

The Cine City the complete solutions
Magic Arm + Vest with Flycam 6000

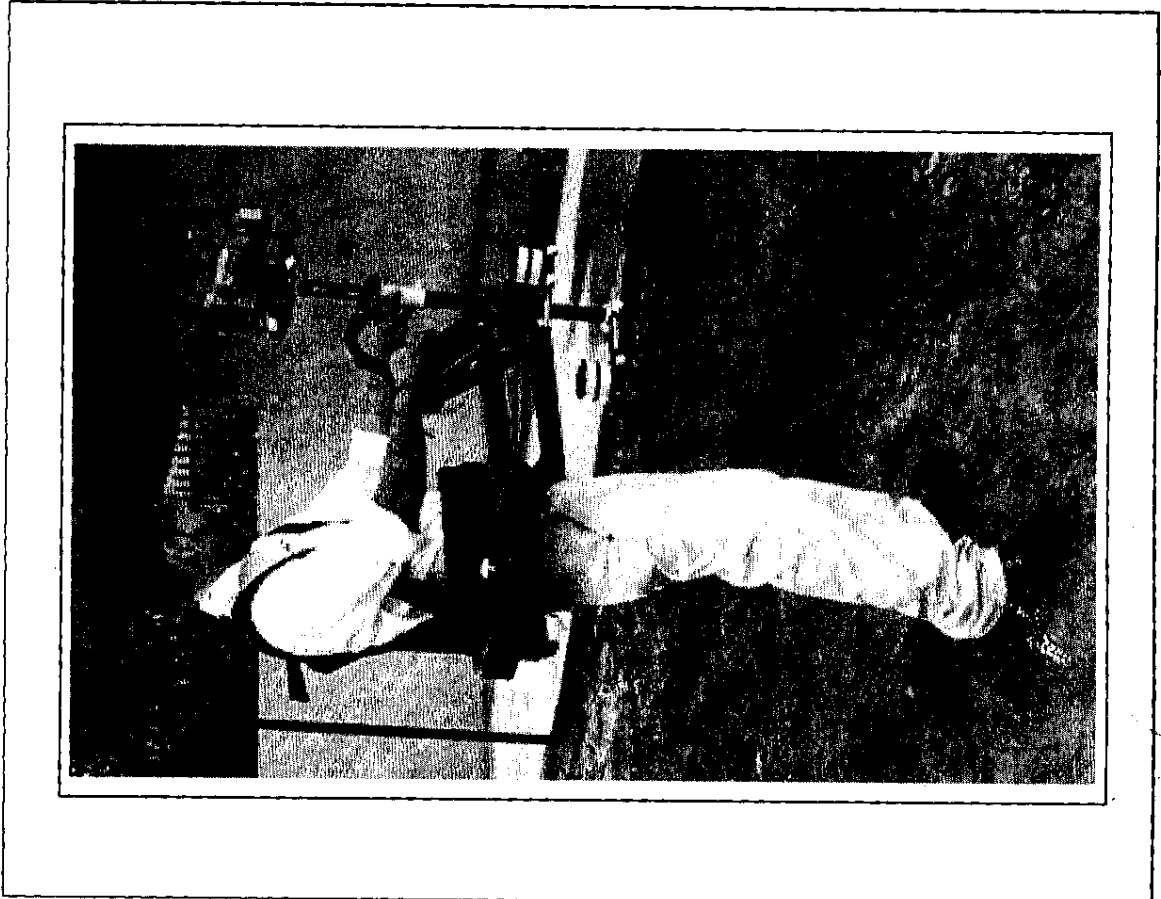


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WELCOME

Congratulations on your purchase of Magic Kit !

We provide low cost, high quality camera accessories and prompt service.

100% customer satisfaction is guaranteed.

This manual describes basic setup procedures. We highly recommend that the user should read this manual thoroughly before setting up and operating the Magic Kit. Doing this will save your time and minimizes the risk of damage to your camera, camcorder or Magic Kit.

It is important to perform and follow the setup instructions in the proper sequence, so as to avoid both frustration and accident.

If you have setup issue or problem while setting up, you can contact us.

We will try to solve all your queries, till required.

INTRODUCTION

The magic arm and vest displaces the weight of the entire camcorder and stabilizer combination over the operator's body. The mechanical system of a vest and articulating arm eliminates the physical stress that's otherwise placed upon the operator's body by manhandling a stabilizer on your own.

This system is designed to allow you to walk, run, go up and down stairs and travel over tugged terrain without any camera instability or shake. When used correctly, this system can move with such fluidity and grace as to be virtually undistinguished from shots made by expensive dollies, cranes and stabilizers.

If you've ever used a stabilizer, it's a great tool to have for walking shots, but even after a short time it becomes very tiring. The fatigue that's induced by carefully holding a stabilizer and camera at arm's length for extended periods will eventually impact your shooting in a negative way, because the more tired you become, the more attention you devote to that feeling of physical stress. This vest and arm system removes that problem, enabling you to simply "wear the camera" and go all day long.

The upper camera platform of the Flycam 6000 moves back and forth, and side to quickly allow the balancing of your camera in relationship to the counterweights. By varying the amount of counterweight disks in the cups on the bracket mounts, the Flycam 6000 can support any camcorder weighing up to twenty pounds.

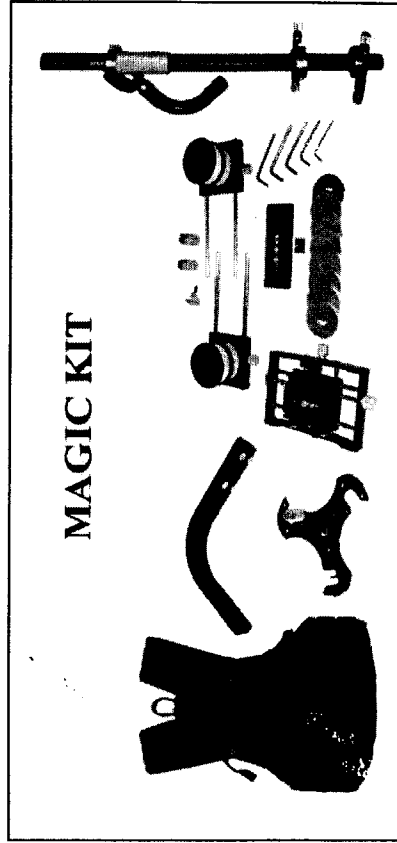
This system requires practice and understanding to achieve professional looking results. We are sure that you will find years of enjoyment with Magic Arm, Vest & Flycam 6000.

STANDARD PACKAGE:

When you unpack your Magic Arm, vest & Flycam 6000, you will receive it unassembled. Take off all the packaging materials and check that you have received all the parts.

Contents of the shipping box :

- Magic Vest
- Magic Arm
- Flycam 6000 Central Post with Gimbal Assembly
- Flycam 6000 Head with Quick Release
- Two Aluminium Bracket Mounts (Weight, Battery & Monitor)
- Magic Arm Connector
- Adapter Plate
- Quick Release Plate
- Hardware Kit
- Four Counter weight cups
- Manual (User's Guide)

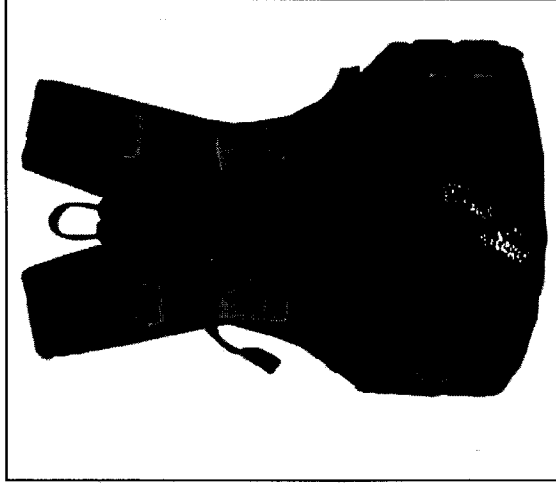


MAGIC VEST

The vest is fully padded and adjustable. This padded supportive vest has three attachment points for its suspension system plus a wide lower 2 inch cushioned "belt" secured by Velcro.

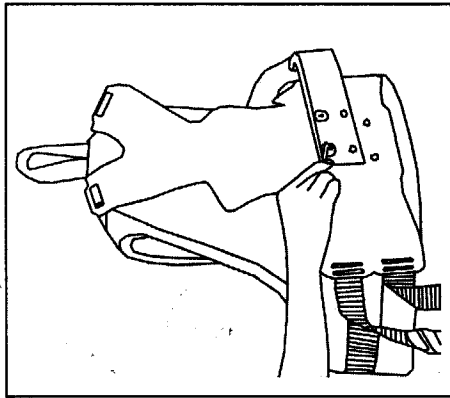
Vest has five buckles, whole body pod and a standard arm connector. Arm connector is made of aluminium to add strength and durability. Once you've tightened all the straps, you shouldn't have to change anything (unless somebody else wears it)... just use the quick-release buckles to slip it on and off.

The articulating arm screwed right on to its socket, so you're not stuck with that thing banging around when you're taking a break between shots.



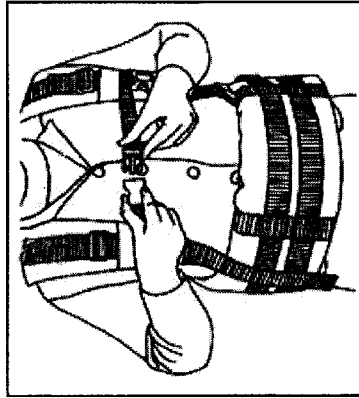
ASSEMBLING OF MAGIC VEST

Firstly attach the Magic Arm Connector with the Magic Vest.

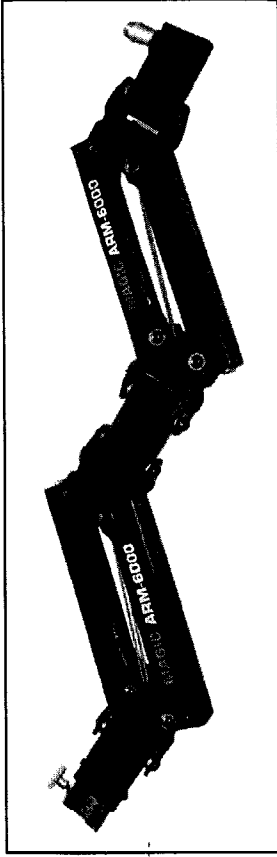


ASSEMBLING OF MAGIC VEST:

Wear the Magic Vest. Lock all the five buckles as required by the operator's body for proper gripping.



MAGIC ARM-6000



The Magic Arm incorporates sophisticated engineering and precision machining to make it lightweight and strong. The arm is made of aluminium and consists of two segments connected together with a pivoting hinge, two joint hinges, 24 stainless steel bearings, high tension springs, a vest connector, and a gimbal connector. Each arm segment is a sort of parallelogram with a spring-shock-absorption-system enclosed inside.

The High tension springs allow the Magic Arm to handle a camera load of 14 to 23 pounds. Magic Arm's combined camera and sled carrying capacity ranges from 20 to 40 pounds. The articulated arm essentially acts as a shock absorber for the camera sled (Flycam 6000).

When the cameraman moves, the base of the arm moves as well. But the spring system in the rest of the arm responds to the weight of the sled. Instead of a sharp jolt, the camera shifts its position smoothly. When the body of the cameraman jerks, camera glides. The Support Arm can be setup and configured on either side so a left-handed, or a right-handed operator can use it smoothly.

ASSEMBLING OF MAGIC ARM

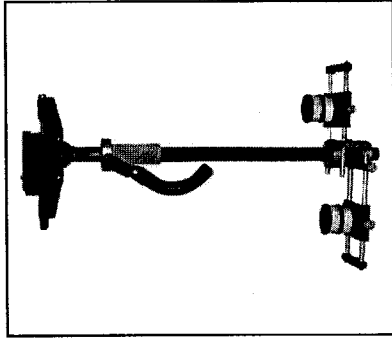
After wearing the Magic Vest, insert the Articulating Arm into the hollow pipe of the Supportive Magic Vest.



Tighten the screw after inserting the Articulating Arm.

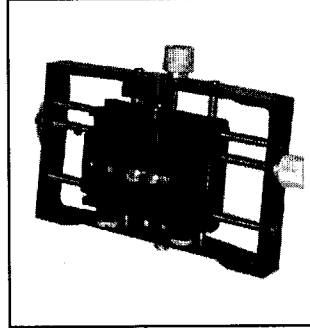


The Flycam 6000 can bear the camera weighing from 14lbs to 23lbs. This camera incorporates sophisticated engineering and precision machining to make it lightweight and strong. The Flycam 6000 is aluminium made and is coated black. When used correctly, this camera sled can move with such fluidity and grace.



FLYCAM 6000 HEAD

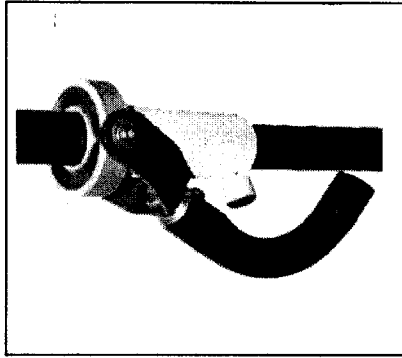
The Flycam 6000's Head Assembly is precision designed and is X-Y adjustable. The Head also incorporates a drop in style camera base plate for quick front to back balance. Very fine tuning knobs designed for maximum comfort and efficiency to control front to back and side to side balance adjustments.



FLYCAM 6000 GIMBAL

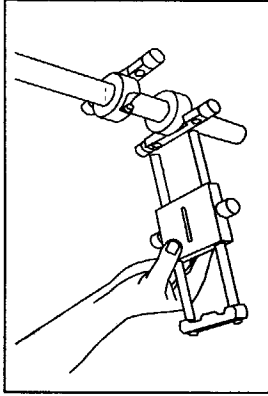
The Flycam 6000's Gimbal is a precision gimbal as it is made up of the top of the line quality. This gimbal has the Nylon sheet inside to give smooth movement. A very tight knurling has been machined onto the Gimbal Tube to improve handling.

The Gimbal incorporates 4 bearings inside the handle to yoke connection. There is one central bearing for the handle's smooth movement (pan axis), two bearings for the tilt axis and one bearing for the roll axis.



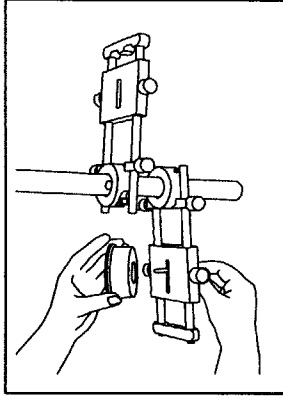
ASSEMBLING OF FLYCAM 6000

STEP-I



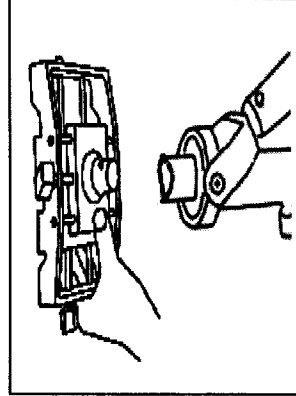
Insert the Aluminium Bracket mount in the slot and tighten the screws to attach it properly as shown.
Note: - Repeat the procedure on the other side also.

STEP-II



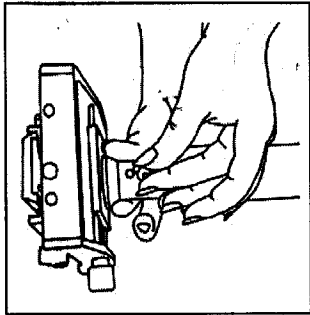
Attach the counter weight cups as shown and add the counter weights into the cups according to the need.
Note: - Repeat the procedure on the other side also.

STEP-III



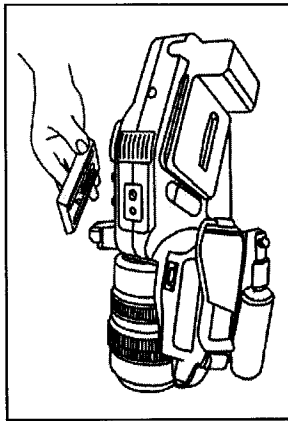
Attach the Flycam 6000 Head to the central post of Flycam 6000

STEP-IV



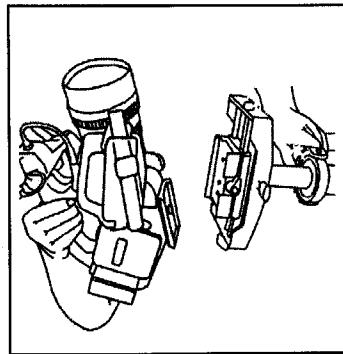
Tighten the screws to securely attach the Flycam 6000 Head.

STEP-V



Securely attach the quick release plate with the camera.

STEP-VI

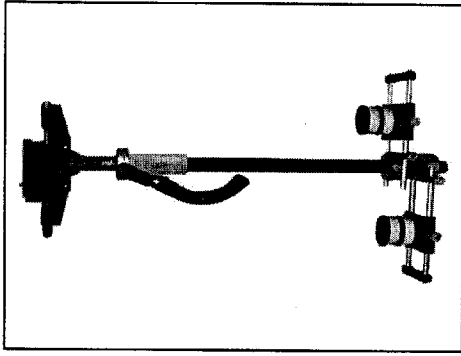


Then, attach the camera with the Flycam 6000.

BALANCING OF FLYCAM 6000

Before beginning the balancing process check the following:

1. Camera is securely attached to head plate
2. Lens cap has been removed and secured
3. Bracket mounts have been tightened properly
4. Weight's are added successfully
5. All the screws are tightened securely



When your Flycam 6000 is setup and assembled properly, you can test and setup the horizontal balance of the system.

The objective in obtaining correct horizontal balance for the stabilizer is to allow the Camera to remain level during operation. In other words, if the stabilizer is horizontally balanced correctly, then the Camera will remain level, and the Central Post will remain vertical unless you intentionally position the stabilizer. Also, if the stabilizer is horizontally balanced correctly, it will always return to a level pan, tilt, or roll pressure on the Central Post.

When testing for correct horizontal balance you need to make sure that you pick up your stabilizer from a flat and level surface (e.g. table) and that you let the stabilizer hang

freely as you hold it. If the stabilizer is balanced correctly on its horizontal axis, then it will be level and upright, with the Central Post in a virtually perfect vertical position.

NOTE: If you do not have enough Weight at the Base at this time, the entire stabilizer will completely flip upside-down. If this happens, add more Weight below until during this test the stabilizer remains side up. You can use your eyes to judge for correct horizontal balance, or you can use a very small and lightweight bubble level (not included) to ensure the stabilizer has correct horizontal balance. Also, another way of fine-tuning the horizontal balance is to move the Counter Weight's back and forth, or side to side at the Base.

BALANCING THE VERTICAL AXIS:

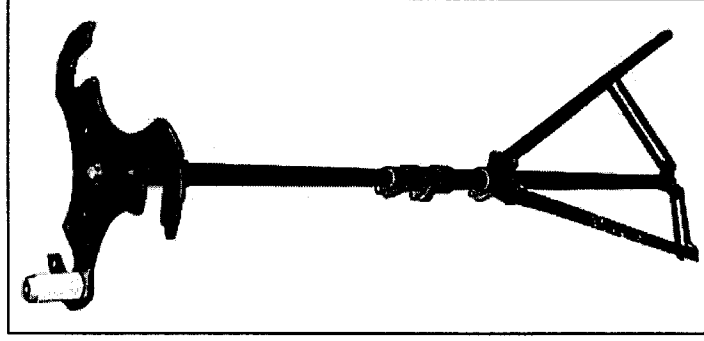
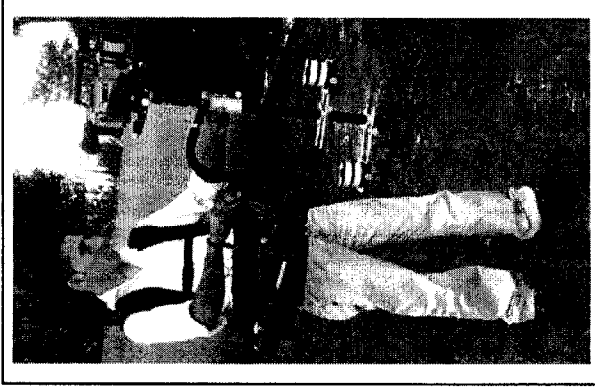
The objective in obtaining correct vertical balance of the stabilizer is to allow the Camera & stabilizer to remain level during operation and most importantly that the stabilizer's Central Post remains vertical even if you are walking, running or turning, while the stabilizer is in operation.

In other words, if the stabilizer is vertically balanced correctly, then the Camera will remain level, and the Central Post will remain vertical unless you intentionally position the stabilizer otherwise. If the stabilizer is not vertically balanced properly, then it will swing about and pendulums when you walk, run, or turn.

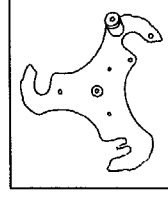
Again, if the vertical balance is set correctly you will be able to move about quickly, as well as start or stop moving suddenly, and still have the central support post remain vertical. To adjust the stabilizer vertical balance you can either add, or subtract Weight's from the Base.

ASSEMBLING FLYCAM 6000 WITH MAGIC ARM & VEST:

Once the good vertical and horizontal balance is achieved, you can mount the Flycam 6000 on the Gimbal connector of the Magic Arm as shown.



This adapter plate is used for hanging the Magic arm, Magic vest and Flycam 6000 once set. So, you are not stuck with it when you are taking a break between shots.



HANDLING OF FLYCAM 6000:



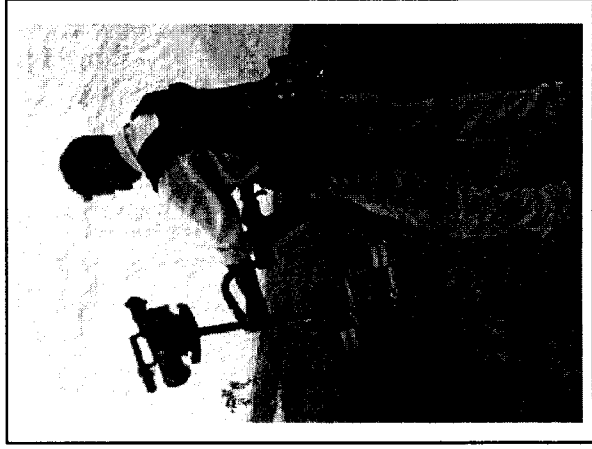
When handling your Flycam 6000 you will use one hand to hold onto the handle and the other hand to gently guide the Camera in the direction you wish to shoot. We call the hand that holds the handle, the "Holding Hand" and the hand that aims the Camera for tilting, panning etc. as the "Guiding Hand."

When holding the Handle of your Flycam 6000 you will need to:

1. Hold it firmly.
2. Hold it either in the middle or at the bottom of the handle.

For normal shooting, hold the handle in the middle. For shots that require aiming the Camera either up or down or sideways, hold the handle firmly at the bottom. This will allow the "yoke" part of the gimbal to twist around without hitting your hand or knuckles.

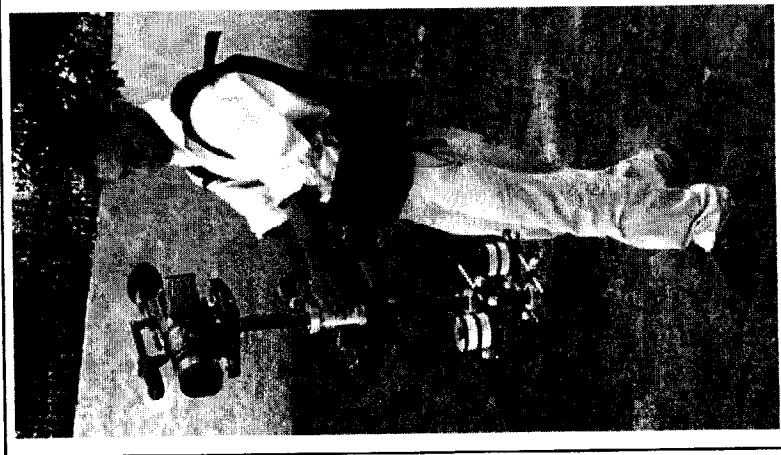
When you handle your Flycam 6000 you will want to use your "Stabilizer Hand" to gently hold onto either, the point just below the yoke and bearing assembly, or an area down by the Base. These two areas allow for easy control of the Flycam 6000 when in use.



ASSEMBLING FLYCAM 6000 WITH MAGIC ARM & VEST:

When operating the Flycam 6000 you will not be able to put your eye right up to the eyecup on the viewfinder, for doing so will cause the unit to be restricted in its ability to stabilize and eliminate camera shake.

You can either use the camera's built in LCD Monitor, or attach an external LCD Monitor directly to the Base Platform of the Flycam 6000. This way you generally have to look slightly down to see the monitor and in doing so your feet are more visible to your peripheral vision.



NOTE: The Flycam 6000 does not work under water, nor is it waterproof, so avoid direct exposure to rain or water spray. Also the bearings are not sand proof; so avoid getting dirt or sand into them.

MAINTENANCE

Bearing Maintenance - The Main Bearing on your Flycam 6000 is attached to the Central Post about two inches down from the top. It is metal and is partially enclosed by the Bearing Assembly. The Magic Arm also contains the bearings. If after some period of time your bearings doesn't turn smoothly, you can oil it lightly with light lubricating oil. We recommend that you use very little oil. Very little, because this is all that is needed, plus anything more than a little will end up coming out of the bearing and onto the rest of your Magic Arm & Flycam 6000. Light lubricating oil can also be used if needed on the Yoke and Handle Bearings. Be sure to keep the oil away from your Camera, and clean up any over spill when done.

Cleaning - Do not use solvents or harsh cleaners of any kind on your Magic Arm, Magic Vest & Flycam 6000. If the unit becomes dirty, use only a cloth or sponge with water and a very mild detergent to gently rub the unit clean.

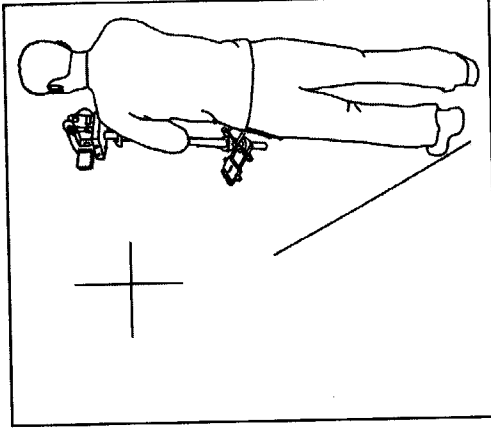
Storage - If you are going to store your Magic Kit for a long period of time then please store the unit upright in a dry or low to normal humidity area whenever possible. If you are unable to find an environment like this, then we suggest you store the unit in an airtight plastic container or bag. Storing the unit upright helps to alleviate stress on the system.

SHOOTING TIPS:

Walking the Line:

This is a kind of training or exercise that is designed to help you operate your Flycam 6000 more accurately. Using the masking tape, or gaffer's tape, create a cross mark on a flat and even wall. This cross mark will be used for framing purposes.

Now on the floor leading up to the cross mark, tape a straight line, about 10-20 feet long. The idea behind this exercise is to walk the line that you have taped on the floor, while keeping the cross mark centered in the LCD monitor. Practicing this exercise will teach you how to frame a shoot with precision.



WARNINGS

Make sure that you are very careful when using the Magic Kit at night or in low light conditions. Do not make the mistake of focusing too much on what you are shooting that you fall over something, or wander into something dangerous like a swimming pool etc. and be extra careful when shooting on stairs or uneven terrains etc. These cautions pertain to daytime shooting as well.

Make sure that all children using this product have adult supervision. If you plan on shooting while moving fast or while moving on uneven terrain, then be sure to wear knee and elbow pads.

CINECITY WARRANTY STATEMENT:

CINECITY warrants that its products, when installed in accordance with its instruction manual, will perform in accordance with the CINECITY specifications current as of the date of receipt by the customer, and will be free from defects in material and workmanship for a period of 60 days.

Warranty terms:

- CINECITY will replace the defective part of the product free of charge for the warranty period, in case of a defect in the unit or workmanship. The guarantee period is of 60 days from the date of the receipt by the customer. Buyer have to pay shipping & Handling if requested.
- Specifically excluded from this Warranty is any physical damage caused by abuse, accident, or improper operation, and any lack of performance attributable to such abuse, accident, or improper operation, as determined by CINECITY.
- CINECITY shall not be liable for any incidental or consequential damages, including loss of production time or money, regardless whether the accessory functioned properly or improperly for any reason, including those for which CINECITY bears liability under this Warranty.
- The 60 days warranty period shall be the 60 day period beginning with the date of the receipt by the customer, except that in no instance shall the warranty period extend beyond six month from the date of shipment as established with the Item number or sale invoice number.

Procedure to claim Warranty:

- All claims under this Warranty shall be immediately submitted to CINECITY in writing and are subject to confirmation by CINECITY.
- CINECITY, upon receipt and subsequent confirmation of a Warranty defect, at its sole option, shall resend the product or its component to the Buyer within thirty (30) days from date of its receipt. On other equipment such as a video camera and/or other peripheral equipment, its original manufacturer warrants such equipment separately, and warranty claims should be addressed to

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Magic Arm + Vest with Flycam 6000

that respective manufacturer.

KINDLY DO NOT SEND OR RETURN THE UNIT WITHOUT INTIMATING US.

This Warranty is made in lieu of all other warranties whatsoever, express, implied and statutory, including, without limitation, the implied warranties of merchantability and fitness. The acceptance of any order with CINECITY is expressly made subject to the Buyer's agreement to this Warranty.

Payment terms

We gladly accept any form of payment that PayPal accepts, including credit cards and electronic checks.

Pre-payment: We welcome payment in advance by Paypal, Bank wire transfer, 2CO or Western union.

Please note that all checks must clear your bank account prior to shipping. Please ask us for instructions regarding bank wire transfers.

COD:

We do not accept COD orders. As a build-to-order system, you understand and agree you are charged in full and up front for the product(s) ordered. Once the system is assembled for you it will be shipped based on our current estimated lead times.

RETURN:

KINDLY DO NOT SEND OR RETURN THE UNIT WITHOUT INTIMATING US.

We pledge to resolve your problem by replacing the defective part of the product free of charge for the guarantee period, in case of a defect in the unit or workmanship.

Please note that the following items are not returnable or refundable for any reason:

- Shipping and handling charges, clothing, accessories.

