

USING YOUR NEW BALLHEAD

- 1) Insert your camera, with a quick release plate attached, into the clamp and securely tighten the quick release knob. Carefully check that there is no interference or binding on any part of the tripod, ballhead or any camera accessory being used. Make sure you can operate all camera, tripod and ballhead controls without interference and without pinching your hands or fingers. If any interference or binding occurs, contact us before continuing.
- 2) When using any tripod, ballhead or quick release system always "test your setup" by grasping the camera and trying to move it left, right, up, down, etc. to make sure everything is tight and secure before removing your hands from the camera. This should be done every time you put any camera on any tripod.
- 3) Never carry your camera while attached to the ballhead.
- 4) The GV2 and GP ballheads can be used as a gimbal head with lenses up to a 400 F4.0 and as ballhead with lenses up to a 600 F4.0.

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- 5) Caution should be used when using the Gimbal position to avoid collisions between the camera / lens and your tripod. Be sure to verify that the tripod set-up is balanced and will not fall over due to the weight distribution.
- 6) Keep your new ballhead clean and free from debris. Clean by using a damp cloth. When storing your ballhead for long periods of time, the knobs should not be firmly tightened. Do not oil or use WD40 on the ball.
- 7) Your new ballhead is equipped with special knobs that cannot vibrate loose or fall off. Do not try to remove the knobs or loosen past the point where resistance is felt.
- 8) The GP ballhead can be used as a leveling head for stitched panoramic images. To do this, remove the quick release clamp from the top of the ball using the provided Allen wrench, now reinstall the quick release clamp on the bottom of the ballhead, firmly hand tight and install the GP ballhead upside down onto your tripod.

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ACRATECH INC. QUALITY PRECISION PRODUCTS

- 8) *Cont. from pg. 5.*

The level in the quick release clamp can now be used to accurately level your camera for stitched Panoramic images.

Thank you for choosing an Acratech product. If your ballhead or any other Acratech product needs service or repair, please send it directly to Acratech. Do not return it to your dealer. If you have any questions or comments please call or e-mail us.

ACRATECH INC.

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WARRANTY

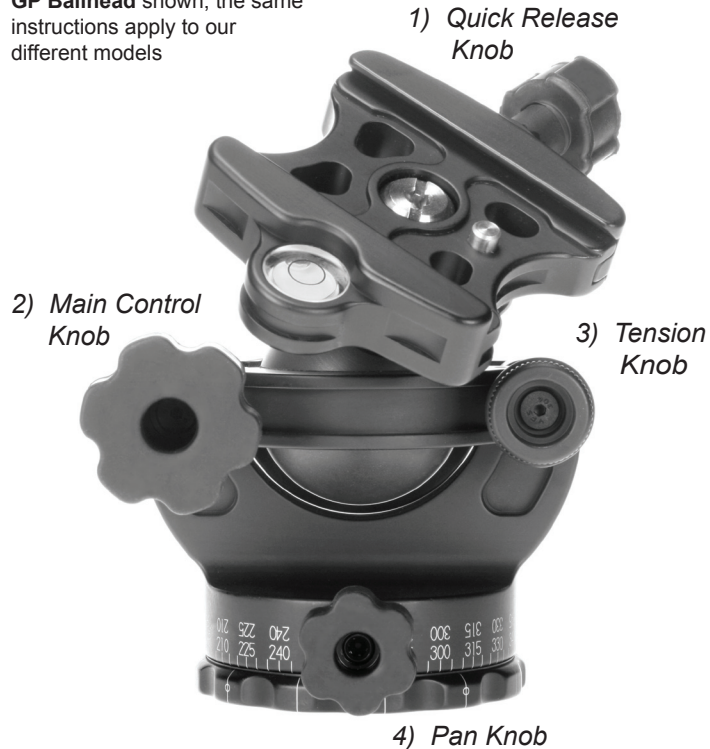
All Acratech Products are fully guaranteed for 10 years to the original purchaser. This covers all manufacturing and material defects.

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ACRATECH INC.

QUALITY PRECISION PRODUCTS

GP Ballhead shown, the same instructions apply to our different models



Caution: Read all instructions before installing your new Acratech ballhead.

Thank you for choosing an Acratech product.

CONTROL KNOBS

Knob 1 The Quick release knob tightens your cameras quick release plate into the quick release clamp

Knob 2 The main control knob tightens or loosens the ball to adjust your cameras position. On the Ultimate Ballhead this knob is often used partially loose, but tight enough to maintain friction or drag on the ball.

Knob 3 On the GP and GV2 models this knob adjusts the amount of tension or drag on the ball. To adjust the the tension knob (3) first loosen the main knob (2) all of the way, then adjust the tension knob (3) to obtain the desired amount of friction or drag on the ball. On the Ultimate Ballhead this knob is preset at the factory for optimum performance.

Knob 4 The Pan Knob controls the rotation on the panoramic base.

Please note that all the knobs on Acratech products tighten in the clockwise direction, just like opening and closing a container; clockwise tightens, counterclockwise loosens.

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INSTALLING YOUR NEW BALLHEAD

- 1) Before installing, measure the length of the threaded stud on the top of your tripod. It should stick up at least 1/4" (6mm) and be no longer than 3/8" (9.5mm). If the stud is too long, it must be shortened. If the diameter of the threaded stud is smaller than the threaded hole in the bottom of your ballhead, use the brass reducer bushing provided. To do this use a small coin to hand tighten the brass reducer bushing in the bottom of your ballhead.
- 2) Being careful not to cross thread, slowly tighten your ballhead onto your tripod stud "firmly hand tight." Make sure the ballhead is installed tight enough so it will not loosen during use.
- 3) After installing your new ballhead always make sure that it is not interfering or binding on any part of your tripod. If this does occur, contact us before continuing.

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