K&F Concept T254A8+BH-28L (SA254T1)

K&F Concept T254A8+BH-28L (SA254T1) Camera Tripod Instruction Manual

Professional Detachable Monopod Tripod with 360 Degree Ball Head

Introduction Components Setup Operating Maintenance Troubleshooting Specifications Warranty & Support

1. Introduction

This manual provides detailed instructions for the assembly, operation, and maintenance of your K&F Concept T254A8+BH-28L (SA254T1) Camera Tripod. This professional-grade tripod is designed for DSLR and SLR cameras, offering high stability, versatile shooting angles, and a detachable monopod function. Please read this manual thoroughly before using the product to ensure proper and safe operation.

2. Product Components

The K&F Concept T254A8+BH-28L (SA254T1) tripod system includes the following main components:

- **Tripod Legs:** Four-section aluminum alloy legs with spiral type locking knobs.
- **Center Column:** Transverse center column, adjustable from 0 to 180 degrees, with 360-degree horizontal rotation capability.
- **Ball Head (KF-28 / BH-28L):**28mm metal ball head with 360-degree panoramic rotation and quick release plate.
- **Detachable Monopod:** One of the tripod legs can be detached and used as a monopod or walking stick.
- **Quick Release Plate:** For easy attachment and detachment of cameras.
- **Carrying Bag:** For convenient transport and storage.
- **Hex Wrench:** For adjustments.



Figure 2.1: Overview of the K&F Concept T254A8+BH-28L (SA254T1) Tripod, showing its main components including the ball head, transverse center column, and detachable monopod.



Figure 2.2: Detailed view of the KF-28 / BH-28L metal ball head, highlighting its quick release plate and adjustment knobs. This ball head provides a 10kg (22 lbs) load capacity and 360-degree rotation.

3. Setup and Assembly

3.1 Unpacking

Carefully remove all components from the packaging. Verify that all parts listed in the "Product Components" section are present. Retain the packaging for future storage or transport.

3.2 Extending Tripod Legs

1. Place the tripod on a flat, stable surface.
2. Release the leg angle adjustment locks at the top of each leg.
3. Extend each leg section by twisting the spiral locking knobs counter-clockwise to loosen, pulling the section out, and then twisting clockwise to tighten. Ensure each section is fully extended and securely locked before proceeding.

4. Adjust the leg angles as needed using the leg angle adjustment locks. The tripod offers three adjustable leg angles for stability on various terrains.



Figure 3.1: Close-up of the leg angle adjustment mechanism, showing the orange lever used to set the leg spread at different angles for stability.

3.3 Adjusting Center Column Height

The tripod features a two-section center column for extended height. To adjust:

1. Loosen the center column locking knob located below the ball head.
2. Raise or lower the center column to the desired height.
3. Tighten the center column locking knob securely to prevent movement.
4. For maximum height (up to 94 inches), both sections of the center column must be extended.



Figure 3.2: The K&F Concept tripod extended to its maximum height of 238cm (93.7 inches), demonstrating its ultra-high design suitable for various shooting scenarios.

3.4 Attaching the Camera to the Ball Head

1. Ensure the quick release plate is securely attached to your camera's tripod mount.
2. Open the quick release clamp on the ball head by turning the locking knob.
3. Slide the quick release plate with the camera into the clamp.
4. Tighten the quick release clamp locking knob until the camera is firmly secured.

4. Operating Instructions

4.1 Transverse Center Column Operation

The unique transverse center column allows for versatile shooting angles, including overhead and low-angle shots.

1. To convert the center column to horizontal mode, loosen the center column locking knob.
2. Pull the center column upwards until it clears the tripod base.
3. Tilt the center column to a 90-degree horizontal position.

4. Tighten the center column locking knob to secure it in the horizontal position.
5. The horizontal column can be rotated 360 degrees for precise positioning.



Figure 4.1: The tripod with its center column extended horizontally, demonstrating its capability for overhead and unique angle photography. The column can be rotated 360 degrees.

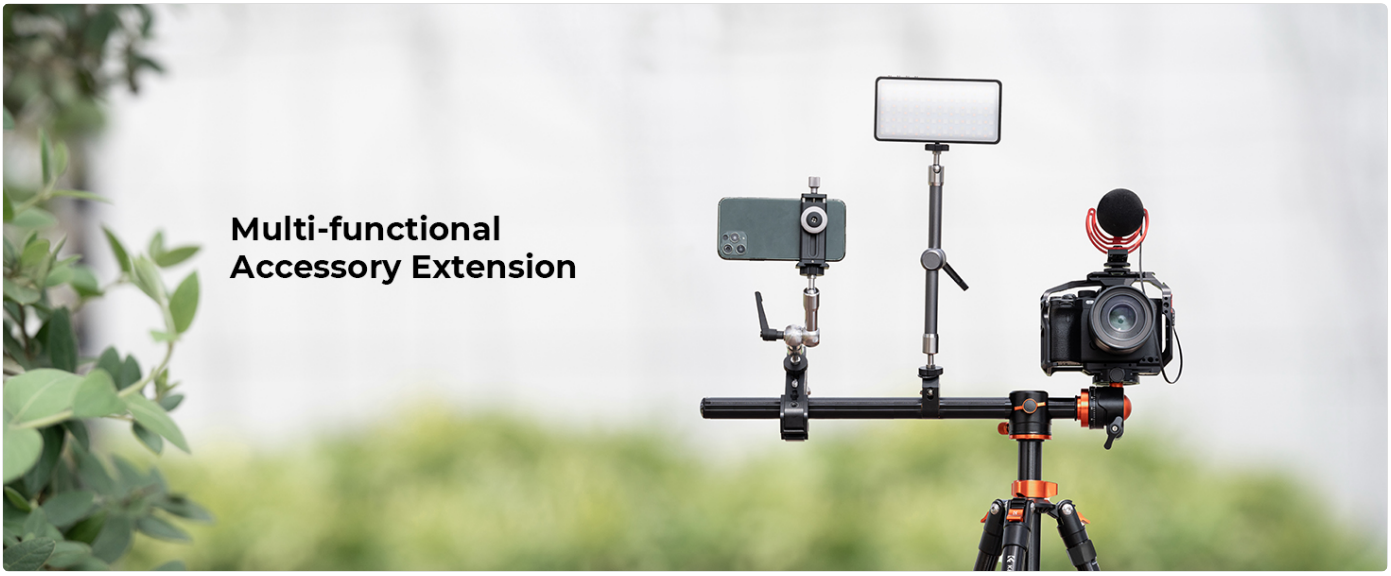


Figure 4.2: Step-by-step illustration of how to quickly transition the center column to a horizontal position, enabling versatile shooting angles.

4.2 Using the Ball Head for Panoramic Shooting

The KF-28 / BH-28L ball head allows for smooth 360-degree panoramic rotation.

1. Ensure the camera is securely mounted on the quick release plate.
2. Loosen the panoramic base locking knob on the ball head.
3. Rotate the camera to the desired panoramic position.
4. Tighten the panoramic base locking knob to secure the position.

Figure 4.3: The tripod set up for 360-degree panoramic shooting, illustrating the rotational capability of the ball head for capturing wide scenes.

4.3 Detachable Monopod Function

One of the tripod legs can be detached and used as a standalone monopod.

1. Identify the leg with the foam grip. This is the detachable monopod leg.
2. Unscrew this leg from the tripod chassis by rotating it counter-clockwise.
3. If desired, the ball head can be attached to the top of the monopod for camera mounting.
4. To reattach, align the threads and screw the leg back onto the tripod chassis clockwise until secure.

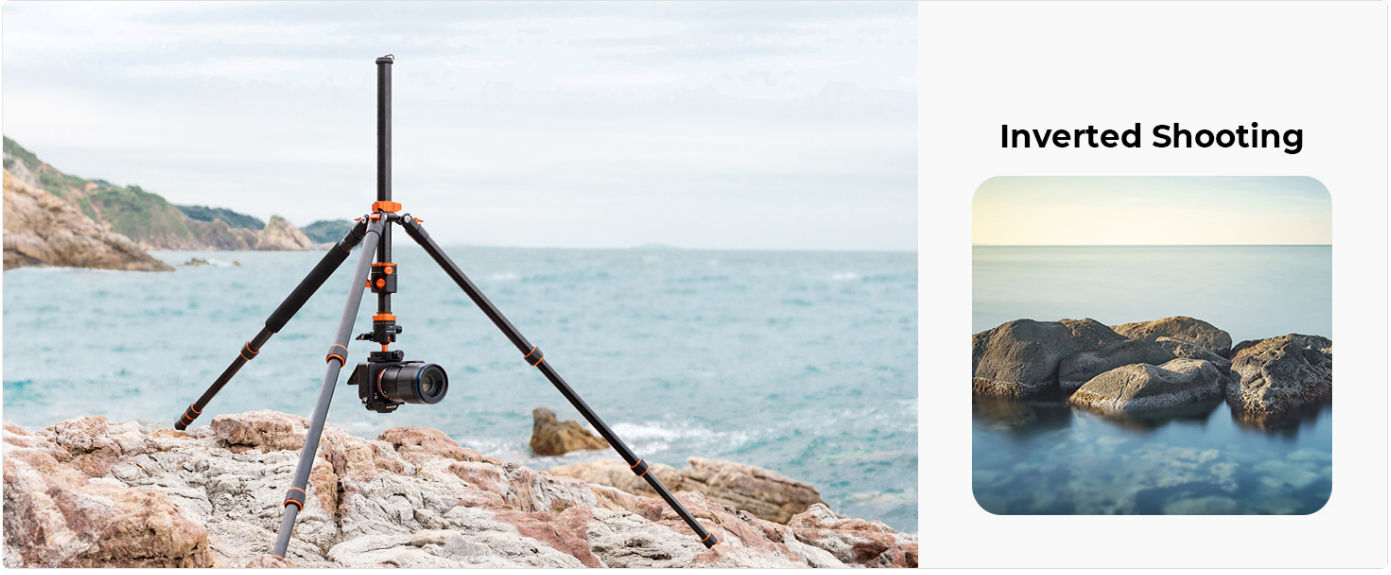


Figure 4.4: Illustration of the detachable monopod feature, showing one leg separated from the tripod body and ready for use as a monopod or walking stick.

4.4 Low-Angle and Inverted Shooting

For extreme low-angle shots or inverted shooting (e.g., macro photography), the center column can be inverted.

1. Remove the center column from the tripod chassis.
2. Invert the center column and reinsert it into the chassis from below.
3. Secure the center column locking knob.
4. Adjust leg angles for maximum stability.



Figure 4.5: The tripod configured for low-angle creative shooting, demonstrating its flexibility for capturing subjects close to the ground.



Figure 4.6: The tripod set up for inverted shooting, allowing the camera to be positioned below the tripod's base for unique perspectives, often used in macro photography.

5. Maintenance and Care

Proper maintenance ensures the longevity and optimal performance of your tripod.

- **Cleaning:** After each 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 mild soap, then dry thoroughly.
- **Lubrication:** Periodically check the leg locking mechanisms and ball head for smooth operation. If necessary, apply a small amount of silicone-based lubricant to moving parts. Avoid oil-based lubricants as they can attract dust.
- **Storage:** Store the tripod in its carrying bag in a cool, dry place away from direct sunlight and extreme temperatures.
- **Inspection:** Regularly inspect all screws, knobs, and joints for tightness. Tighten any loose components using the provided

hex wrench or appropriate tools.

- **Avoid Overloading:** Do not exceed the maximum load capacity of 10 kg (22 lbs) to prevent damage to the tripod and attached equipment.

6. Troubleshooting

This section addresses common issues you might encounter with your tripod.

Problem	Possible Cause	Solution
Tripod legs do not extend or retract smoothly.	Dirt, sand, or debris inside leg sections; insufficient lubrication.	Clean leg sections thoroughly. Apply a small amount of silicone lubricant if needed. Ensure locking knobs are fully loosened.
Ball head movement is stiff or jerky.	Dust or debris in the ball mechanism; insufficient lubrication; locking knob too tight.	Clean the ball head. Apply a small amount of silicone lubricant. Ensure the locking knob is appropriately loosened for smooth movement.
Camera is not stable on the tripod.	Quick release plate not securely attached; leg sections not fully locked; tripod overloaded.	Ensure the quick release plate is tightened. Verify all leg sections and center column are securely locked. Check that camera weight does not exceed 10 kg (22 lbs).
Center column cannot be moved to horizontal position.	Center column locking knob not fully loosened; column stuck.	Ensure the center column locking knob is completely loosened. Gently pull the column upwards to clear the base before tilting.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact K&F Concept customer support.

7. Product Specifications

Feature	Specification
Model Name	SA254T1 (T254A8+BH-28L)
Material	Aluminum Alloy
Leg Sections	4
Max Tube Diameter	25mm (0.98")
Max Height (with center column)	238 cm (94 inches)
Min Height	68.5 cm (27 inches)
Folded Length	57 cm (22.44 inches)
Load Capacity	10 kg (22.04 lbs)
Item Weight	1.99 kg (4.38 lbs)
Ball Head Type	KF-28 / BH-28L Metal Ball Head
Ball Diameter	28mm (1.1 inches)
Special Features	Transverse Center Column, Detachable Monopod, 360° Panoramic Ball Head, Lightweight



Figure 7.1: Diagram illustrating key specifications of the K&F Concept T254A8+BH-28L tripod, including leg sections, tube diameter, maximum height, folded length, load capacity, and weight.

Ball Head BH-28L

(Original Model: KF-28)



Load capacity: 10 kg / 22 lbs	Bottom interface: 3/8"
Ball diameter: 2.8 cm / 1.1"	Height: 8 cm / 3.15"
Weight: 0.26kg / 0.58 lbs	Material: Aluminum Alloy

Figure 7.2: Detailed specifications for the BH-28L ball head, including load capacity, ball diameter, weight, height, bottom interface, and material.



Figure 7.3: Visual representation of the tripod's various height adjustments, from minimum folded length to maximum extended height, including monopod configurations.

8. Warranty and Support

K&F Concept products are designed for durability and performance. For warranty information and customer support, please refer to the official K&F Concept website or contact their customer service directly.

- **Online Support:** Visit the official K&F Concept website for FAQs, product registration, and support resources.
- **Contact Information:** Refer to the product packaging or the official website for specific contact details (email, phone).

Please retain your proof of purchase for warranty claims.

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