

Tips and Tricks

- ⇒ **Travelling**— Use the LOCKOUT switch for freezing the position of the tilt if you are going to carry your tripod and camera+lens to a new shooting location without *without* dismantling the equipment. Tighten both the TOP and BOTTOM knobs as well. NOTE: The switch ONLY locks in the horizontal position.
- ⇒ **Changing lenses**—Use the LOCKOUT when changing lenses, adding teleconverters, adding flash, etc. as you will dramatically upset the balance point of the gimbal system. This will help prevent equipment crashes.
- ⇒ **Maintenance**—The BWG-Pro does not require user maintenance. No grease or oils are used on this product except as factory installed in the bearings. If you really feel the need to give the unit a clean/lube/adjust than you can either return to Jobu Design, or follow the steps below:
 1. The 2 large clamping knobs are removable—these can be greased periodically (once per year) with a synthetic grease (such as bicycle grease) to help resist any galvanic corrosion (a condition arising from dissimilar metal contact).
 2. Do not use thin 3-in-1 oil, chain oils, sewing machine oils (or similar) anywhere as it may wash out the factory installed grease. Only use synthetic grease.
 3. If dirty wipe with a clean, damp cloth and let air dry.
 4. Check threads periodically for sand or dirt. Brush out or blow out with a bulb-puffer.
- ⇒ Test your BWG-Pro with your camera equipment indoors. Do not wait until you are out on a 10-mile hike, uphill, in the snow before you realize you have missed something!

That's It! Go out and shoot!

***Disclaimer:** Jobu Design cannot be held responsible for any damage or losses to equipment incurred due to improper usage or abuse of equipment. Consult your manuals, do not abuse your equipment and only use it for its intended purpose. Check knobs and screws for tightness before packing for your travels.

Questions? Comments? Concerns?

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BWG-Pro Gimbal Head

Operating Instructions



Special Features

- ⇒ **Cast Arm**—One-piece, heat-treated cast arm for incredible stiffness. Huge cross sectional area increases torsional strength (resistance to twisting) compared to any other gimbal head on the market.
- ⇒ **Ball Bearings**—Ball bearings are incorporated into the tilt mechanism to allow super-fluid movement. Achieve completely natural movement no matter how heavy your lens.
- ⇒ **Ergonomic Knobs**—Indestructible, rubberized main knobs that work exceptionally well in dry or wet conditions. They are non-slip with gloves on, while offering comfort to bare hands as well.
- ⇒ **Lockout Switch**—Low profile lockout switch to lock head while setting up lenses or to prevent swinging of your lens while hiking or travelling any distance.
- ⇒ **Maintenance Free Design**—The BWG Pro requires no maintenance for the life of the product.



Requirements—A telephoto lens, with rotating tripod collar, fitted with an "Arca-Swiss™" style dovetailed lensplate (like our Jobu Design NX series Lensplates).

Installation and Usage Cont'd

1. Holding the BWG-Pro vertically, screw the BWG base onto the 3/8" threads of your heavy duty tripod. Tighten the setscrews on the tripod (or other clamping mechanism) if they are available. Failure to tighten any tripod supplied locking mechanism may cause the BWG and camera to unscrew from your tripod during usage. This is the nature of tripods in general—it is not a design flaw. **Check periodically for tightness.**
2. Engage the horizontal lockout switch (UP position) to prevent any accidents before installing a lens on the BWG-Pro
3. Firmly attach the appropriate lensplate to your telephoto lens according to manufacturers' directions*.
 - Open up the thumbscrew on the BWG-Pro lensplate clamp a few turns and either—slide the lens into the clamp, or
 - If you have safety screws installed on your lensplate—open up the clamp wide enough to install sideways. Lightly tighten the thumbscrew.
4. Slide the lens and camera back and forth in the clamp to find the center of gravity. Tighten the thumbscrew firmly by hand. Release the lockout switch (DOWN position). Apply a small amount of friction with the top rubber knob. If properly balanced, you should be able to position the lens in any orientation without it tilting back or forth. The ball bearings in the tilt mechanism will make perfect balance quite difficult to achieve without the addition of a tiny bit of friction from the top knob. Turn the top knob until very light pressure is felt; and begin balancing from this point. If you still cannot balance the lens, then you likely have a lensplate that is too short and will have to buy an extended length plate, or the foot on your lens is too tall. **Perfect balance is not necessary in most cases.**
5. Use the horizontal and vertical control knobs, as well as the rotating lens collar on your camera, to adjust the position of your camera for optimum shooting. Leave the control knobs loose for panning and tilting, or clamp to slow down movement, or hold a position. **Note:** *The rubberized knobs act like a throttle control. By turning the knobs you can adjust the amount of friction in your gimbal, adjusting it to your shooting style.*
6. Vertical balance adjustment—**ONLY** adjust vertical balance **WITHOUT** your lens installed. This is especially important for heavy lenses. Remove your lens, open the vertical adjustment knob, adjust the vertical balance slightly up or down, and clamp down again. **THEN** reinstall your lens and test for balance. Personal preference will tell you if you want it perfectly centered, or below the center of gravity. For most lenses (500mm and up) the lowest position is the best.