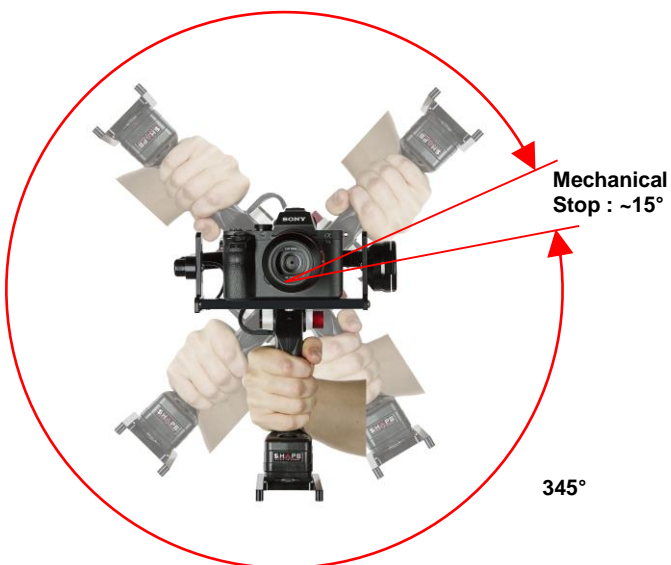
TECHNICAL SPECIFICATIONS

GIMBAL RANGE OF MOTION

Pitch:	+/- 60° (Maximum, do not exceed)
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Roll:	345° (Do not operate near the Mechanical Stop)
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TECHNICAL SPECIFICATIONS



It is possible to adjust the angle of the stopper:



WARNING: DO NOT adjust for more than a complete turn.

BEFORE USING THE GIMBAL

Batteries

1. Make sure both LP-E6 batteries are well charged.
2. Open the battery cover, insert the batteries and close the cover.



Operating the push button

The angle of the handle relative to the gimbal assembly can be modified with the help of our patented Push-button technology joint.

The ISEE+, push button technology joint offers great flexibility by allowing the user to change the angle of the ISEE+ handle quickly and easily.

To manipulate the Push-button, place the right hand on the controller box and the left hand on the handle, and push the button with your left thumb to change the angle of the handle.

Note: Do not operate the Push-button without holding the controller box with your right hand. The gimbal will fall forward and this may damage the device.



INSTALLING A CAMERA ON THE ISEE+



1. Secure the camera and its mount to the Camera bracket with one of the included 1/4-20 screws. Place the center of gravity (CoG) of the camera as close as possible to the Roll axis by sliding the camera left or right on the Camera Bracket.
2. Adjust the camera bracket front and back on each side



3. Adjust the camera bracket up and down on each side:



INSTALLING A CAMERA ON THE ISEE+ (CONTINUED)

4. Adjust the bracket on the roll motor from left to right:



DO NOT remove the screw completely.

5. You might not get the perfect center of gravity on your first try. You have to test to see if the camera and the bracket are correctly adjusted for the center of gravity. To verify that the camera is properly installed, lay the unit on a flat surface and verify that, when moved manually, the camera does not return to its previous position. **The camera should stay balanced and stable when the unit is not open.**
6. Put the power switch to the ON position.
7. You should see a red light appear once the unit is on.
8. Wait a few seconds for the Gimbal to find its horizon.
9. Select the correct profile for your camera (**follow the instruction at [page 18](#)**)
10. The joystick at the back of the unit will allow you to control the stabilized pitch.
11. The ISEE+ is now ready. Keep the device's limits in mind when operating (see page 12 for details on limits)

NOTE:

The accuracy of the camera's CoG adjustments will directly impact the device's performance. Improper adjustments will lead to substandard performance.

INSTALLING A SMARTPHONE ON THE ISEE+



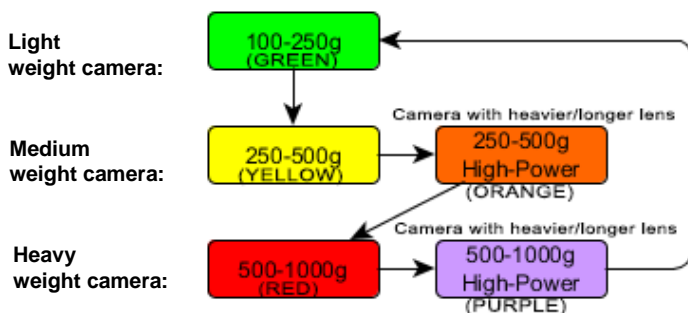
1. Insert the Smartphone in the Smartphone mount by pulling on the top part.
2. Attach the SHILL® Smartphone mount to the camera bracket with the supplied ¼-20 screw and Allen Key.
3. Make sure that the lens of the Smartphone is facing your subject, and that it is placed closest to the pitch motor.
4. Slide the Smartphone in the Smartphone mount. Make sure that the lens is not hidden by the mount.
5. Adjust the Smartphone and the Smartphone mount on the camera bracket until the CoG is aligned with the pitch and roll axes.
6. Follow steps 6 to 11 from **USING THE GIMBAL WITH A CAMERA** (page 16)

NOTE:

The SHILL® Smartphone mount expands to accept devices from 2" (5.1cm) to 3.3" (7.6cm) width.

SELECTING THE CORRECT PROFILE

The ISEE+ has 3 pre-calibrated profiles based on **different weight**.
Each profile has its own LED light color:



HOW TO SET THE CORRECT PROFILE FOR YOUR CAMERA:

At the back of the control box, there's a small button:



SELECTING THE CORRECT PROFILE (CONTINUED)

To open the menu to change the profile, press and hold the button for 3 seconds. Pick the profile designed for your camera weight. To change between profiles, press one time the button and you'll see the LED light changing color.

Once you have selected the profile you need, hold the button for 3 seconds to close the menu. The LED light will change to red. You are now in the operation mode and ready to use your ISEE+.

To make sure you have the right profile for your camera:

To make sure you have the right profiles for an optimized use, you have to operate the ISEE+ at its extremes.

With full charged batteries, try to operate the ISEE+ in the situation you will use it. If the results are not optimal, try the stronger profile.

SUGGESTED HANDLING POSITIONS

Drill position



Briefcase position



Bike Handle position



Warranty

- SHAPE® offers a one-year warranty on all parts and labor excluding wear and tear.
- Before sending any defective or broken units to SHAPE® for repair or replacement, the client **must contact us** to request a return merchandise authorization (RMA) from (rma@shapewlb.com) so that the item can be tracked with an RMA number. Photos of the damaged product as well as a description of the issue are required for approval of the return.
- Fees may be charged to the client if the product has been improperly used or if the pieces are no longer covered by the aforementioned warranty.
- If the warranty is seen to be applicable and the repairs are simple or only require hardware pieces, SHAPE® will provide directly to the client, at no cost, the necessary pieces to repair the product.
- If the return has been accepted (with RMA number), the client must pay the shipping fee to send his defective product to SHAPE® for repair.
- Repaired products will be returned to the client on Mondays via regular shipping (economy). If the client requires a faster shipping service, he will be required to pay the difference of the shipping fee in advance.
- SHAPE® reserves the right to charge additional fees if RMA instructions are not followed.

NOTE: SHAPE® will not be liable for any direct or indirect damage or lost resulting from operation or malfunction of this product. The design and specifications found in this document are subject to change without notice and may differ from the actual product. If the unit's board stops due to a malfunction or error and you continue to operate the unit, the results may differ from the initial specifications.

CONTACT US



Visit our website:

<http://www.shapewlb.com/>

Or contact us through E-mail at:

General Inquiries: contact@shapewlb.com

RMA Requests: rma@shapewlb.com

By phone at:

1.888.968.9810 (Toll Free Canada and US)

1.450.812.4712 (Worldwide)

1.450.812.4713 (Fax Only)

(Monday to Friday 9am-5pm EST)

Or visit us at :

SHAPE wlb Inc.

507-3220 1ere Rue, Saint-Hubert,

QC, Canada

J3Y 8Y5

NOTES

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WWW.SHAPewLB.COM

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