

Please read these instructions to fully understand the functions and capabilities of your new G1 Gimbal head.



Included in package:

G1 Gimbal head

1 packet of spare screws containing

2- $\frac{1}{4}$ -20 x $\frac{3}{4}$ Flat head patch screws

1- $\frac{3}{8}$ -16 x $\frac{3}{4}$ Low head cap screw

10 YEAR GUARANTEE

This product is guaranteed to the **original purchaser** to be free of defects in materials or workmanship for ten years from the date of purchase. Products will be repaired or replaced at our option.

If not purchased directly from Kirk Enterprise Solutions, please keep your original receipt for warranty repair as proof of purchase of original ownership will be required.

Please note

All knobs are captive, meaning they cannot come off without damaging them. **Do not attempt to remove the knobs.** This will damage the head and void the warranty.

Also the G1 head is lubricated at the factory and parts that require lubrication are sealed. **NO LUBRICATION IS REQUIRED BY THE USER.** Just keep the G1 components free from contamination to maintain smooth action.

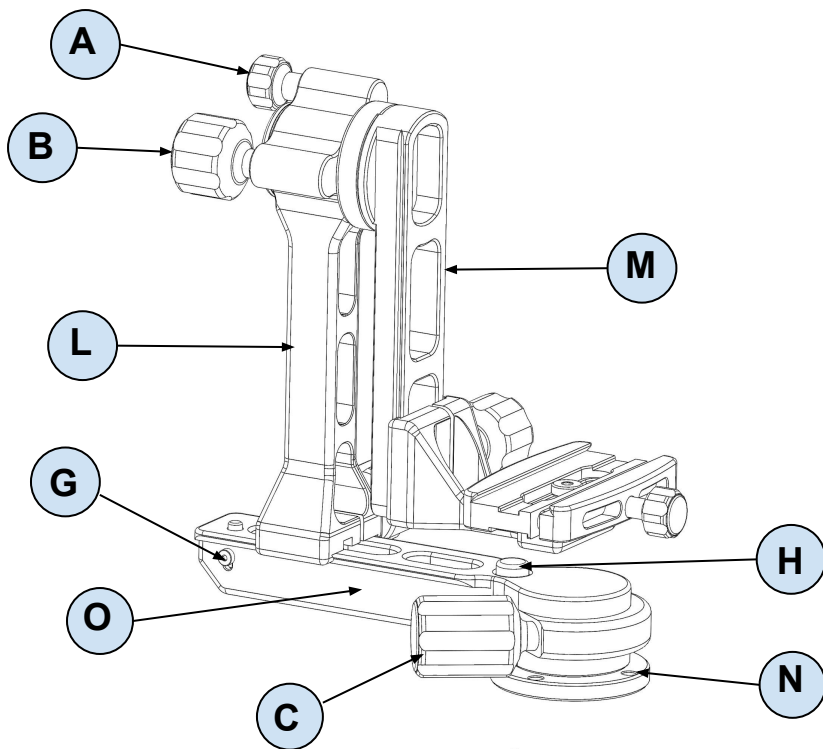
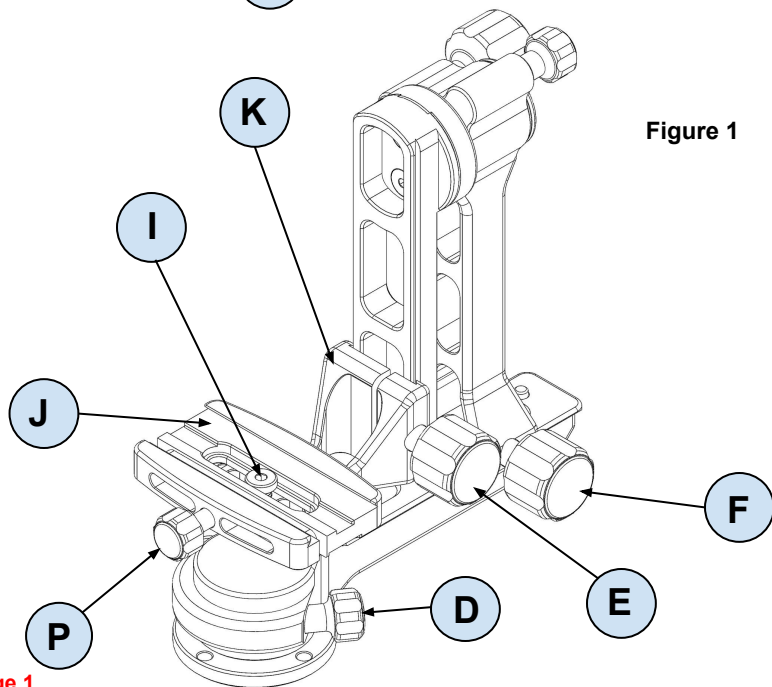


Figure 1



A- Tilt axis tension knob

B- Tilt axis lock knob

C- Panning lock knob

D- Panning tension knob

E- Quick release platform adjustment knob

F- Side arm adjustment knob

G- Spring loaded safety pin

H- Spring loaded pan base locking pin

I- Quick release clamp placement adjustment screw

J- Arca Style quick release clamp

K- Quick release mounting platform

L- Gimbal vertical arm

M- Vertical rail for quick release mounting platform

N- Four detent holes for pan base locking pin (**H**) at every 90 degrees

O- Gimbal horizontal base

P- Quick release adjustment knob

G1 Gimbal Top Mount Set Up

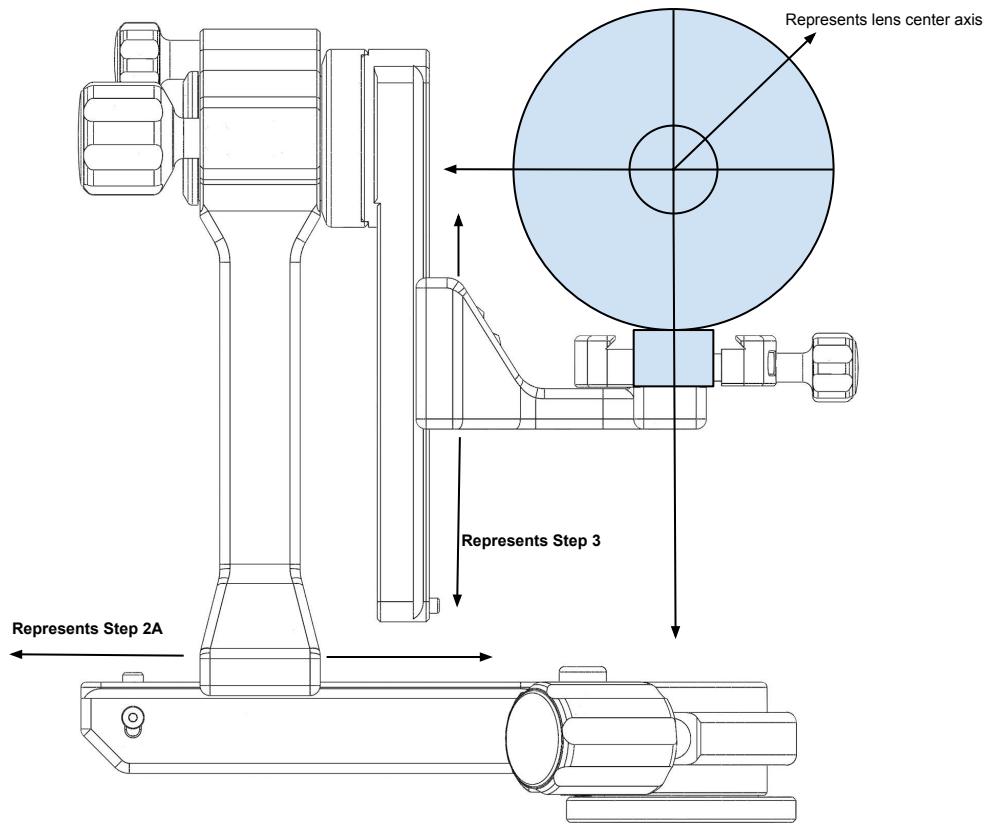


Figure 2

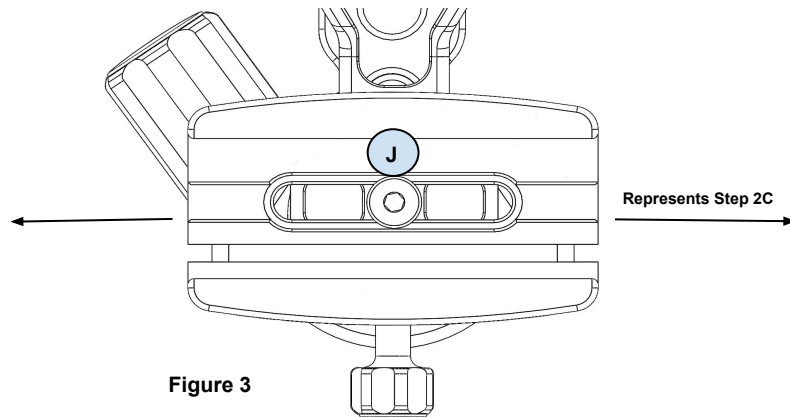


Figure 3

Step 1 Tighten pan lock knob (C) that is located on the gimbal head panning base. Attach the head to your tripod or leveling base and slightly tighten down. Loosen knob (C), press down and hold pan base locking pin (H) slowly rotate clockwise until locking pin engages into one of the four detent holes. Continue to press down locking pin (H) and fully tighten the head in place. Release locking pin (H). For removal of the gimbal head, reverse the above steps.

Step 2A Balancing your lens. **Please note: camera body must be attached to the lens for proper set up.**

You will need to center the quick release mounting platform (K) close to the tripod center axis as shown in **Figure 2**. To achieve this, loosen side arm adjustment knob (F) make your adjustments and retighten knob (F).

Step 2B Please make sure tilt axis lock knob (B) is fully **tightened** and that tilt axis tension knob (A) is fully **loosened**.

Loosen quick release platform adjustment knob (E) and lower quick release platform (K) to the lowest position as shown **figure 1 photos on page 1**.

You will now need to attach your lens to the gimbal quick release clamp (J).

Please note: every lens that you plan to use with the gimbal head, will require an arca-style quick release plate attached to the tripod foot.

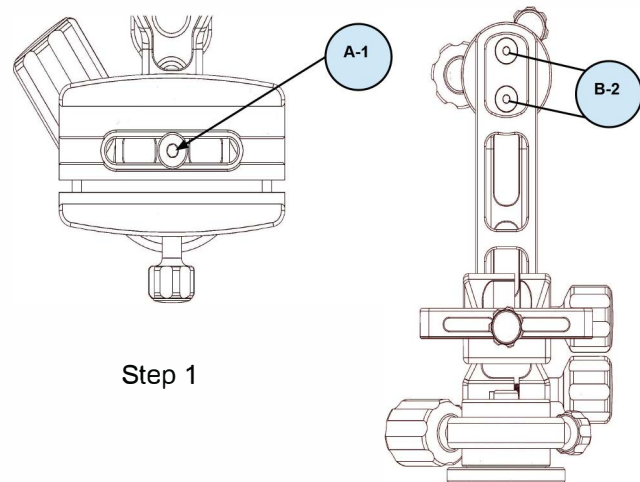
Once you have mounted your lens, stand behind the lens camera set up, grab the camera body as if you were going to take a picture. Now **slowly** loosen the tilt axis knob (B). If the lens end pitches forward (tilts downward) you will need to slide the lens toward you. If the lens pitches backward (tilts upwards) you will need to slide the lens away from you. To make any adjustments needed, you will need to slightly loosen quick release clamp lock knob (P). **Make sure to retighten knob (P).**

Step 2C If you determine that you are not comfortable with the placement of the lens plate in the quick release mounting platform, you have the ability to adjust the quick release platform (J) to a position you are more comfortable with. To achieve this, you will need to loosen the quick release placement screw (I) with the built-in 3/16" allen wrench as in **Figure 3**. **Make sure to retighten screw (I).** By doing this step, you will need to rebalance your lens, following directions in **step 2B**.

Step 3 Now that you have properly adjusted the forward and backward balance of the lens, you will now need to adjust the vertical position of the lens. To achieve this, loosen quick release platform adjustment knob (E) and adjust the vertical position of the quick release mounting platform (K) so that the center of the lens is parallel or slightly higher than the center axis of the gimbal head like shown in **Figure 2**. Loosen knob (B) and tilt the lens roughly 30 degrees toward the sky. When you let go of the lens, if it wants to keep going in the direction you tilted it, you will need to lower the position of the lens by adjusting the position of the mounting platform (K). If the lens wants to return to the level position, you will need to raise the position of the mounting platform (K). The goal is to perfectly balance the lens so that it stays pointed in any position when the knob (B) is completely loose. By adding slight tension from knob (A) this will help you achieve this quickly.

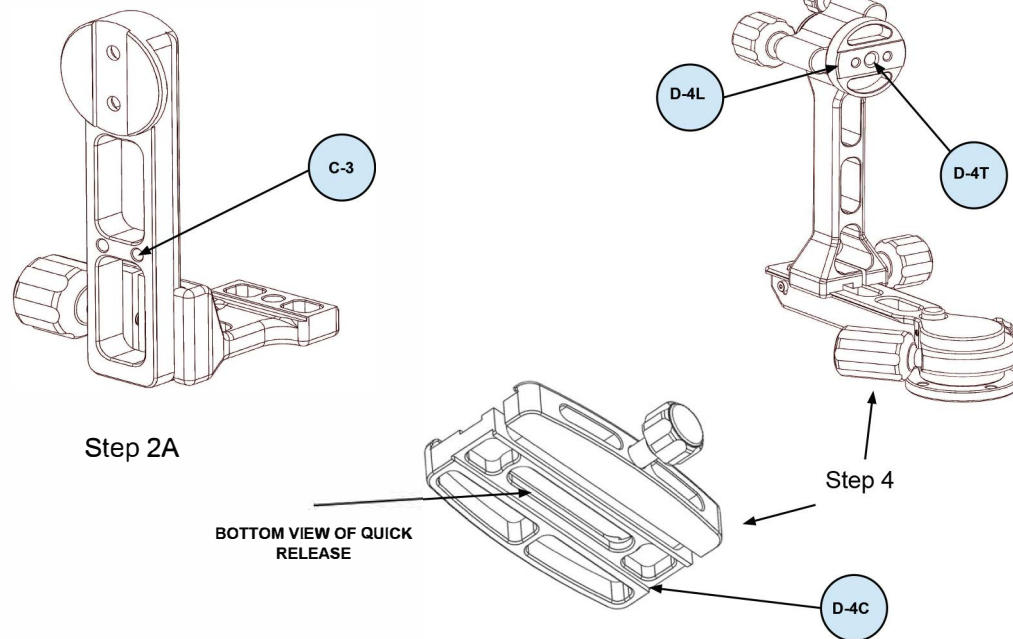
Step 4 The G1 gimbal head is designed with the ability to apply tension of the tilt axis and pan axis from knobs (A) and (D). To achieve this, you will slightly turn the desired knob clockwise for more tension or counterclockwise for less tension. This will help with balancing and let you set your desired resistance.

The goal is to perfectly balance the lens so that it stays pointed in any position even when the Head is completely loose. Fine tune the vertical and forward-backward position of the lens until you've achieved perfect balance. Remember by applying tension to the tilt axis, this will allow for a quicker, more precise set up. It gets much easier to do and will take very little time to achieve as you get more practiced. You can shoot with the tilt axis and panning lock knobs loose or locked in when photographing your subject. The choice is up to you.



Step 1

Step 2



Step 2A

Step 4

BOTTOM VIEW OF QUICK
RELEASE

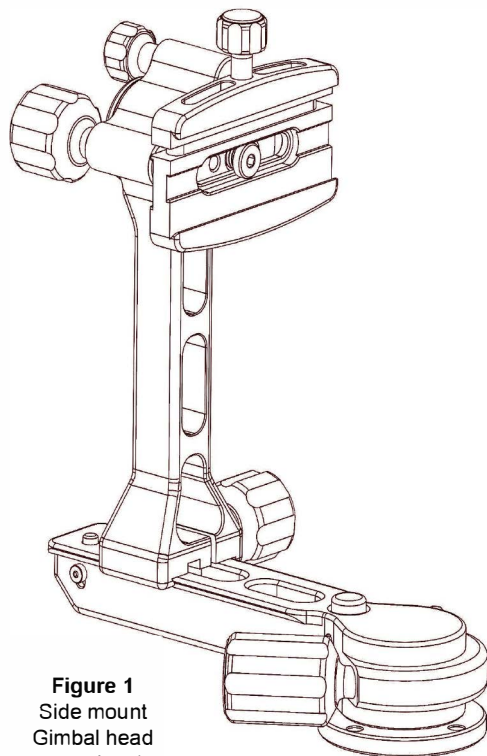


Figure 1
Side mount
Gimbal head
completed

How to convert the G1 Top Mount Gimbal to a Side Mount Gimbal

Step 1 Remove the $\frac{3}{8}$ " mounting screw (A-1) from the quick release clamp with the $\frac{3}{16}$ " built-in allen wrench. Keep this wrench and screw handy as you will have to re-use these in step 4.

Step 2 Remove the two $\frac{1}{4}$ " flat head screws (B-2) from the vertical rail with the $\frac{5}{32}$ " built-in allen wrench.

Step 2A On the backside of the vertical rail, locate the two $\frac{1}{4}$ " tapped holes (C-3) and insert the two $\frac{1}{4}$ " flat head screws that were removed in step 2. This is for storage of the screws to prevent them from being lost. The vertical rail and the quick release mounting platform will not be used for the side mount set up. Store in a safe place so they can be used when wanting to utilize a full Gimbal head.

Step 4 Locate the $\frac{3}{8}$ " tapped hole (D-4T). Now re-attach the quick release clamp with the $\frac{3}{8}$ " mounting screw (A-1) that was removed in step 1, **making sure that the quick release channel (D-4C) mates to the gimbal swivel lug (D-4L)** and tighten with the $\frac{3}{16}$ " T-handle wrench. Final assembly will look like Figure 1.

Step 5 Mounting and balancing your lens combination will be similar to Step 3 on the Gimbal top mount head set up page

The G1 Gimbal head, when set up as a side mount gimbal, all knobs and spring loaded pins will function as they did as the top mount gimbal head.

G1 Gimbal disassembly for storage

Step 1 Loosen quick release platform adjustment knob (E) and slide the quick release mounting platform (K) to the top and remove off the vertical rail (M).

Step 2 Loosen slide arm adjustment knob (F) and slide the gimbal vertical arm (L) to the end of the gimbal horizontal base (O). Push down the spring loaded safety pin (G) to allow for complete removal of the gimbal vertical arm.

