

K&F CONCEPT K234A0, GD-3W

K&F Concept K234A0 Camera Tripod and GD-3W 3-Way Geared Head Instruction Manual

Model: K234A0 Tripod, GD-3W Geared Head

1. INTRODUCTION

Thank you for choosing the K&F Concept K234A0 Camera Tripod with GD-3W 3-Way Geared Head. This instruction manual provides detailed guidance on the proper setup, operation, and maintenance of your new equipment. Please read this manual thoroughly before use to ensure safe and effective operation and to maximize the lifespan of your product.

2. SAFETY INFORMATION

- Always ensure your camera and lens are securely mounted to the tripod head before releasing your grip.
- Do not exceed the maximum load capacity of the tripod or the geared head. Refer to the specifications section for details.
- When adjusting leg sections or the center column, ensure all locking mechanisms are firmly engaged before placing equipment on the tripod.
- Avoid exposing the tripod to extreme temperatures, moisture, or corrosive substances.
- Keep hands and fingers clear of moving parts during adjustments to prevent pinching.
- Do not carry the tripod with a camera attached over long distances or in crowded areas to prevent accidental damage or injury.

3. PACKAGE CONTENTS

Please check the package contents upon receipt. If any items are missing or damaged, contact K&F Concept customer support.

- K&F Concept K234A0 Camera Tripod
- K&F Concept GD-3W 3-Way Geared Head

- Quick Release Plate
- Carrying Bag
- Instruction Manual

4. PARTS IDENTIFICATION

4.1 GD-3W 3-Way Geared Head Components

Quick Adjustment Knobs and Fine Tuning Knobs for Accurate Composition



360°
Panorama



Image: Labeled components of the GD-3W Geared Head, including the 1/4" screw, Quick Release Plate, Bubble Level, Pitch Dial, Quick Adjustment Knobs, Fine Tuning Knobs, and 3/8" Bottom Interface.

1. **1/4" Screw:** For attaching the camera to the quick release plate.
2. **Quick Release Plate:** Mounts to the camera and slides into the head for quick attachment/detachment.
3. **Bubble Level:** Assists in achieving a level horizon.
4. **Pitch Dial:** Controls the vertical tilt angle.
5. **Quick Adjustment Knob:** Provides rapid, larger adjustments for tilt or pan.
6. **Fine Tuning Knob:** Allows for precise, small adjustments for tilt or pan.
7. **Horizontal Dial:** Controls the horizontal panning angle.
8. **3/8" Bottom Interface:** Connects the geared head to the tripod's center column.

4.2 K234A0 Tripod Components

- **Center Column:** Extends vertically for additional height.
- **Center Column Lock:** Secures the center column at the desired height.
- **Leg Sections:** Multiple telescoping sections for height adjustment.
- **Leg Locks:** Twist locks on each leg section to secure extension.
- **Leg Angle Adjusters:** Allow setting the leg spread to different angles.
- **Rubber Feet:** Provide stability and grip on various surfaces.

5. SETUP

5.1 Unfolding the Tripod

1. Release the leg angle adjusters on each leg.
2. Extend the tripod legs outwards until they are fully spread or at your desired angle. Ensure the leg angle adjusters click into place.

5.2 Adjusting Tripod Height

Ball Head BH-28L



Weight Capacity: 8kg/17.6lbs

Ball Diameter: 2.8cm/1.1"

Net Weight: 0.21kg/0.46lbs

Bottom Connection: 3/8"

Height: 8cm/3.15"

Material: Synthetic Nylon

Image: The K234A0 tripod demonstrating its height range, from folded (395mm/15.55") to fully extended (1630mm/64.17").

1. **Leg Sections:** Twist the leg locks counter-clockwise to unlock each leg section. Pull out the leg sections to the desired length. Twist the leg locks clockwise to firmly secure them. Repeat for all legs.
2. **Center Column:** Loosen the center column lock. Gently pull up the center column to extend it. Tighten the center column lock to secure it.

5.3 Mounting the GD-3W Geared Head

The GD-3W geared head typically comes pre-mounted. If not, or if you need to re-attach it:

1. Ensure the tripod's mounting screw (usually 3/8") is exposed at the top of the center column.

2. Align the 3/8" bottom interface of the GD-3W geared head with the tripod's mounting screw.
3. Rotate the geared head clockwise until it is securely tightened onto the tripod.

5.4 Mounting Your Camera

1. Remove the quick release plate from the GD-3W geared head by loosening its locking knob and sliding it out.
2. Attach the quick release plate to the bottom of your camera or lens collar using the 1/4" screw. Ensure it is tightly secured.
3. Slide the quick release plate with your camera attached back into the geared head's receiver.
4. Tighten the quick release plate locking knob firmly to prevent accidental detachment.

6. OPERATING THE GD-3W GEARED HEAD



Image: The GD-3W Geared Head illustrating its quick adjustment and fine-tuning knobs for accurate composition, including 360-degree panorama capability.

The GD-3W geared head offers precise control over camera positioning using its distinct adjustment knobs.

1. **Quick Adjustment Knobs:** These larger knobs allow for rapid, broader movements of the camera. Turn

them to quickly position your camera roughly where you need it.

2. **Fine Tuning Knobs:** Once the quick adjustment knob has set the general position, use the smaller fine-tuning knobs for micro-adjustments. These provide very precise control over the camera's angle, ideal for critical composition.
3. **Pitch Dial:** Use the pitch dial in conjunction with its quick and fine-tuning knobs to control the vertical tilt (up and down) of your camera.
4. **Horizontal Dial:** Use the horizontal dial in conjunction with its quick and fine-tuning knobs to control the horizontal pan (left and right) of your camera. The geared head supports 360-degree panoramic rotation.
5. **Bubble Level:** Use the integrated bubble level to ensure your camera is perfectly level for straight horizons.

7. MAINTENANCE

- **Cleaning:** Wipe down the tripod and head with a soft, dry cloth after each use. For stubborn dirt, use a slightly damp cloth and mild soap, then dry thoroughly. Avoid harsh chemicals.
- **Lubrication:** The geared mechanisms are factory-lubricated. Do not attempt to lubricate them yourself unless specifically instructed by K&F Concept support.
- **Storage:** Store the tripod in its carrying bag in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically check all screws, knobs, and leg locks for tightness. Tighten any loose components.

8. TROUBLESHOOTING

- **Tripod instability:** Ensure all leg locks are fully tightened and leg angle adjusters are engaged. Check that the center column lock is secure.
- **Camera not level:** Use the bubble level on the geared head and adjust the tripod legs or the head's fine-tuning knobs until the bubble is centered.
- **Stiff adjustments on geared head:** Ensure no locking knobs are overtightened. If the issue persists, contact customer support. Do not force adjustments.
- **Quick release plate stuck:** Ensure the locking knob for the quick release plate is fully loosened. Do not force the plate.

9. SPECIFICATIONS

9.1 K234A0 Tripod Specifications



Image: The K234A0 Tripod with a ball head, displaying its core specifications.

Feature	Specification
Leg Sections	4
Tube Diameter	2.3cm / 0.91"
Maximum Height	163cm / 64.2" (64.17" from product specs)
Folded Length	39cm / 15.4" (395mm/15.55" from product specs)
Load Capacity	8kg / 17.6lbs
Net Weight	1.24kg / 2.73lbs

9.2 GD-3W 3-Way Geared Head Specifications

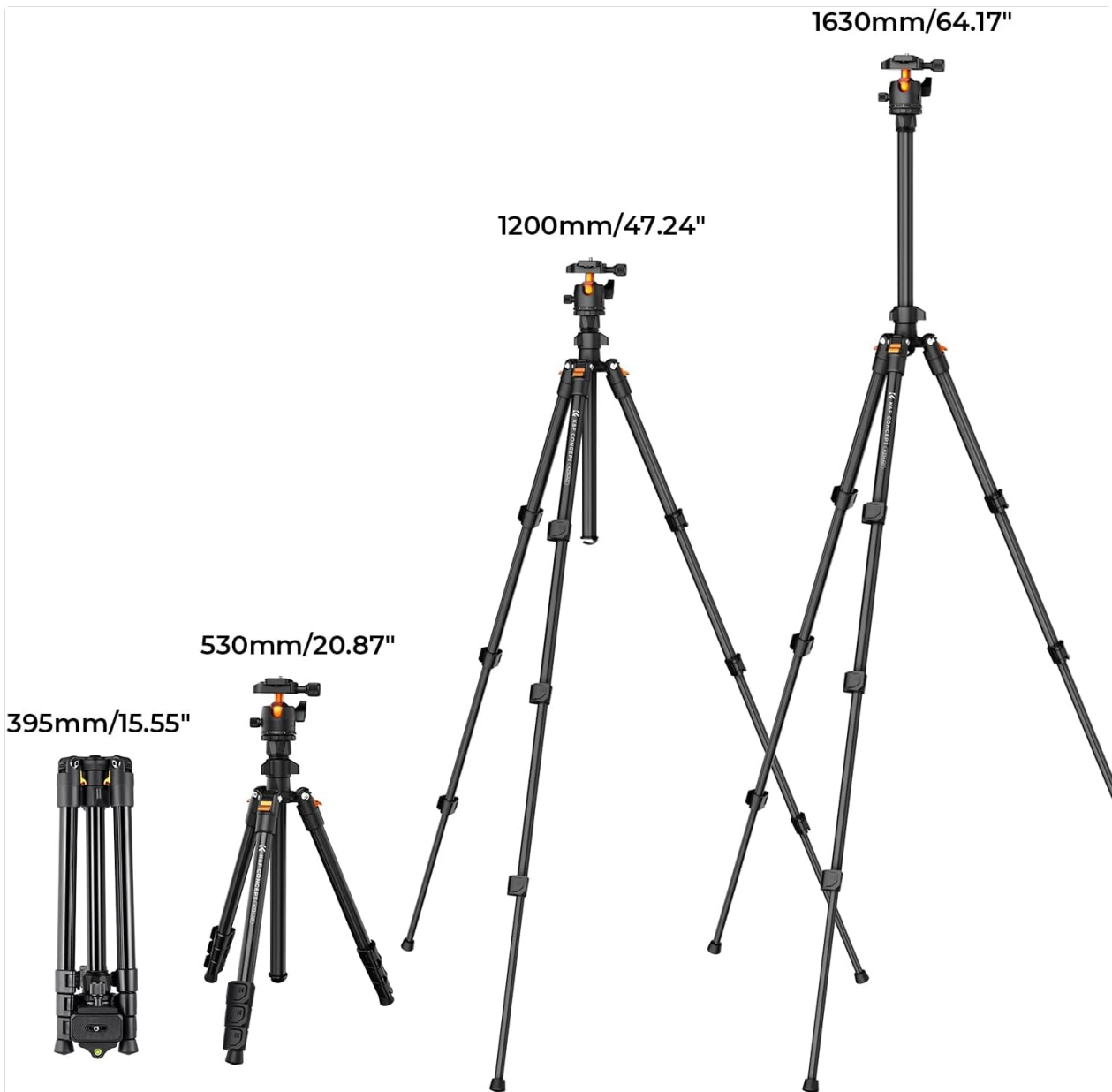


Image: The GD-3W Gear Drive Head displaying its detailed specifications.

Feature	Specification
Load Capacity	6kg / 13.22lbs
Height	13cm / 5.11"
Net Weight	810g / 1.78lbs
Bottom Interface	3/8"
Material	Aluminum alloy
Process	CNC precision process
Top Interface	1/4"

9.3 GD-3W Geared Head Dimensions

Parts Function Display

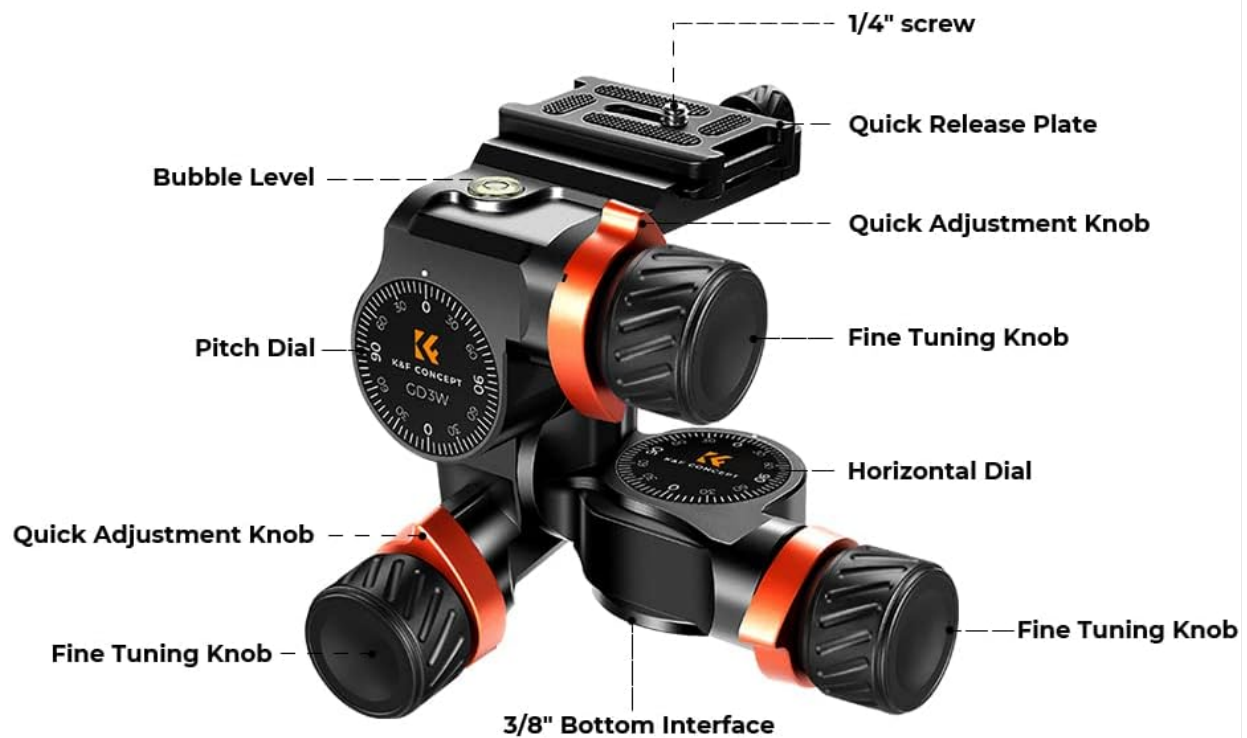


Image: The GD-3W Geared Head showing its overall dimensions (115mm/4.52" height, 130mm/5.11" width, 140mm/5.51" depth) and quick release plate dimensions (60mm/2.23" length, 40mm/1.57" width).

10. WARRANTY AND SUPPORT

K&F Concept products are designed for reliability and performance. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. For specific warranty terms, please refer to the warranty card included with your product or visit the official K&F Concept website.

For technical support, troubleshooting assistance, or warranty claims, please contact K&F Concept customer service through their official website or the retailer where the product was purchased. Please have your product model and purchase date available when contacting support.