K&F Concept K234A0+BH-28L

K&F Concept K234A0 Tripod User Manual

Model: K234A0+BH-28L
Brand: K&F Concept

1. Introduction

Thank you for choosing the K&F Concept K234A0 Tripod with CNC BH-28L Ball Head. This versatile and portable tripod is designed to provide stable support for your camera and smartphone, making it ideal for various photography needs, including travel, macro, and panoramic shots. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your tripod.



Figure 1: K&F Concept K234A0 Tripod with included accessories.

2. Product Overview and Features

The K&F Concept K234A0 Tripod is engineered for photographers seeking a balance of portability, stability, and

versatility. Key features include:

- **Lightweight and Portable Design:** Weighing only 1.29 kg and folding down to 390 mm, this tripod is designed for easy transport, fitting conveniently into backpacks.



Figure 2: The tripod folds compactly for easy carrying.

- **Adjustable Height and Angles:** The tripod offers flexible height adjustments from 0.50 m to 1.60 m, with easily adjustable leg angles to adapt to various terrains and shooting requirements.

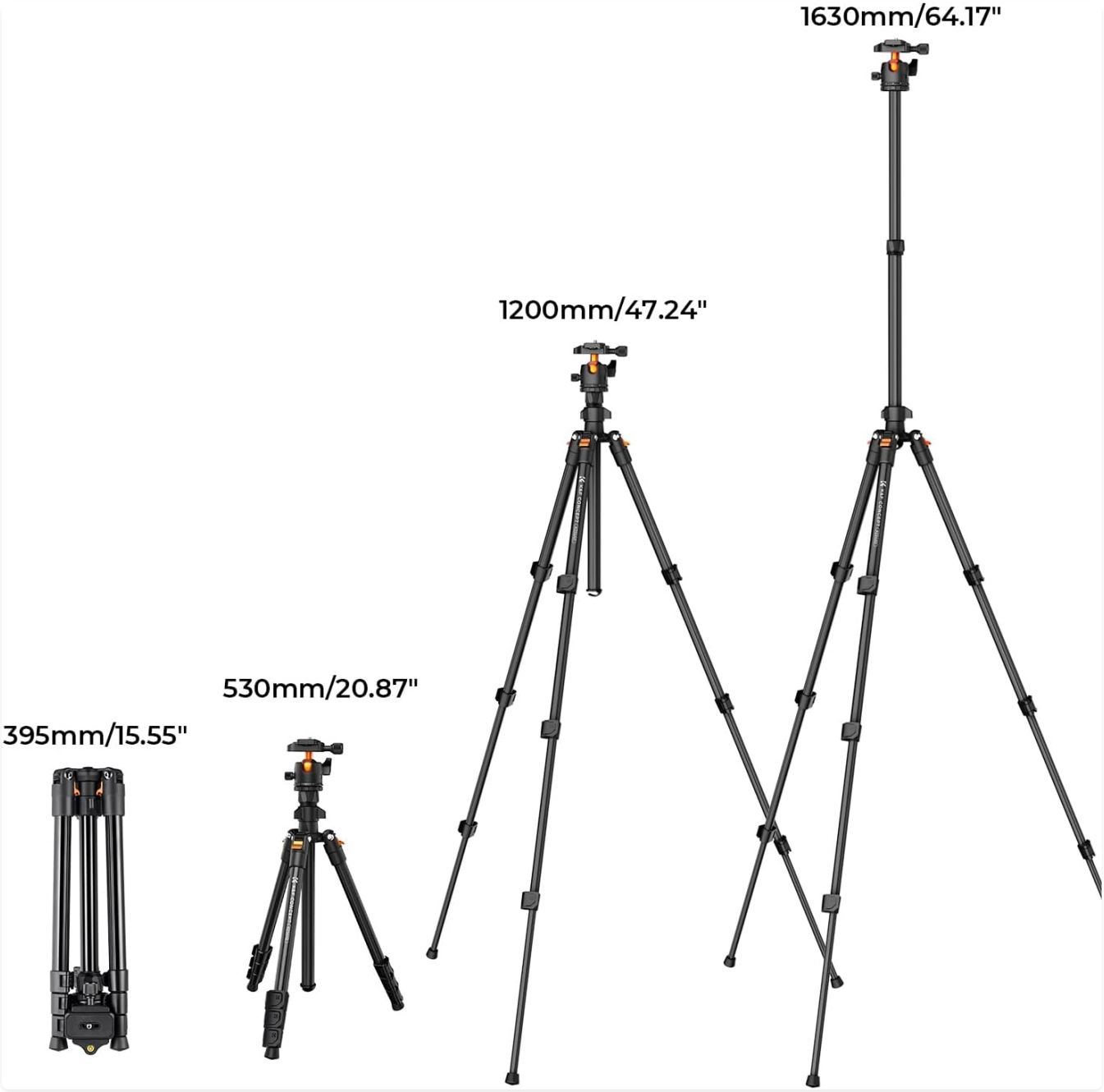


Figure 3: Illustrates the tripod's adjustable height capabilities.

- **Quick Flip Leg Locks:** Equipped with powerful flip locks, the legs can be extended and retracted quickly and effortlessly with one hand, streamlining your setup process.
- **28mm BH-28L Ball Head:** The stable 28mm ball head features an oil-free damping design for smooth and precise camera movements. It includes a 360-degree horizontal scale for easy panoramic photography. The maximum load capacity is 10 kg.



Figure 4: Detailed view of the BH-28L Ball Head.

- **Reversible Center Column:** The center column can be inverted, allowing for low-angle and macro photography. A retractable hook at the bottom provides a point to hang counterweights for added stability in windy conditions.
- **Integrated Smartphone Holder:** A dedicated smartphone holder is included, allowing direct attachment of your mobile device for convenient photo and video capture.



Figure 5: The included smartphone holder.

- **Comfortable Leg Grips:** Dense sponge grips on the legs provide comfort and prevent hands from freezing in cold weather or slipping in hot, sweaty conditions.

3. Setup Instructions

1. **Unfolding the Tripod:**

   Gently pull the legs outwards from the folded position. Release the quick flip leg locks on each section and extend the legs to your desired height. Securely close all flip locks to ensure stability.

   Your browser does not support the video tag.

   Video 1: Demonstrates unfolding the tripod and adjusting leg height (0:03 - 0:07, 0:29 - 0:35).

2. **Attaching Your Camera:**
   - Locate the quick release plate on the ball head. Loosen the quick release knob and slide the plate off.
   - Attach the quick release plate to the bottom of your camera by screwing the 1/4-inch screw into the camera's tripod mount. Ensure it is tightened securely.
   - Slide the camera with the attached quick release plate back onto the ball head. Tighten the quick release knob until the camera is firmly secured.

   Your browser does not support the video tag.

   Video 1: Shows how to attach a camera to the quick release plate and then to the ball head (0:08 - 0:19).

3. **Attaching Your Smartphone:**

   If using a smartphone, attach the included smartphone holder to the quick release plate instead of your camera. Then, secure the smartphone holder with your phone onto the ball head as described above.

4. Operating Instructions

4.1 Adjusting the Ball Head

The BH-28L ball head allows for flexible positioning of your camera:

- **Tilting and Swiveling:** Loosen the main locking knob on the ball head to adjust the camera's angle. Once the desired position is achieved, tighten the knob firmly to secure the camera.
- **360° Panorama:** The base of the ball head features a 360-degree rotating scale. Loosen the panoramic locking knob (usually a smaller knob at the base of the ball head) to rotate the camera horizontally for panoramic shots. Tighten to lock the position.

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Video 2: Demonstrates 360° panorama functionality (0:31 - 0:33).



Figure 6: The 360° panoramic scale on the ball head.

4.2 Adjusting Leg Angles

Each leg has an angle adjustment lock. Press the orange tab at the top of each leg to release the lock and set the leg to one of the predefined angles. This allows for stable setup on uneven surfaces or for achieving very low shooting angles.



Figure 7: Leg angle adjustment mechanism.

4.3 Using the Reversible Center Column for Macro Photography

For extreme low-angle or macro photography, the center column can be inverted:

1. Remove your camera from the quick release plate.
2. Loosen the center column locking knob and pull the center column completely out.
3. Flip the center column upside down and reinsert it into the tripod's main body. Tighten the locking knob.
4. Reattach your camera to the quick release plate, which will now be positioned below the tripod's apex, allowing for ground-level shots.

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Video 1: Demonstrates how to use the inverted center column for macro photography (0:42 - 0:51).



Figure 8: Macro photography setup with inverted center column.

5. Maintenance

Proper maintenance ensures the longevity and optimal performance of your K&F Concept tripod:

- **Cleaning:** After use, especially in dusty, sandy, or wet environments, wipe down the tripod with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth and then dry thoroughly. Avoid harsh chemicals or abrasive materials.
- **Lubrication:** The ball head features an oil-free damping design and generally does not require lubrication. Do not apply lubricants to the leg locks or other moving parts 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. Ensure it is clean and dry before storage to prevent corrosion.
- **Inspection:** Periodically check all screws, knobs, and leg locks to ensure they are tight and functioning correctly. Do not overtighten.

6. Troubleshooting

Problem	Possible Cause	Solution
Tripod is unstable or wobbly.	Leg locks not fully engaged; uneven ground; excessive load; center column extended too high without counterweight.	Ensure all leg flip locks are securely closed. Adjust leg angles to match uneven terrain. Do not exceed the maximum load capacity (10 kg). Lower the center column or attach a counterweight to the hook at its base.
Camera slips or tilts on ball head.	Main locking knob not tightened sufficiently; quick release plate not secured.	Firmly tighten the main locking knob on the ball head. Ensure the quick release plate is properly seated and its locking knob is fully tightened.

Problem	Possible Cause	Solution
Leg sections are difficult to extend or retract.	Dirt or debris in leg sections; flip locks are stiff.	Clean leg sections thoroughly. Apply a small amount of silicone grease (not oil) to the moving parts of the flip locks if they are stiff, but avoid getting it on the leg tubes.

7. Specifications

Feature	Detail
Model Number	K234A0+BH-28L
Material	Aluminum
Item Weight	1210 Grams (1.21 kg)
Package Weight	1.63 Kilograms
Folded Length	390 mm (from feature bullets)
Maximum Height	163 Centimeters
Minimum Height	50 Centimeters (from feature bullets)
Weight Limit	10 Kilograms
Tripod Head Type	Ball Head (BH-28L)
Ball Diameter	28mm (from aplus media image)
Special Feature	Reversible Center Column
Color	Orange/Black
Compatible Devices	Camera, Smartphone (e.g., Samsung, Xiaomi, iPhone series)
Included Components	K234A0 Tripod, Smartphone Holder, Tripod Bag



Figure 9: Contents included in the package.

8. Warranty and Support

Product Warranty: This K&F Concept K234A0 Tripod comes with a 12-month product warranty from the date of purchase. This warranty covers manufacturing defects and material flaws under normal use.
What is Not Covered: This warranty does not cover damage caused by misuse, accident, unauthorized modification, improper storage, or normal wear and tear.
Customer Support: For any questions, technical assistance, or warranty claims, please contact K&F Concept customer support through their official website or the retailer where the product was purchased. Please have your purchase receipt and product model number ready when contacting support.

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