

**VariZoom**

# USER MANUAL

AutoRig

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The VariZoom Autorig is a specially modified tripod apparatus designed to mount onto vehicles. All required accessories fit neatly into the provided case making setup and breakdown very simple and fast. Please read and follow the instructions listed below for best results. Thanks for choosing VariZoom!

## Contents



Adjustment Straps



Buckles



Adjustable Camera Mounting Arm



Suction Cups



Swivel Camera Mounting Head



# Setup & Operation

## CAUTION

- *Always wash the car before use to provide a clean and smooth surface for the suction cups, the Vacuum cups will not work on car body dents or scratched paint,*
- *Do Not use the AutoRig with the suction cups only!! Always attach and tighten the safety straps before use, Do Not mount the camera on the AutoRig until all safety straps are safely and firmly attached and tightened.*
- *Use extreme Caution when driving with the car mount. Especially with a side mount that sticks out from the car.*
- *Use a rig mounted car only according to the traffic rules in your country or area.*

In the front hood position you can use any camera. From a small DV camcorder to a full size ENG camera.

1. Attach the suction cups to the tripod legs.
2. Spread the tripod legs all the way to full spread position.
3. Locate the most rigid areas on the car-hood and mount the vacuum cups on them.  
Avoid using soft or flexible areas. Put the tripod on the hood and press it gently to activate the suction cups.
4. Position the tripod with two legs pointing to the rear view mirrors and the third leg pointing straight in front towards the bumper.
5. Adjust the spread of the back leg to compensate for the hoods slope and level the tripod.
6. Insert the safety straps into the buckles, first secure the top safety strap by securing the flat hook to the edge of the car hood. Place the hooks so opposite straps will apply counter force against each other. Make sure the hooks will not slide when driving, find parallel opposite hood edges or concave or straight edges, avoid using arched edges. Pull and tighten the straps with reasonable force, be careful not to bend the car's body!
7. The tripod is now safe and you can mount the camera on it.
8. Use the leveling knobs to fine-tune your side tilt and to bring the camera to a level related to the car's body outlines.

**For side mounting follow the steps listed above with one special provision:**

***\*4. Position the tripod legs with two pointing UP and one pointing DOWN, double-check your steps before each take.***

## Adjustable Camera Mounting Arm

***\*The camera arm for the VariZoom AutoRig is not recommended for cameras over 10 lbs. Use caution whenever the arm is mounted on the rig.***

1. Attach the camera mounting arm to the center column using the 3/8 screw and tighten the locking ring.
2. Loosen knob on the main column lock and swing the arm to the desired position. Keep the arm length, (distance between the load (Camera) and the center column) as short as possible.
3. Attach the swivel head or any other 3/8 camera or quick release assembly to the carriage or to one of the arm's ends.
4. Make sure everything is locked before a shoot.

***This product is covered by a 1 year manufacturers warranty.***