

User Manual

Kit's items included

ONE: 1 vest
1 basic arm with 4 light springs
1 sled with telescopic post, monitor bracket and 1 v-lock plate
1 Cheese plate
1 C-Stand
1 Docking plate
1 7" lcd monitor with AV-power cable
1 1/4" screw
1 3/8" screw
1 Trolley case

TOO: all kit ONE
4 hard springs
1 double pivoting battery pack

FREE: all from kit ONE and TOO
upper e down multiple connections boxes



Preparing the steadycam

Put the sled on the docking plate, positioning the gimbal handle inside the 5/8" pin of the docking plate.

Place the battery (opt.) on the v-lock plate (or Gold mount opt.) of the batterypack.

Preparing the Monitor



Fasten the monitor on its bracket





Regulate your position as you prefer, moving and pivoting the arm bracket, unfastening and fastening the screws with the regulation key



In version Free with monitor rods arm, regulate the right up/down position fastening/unfastening the rear screws with the regulation key



Regulate front/back position fastening/unfastening the 2 lateral screws with the regulation key



To modify the inclination of the lcd monitor fasten/unfasten the 2 lateral screws

Collegare il monitor.



Connect the MINIDIN breakout cable, following the arrows for right connection



connect the xlr 4 poles power cable to the down box



connect video BNC cable to the down box



connect the xlr 4 pole cable of the battery pack to the down connection box

Cheese Plate



Fasten your camcorder with the 1/4" or 3/8" screws included in the kit, or fix the plate to your sony/ panasonic or other special plate. In case of camera not in axis use the lateral holes in order to balance in the center the camera's weight



Fasten the antirotation screw for DV-HDV camcorder using the key.

Attention: antirotation screw must not be under the plate. This could block the camera insert on the side to side

Camera's pre balancing



Put a perfect cilinder (for example a large felt-tip) under the plate in order to find the zero balance point of your camera.

Remember the numeric reference point stamped on the plate



unfasten the 2 lateral locking screws on the side to side and enlarge the positioning in order to receive the cheese plate



Insert your camera on the side to side



Attention: There's a security blocking pin wich avoid the accidental camera exit from the side to side. Pull down the pin during inserting or extracting your camera



on the side to side there's a notch that got to fit with the zero balance point you've signed in the cheese plate. Once fitted this points, fasten the 2 knurled screws using the regulation key. Use a very low force in fastening those screws



Connect all video and power cable to your camera

Attention: Video cable accepts HDSDI signal, but the standard lcd monitor accepts only SD video signal. The power DC cable transmits the exact v-lock batteries voltage wich is approximately about 15v. So you have to verify the right voltage operative range of your camcorder.

Mindfilm snc declines all responsibility in case of wrong connections. Mindfilm suggests to his customers to buy the Multi connection box wich stabilite exactly power DC out at 12v and 7,2. In case of TOO or FREE kit you could buy optional

battery pack with 24v output. You have to try that all power and video connections works properly. You can fit your right video signal balancing, luminosity, contrast, flip, mirror, language, 4.3 or 16:9 aspect ratio

Sled Balancing



Unfasten the upper screws of the rod clamps, for positioning the battery pack in order to have the sled right balanced.



Regulate the side to side for finding a right pre-regulation setting: this is an important operation wich allows to execute rightly next step



Unfasten the screw of the cilindral knurnel handle of the gimbal and move the entire gimbal telescopically on the post. Move the gimbal right to the camcorder or right to the battery pack until the sled falls down with 2,5 seconds time of fall. Once you've regulated the right time of falling, you can center the camcorder on the side to side mouving the knobs millimetrically.

Attention: this kind of centering is not universal, but it's the most used balancing. The types of sled balancing depend on the camcorder used, the way of shooting, types of batteries etc etc... Only official Easysteady courses unveil tips and tricks of the pro steady operator.



Once the sled is balanced, ensure that all the screws and knobs are properly fasten



This is an example of right balanced sled.
The sled doesn't fall down in any directions



Raise up the sled from the 5/8" docking plate pin and put the sled on the other side of the docking plate, Lodging the gimbal on the fork and locking it with the security pin.



Now the sled is ready to work



Arm Regulation



The basic arm has 4 light springs mounted

Preparing the arm working side



Unfasten the internal screws of the mating block with the regulation key



unfast the external paired screws of the mating block with the regulation keys



turn right or left the working side.

Easysteady school suggests, if you're right handed, to keep the arm on the left and hold the gimbal with the right hand. The old steadycam's schools have teached on the opposite way, but technological evolution of the products have developed concrete theory on the new posture. By the way if you have doubt on your right position try the two way and choose your preferred. .

Springs setting



Preload the four springs simmetrically, In case of frequent springs substitutions, it is suggested to keep the 4 preload screws greased and lubricated



Springs substitution

Put the arm on an horizontal clean and dry surface. The upper part of the trolley case is good alternative if you're outside.

Unfasten all the 4 springs preload screws



Straighth arm parallelogram



Now unfasten the 2 antirotation screws in the opposite side of the preload screws. Then extract the spring
Repeat this operation for the other 3 springs.



Insert the spring inside the arm's structure.



Insert the antirotation screws fastining till their end. Do not fasten hardly



insert the long preload screws and keep attention: verify that the insert pin has the flat surface towards the flat surface of the head of the preload screw. Verify that between this 2 flat surface will be a white teflon washer.

Now the arm is ready to work

The Vest



There are 5 size available: XS, S, M, L, XL



Regulate the right or left mating block position. for example: if someone is using the sled with his right hand, he got to keep the mating block on his left side. Regulate the desired height



regulate the right height of the frontal medium breast plat. this plate gives the operator maximum fitting to the posterior tailored part of the vest



It's possible to lengthen or to shorten the vest mother plate along its defined positions . Easysteady suggests to lengthen one position for people more than 190 cm, and the shorten of one position for people under 160cm

Steadycam Movement Precision and sensibility start from a right vest setting



Fasten the upper buckles and entering the vest with the head



Fasten the upper crick pump buckles



Fasten the lower crick pump buckles



the lower belt has a posterior regulation in order to let the crick pump buckles works properly at the right distance and not to the end of their road



Regulate the shoulder belts as you prefer



the lower back belt got to fit on your ankles. Once it's locked, make 2 or 3 legs squats in order to feel not constricted movements



Once you've locked the vest, it doesn't move it is reached the right vest setting



to unfasten the crick pump buckle, pull up

the black double drafts towards back external direction



Now the vest is ready to work

Mounting the steadycam

Take your arm and lock it on the vest mating block



With you back in the right position, regulate the mating block knobs and screws in order the arm fall quietly up to you.



this regulation got to be made fastening and unfastening the opposite external knobs



to regulate the right or left arm positioning on your posture faste or unfasten the opposite internal mating block screws



this is the result obtained from a right arm balancing. You can prove bending your back forward or backward or left side or right side. The complete steadycam control depends on the operators back





Now approach the sled on the docking plate and make a little squat on your legs to simplify the arm pin entering inside the sled handle



unlock the security pin
Load all the weight and lift up all the system



Now you have your steadycam
Once you're carrying on your steadycam you could need to regulate better your system in order to reach the perfect balancing of back/arm/sled

Attention: Think about participating to easysteady official courses. It's a good think spending 2 days of your time to learn what you could learn in 10 years alone. Steadycam has many secrets hidden that if you'll discover them they will let you became good steadycam operators.

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