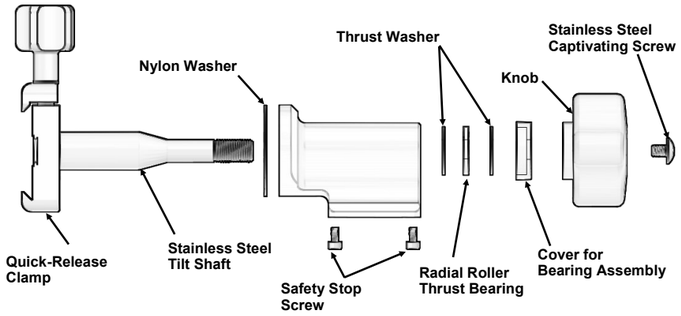
# MAINTENANCE & TROUBLESHOOTING:

**The MonoGimbal has been designed and constructed to handle many maintenance free years in the field.**
There should be no need for any routine maintenance.

**If your head has been exposed to a large amount of salt water, sand or grit** it can be easily disassembled and rinsed. If you need to disassemble the tilt mechanism refer to the drawing to the right




### IF YOU HAVE A PROBLEM WITH YOUR MONOGIMBAL HEAD:

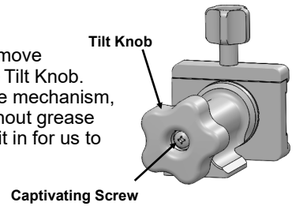
Few things are likely to go wrong with the Wimberley MonoGimbal Head However, if the head is in need of repair, we ask that you return the head to us for inspection and service. (International customers should contact the dealer who sold you the MonoGimbal Head).

If you need a head for a trip or shoot while yours is being repaired, let us know and we can send you one on loan. If the head is faulty, we will fix it free of cost. If the problem arises from extreme use, abuse or accident, we will repair the head for a reasonable fee.

### EMERGENCY REPAIRS:

We discourage you from disassembling this unit without direct instruction from us. Any damage to the head resulting from disassembly will not be covered by warranty. In special cases it may not be feasible to send the unit in for repair and you may wish to attempt to fix a problem yourself. If you choose this route however you do so at your own risk. Field repairs should be followed up with a proper repair from us as soon as possible.

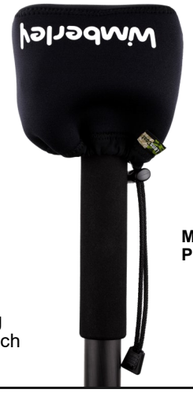
**Tilt Mechanism:**
To disassemble the tilt mechanism, remove the captivating screw and unscrew the Tilt Knob. If you need to remove the grease in the mechanism, it is okay to use the tilt mechanism without grease until you have the opportunity to send it in for us to refurbish.




## USEFUL ACCESSORIES:

**Flash Bracket - F-6:**
We offer a convenient telephoto flash bracket that attaches directly to the lens plate and makes telephoto flash a breeze. The bracket uses a quick-release attachment, so it is very fast and easy to install. It also breaks-down and folds for easy storage. Refer to our product catalog or website for details

F-6 Flash Bracket




MonoGimbal Pouch

**Wimberley MonoGimbal Pouch - PO-130:**
The Wimberley MonoGimbal Pouch fits this head. Custom manufactured by LensCoat, the soft neoprene protects the head from scratches during traveling and in the field. A pull cord closure allows for quick and easy access. The Pouch flattens for easy storage.

**Thank You! Your observations and suggestions are welcome. We will continue to refine the MonoGimbal and instructions in response to customer feedback.**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Made in USA

**10 Year Warranty – See www.tripodhead.com/warranty.cfm for complete details**

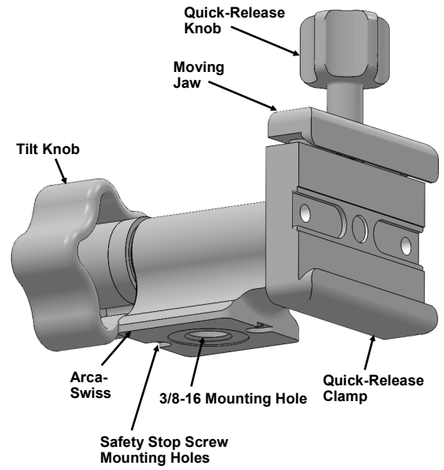



*Revised 190930*


# INSTRUCTIONS: Wimberley MonoGimbal Head (MH-100)

## It is important to read these instructions.

Setting up the MonoGimbal Head is not difficult, but reading these instructions will allow you to get the most out of the product.

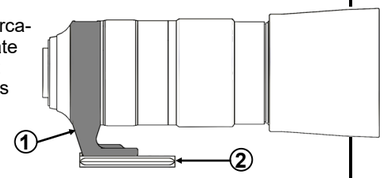



**Weight:** .77 lbs (347 grams)
**Dimensions:** 3.4”h x 2.5”w x 4.4”d

## Lens Prerequisites

① Your lens must have a rotation collar if you wish to quickly switch between landscape and portrait modes

② Your lens must have an Arca-Swiss style quick-release plate or a Lens Replacement Foot with an integrated Arca-Swiss style dovetail.




## Monopod Prerequisites

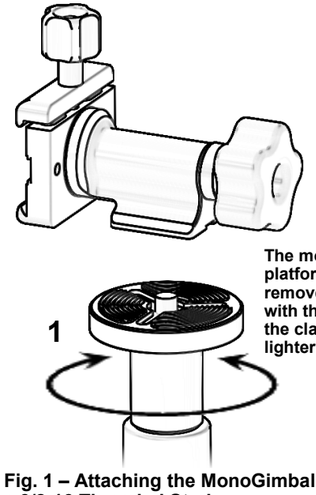
① Your monopod should be heavy duty. We recommend using a monopod with a 3/8 stud that is rated at 3 times the weight of your setup. A reducer bushing can be used in the head for a 1/4” monopod stud, however it is doubtful such a tripod will be sufficient to guarantee your gears stiffness and stability

② An Arca-Swiss Quick Release clamp if you plan on mounting using the arca-swiss dovetails on the MonoGimbal head.

## SETTING UP THE MONOGIMBAL HEAD

### MOUNTING THE HEAD ON A MONOPOD
### On a 3/8-16 Threaded Stud:

**Step 1: Attach the head to the monopod** See *Fig. 1. Rotate the monopod counter-clockwise to attach the head on the 3/8 threaded stud on the monopod. Do not install the safety stop screws if you intend to use the head without a QR clamp.*




**The monopod mounting platform can typically be removed if it interferes with the full rotation of the clamp or knobs or if a lighter setup is desired.**

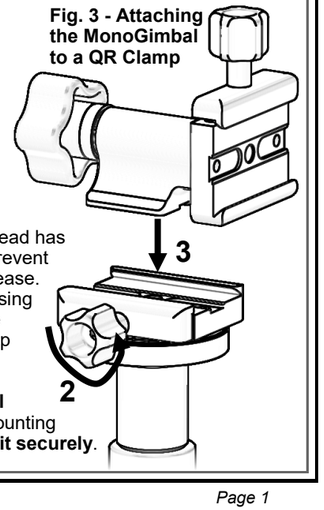
**Fig. 1 – Attaching the MonoGimbal to a 3/8-16 Threaded Stud**

### MOUNTING THE HEAD ON A MONOPOD
### WITH A QR CLAMP:

**Step 1: Install the safety stop screw** See *Fig. 2.* (Also see clamp compatibility warnings in included safety stop screw kit)

**Fig. 2 – Safety Stop Screw Installation**

**Fig. 3 - Attaching the MonoGimbal to a QR Clamp**




**Step 2: Open the QR clamp.** The head has optional safety stop screws. These prevent accidental sliding out of the quick release. If you use these stops you must be using a QR clamp that can be opened wide enough to load your head from the top (instead of sliding it in). See *Fig 3*

**Step 3: Attaching the MonoGimbal**
Position the flat side of the head’s mounting base against the clamp face. **Clamp it securely**.

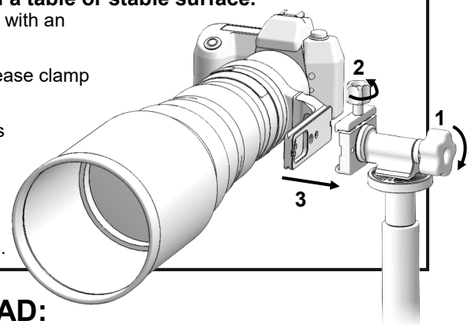
## ATTACHING YOUR LENS TO THE MONOPOD HEAD: *See our website for a tutorial video.*

**It is often easier to attach and Balance your setup while the lens is on a table or stable surface.**
Prerequisite: In order to attach your lens to the MonoGimbal Head, it must be fitted with an Arca-Swiss style quick-release plate or foot.

**Step 1:** **Tighten the tilt knob of the head** - make sure that the head's Quick-release clamp is level so that the head is stable while you are loading your lens.

**Step 2:** **Open the jaws of the quick-release clamp** wide enough so that the jaws clear the entire width of the QR plate attached to the foot of your lens.

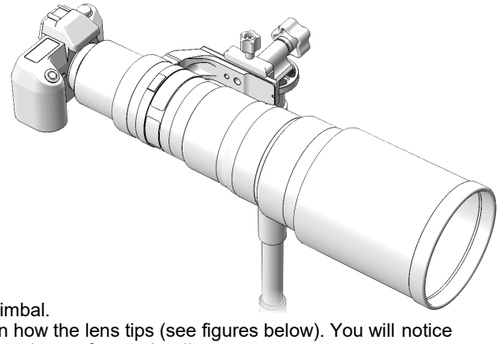
**Step 3:** While supporting your lens, **insert the quick-release plate or replacement foot on your lens into the jaws of the clamp and tighten the clamp securely**. Make sure the quick-release plate is seated properly and captive in the clamp jaws before letting go of the lens.




## BALANCING YOUR LENS ON THE MONOPOD HEAD:

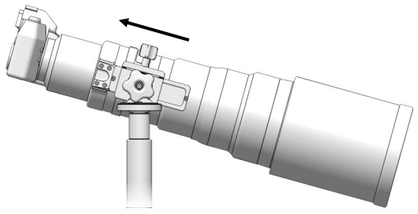
### STEP 1: Preparing to Balance:

Tighten the Monopod Head's tilt knob. Mount your lens (with camera body attached). Stand behind the lens/camera setup and grab the camera body as if you are going to take a picture.

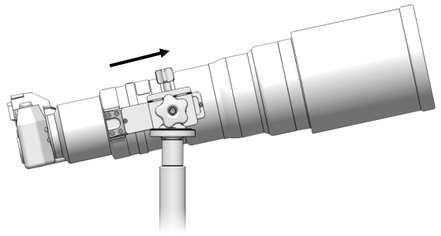


### STEP 2: Balance the Horizontal Position of the Lens:

Hold camera body with a relaxed grip and loosen the tilt knob of the MonoGimbal.
Adjust the horizontal position of the lens forward or backwards depending on how the lens tips (see figures below). You will notice that the lens will want to tilt forward or backward. Don't forget to re-tighten the clamp after each adjustment.



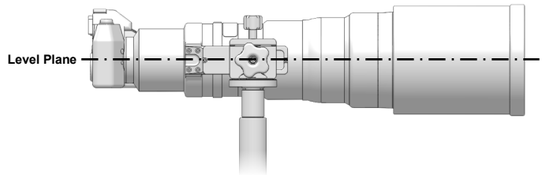
If the front of the lens tilts downward you will need to slide the lens backward (toward you) in the clamp.



If the front of the lens tilts upward, you will need to slide the lens forward (away from you.)

### PROPER HORIZONTAL BALANCE:

Adjust the position of the lens in small increments until there is no tendency for it to tip.




The MonoGimbal is now ready to use. Simply loosen the tilt knob about a quarter turn and start shooting. The lens should be very easy to point, should stay pointed and should not tend to flop or creep. You can shoot with the knob loose for fluid motion, or lock-in on a target by tightening the knob.

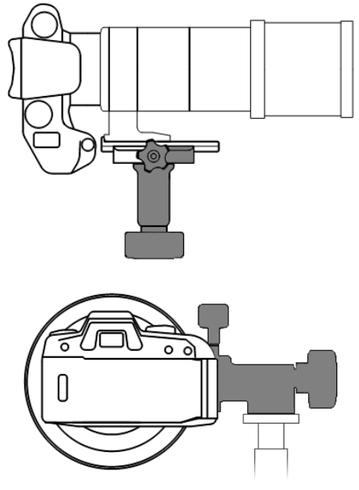
**If you have questions or need help setting it up, please contact us.**



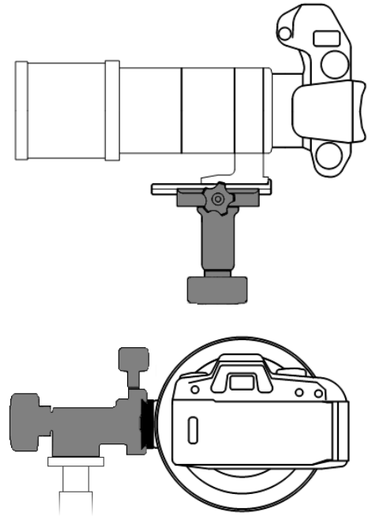
## USING SMALL LENSES (OR FOR VERTICAL SHOOTING)

Smaller lenses (e.g. the 300 f/4, 70-200 2.8) are shorter and lighter compared to most pro camera bodies. In order to balance a small lens, the quick release clamp may have to be so close to the camera body that there is not enough room for your fingers.

Some solutions to this problem are using a lighter camera body or mounting the MonoGimbal to the left side of the lens (which allows much more room because of the shape of most cameras)



**Monopod Head on Right**



**Monopod Head on Left**

## USING LARGE LENSES

The MonoGimbal will carry the weight of a really big lens, but there are some special considerations needed for safe and problem-free operation. Typically, the bigger the lens, the greater the distance is from the central axis of the lens to the bottom of the tripod mounting foot. The higher the lens profile, the more the lens extends beyond the center of the monopod. While this is not particularly an issue due to the nature of the head, it is always beneficial for the center of gravity to be as close to the center of the monopod for overall comfort when mounting the lens and using the monopod.

If you have a large lens that needs help balancing, we are here to help. We have an extensive list of lenses and recommended setups on our lens compatibility list. This may be found in our catalog or on our website.
***www.tripodhead.com/products/lens-plates-main.cfm***

In order to use one of these larger lenses, we will often recommend a replacement foot which lowers the profile of the lens.

**Tripod Mounting foot**

**Low-Profile Replacement Foot**