K&F CONCEPT O254C2

K&F CONCEPT 64" Carbon Fiber Camera Tripod Instruction Manual

Model: O254C2+BH-36

1. Introduction

Thank you for choosing the K&F CONCEPT 64" Carbon Fiber Camera Tripod. This manual provides detailed instructions for the proper assembly, operation, and maintenance of your tripod. Please read this manual thoroughly before use to ensure optimal performance and longevity of your equipment. Retain this manual for future reference.

2. Product Overview

The K&F CONCEPT O254C2+BH-36 tripod is a lightweight and portable carbon fiber tripod designed for stability and versatility in various photography environments. It features a 36mm metal ball head, quick release plate, and adjustable legs for diverse shooting needs.

Key Features:

- **Lightweight and Portable:** Constructed from carbon fiber, weighing only 2.5 lbs (1.1 kg), and folds to 16.3 inches (41.5 cm) for easy transport.
- **Adjustable Height:** 4-section legs allow height adjustment from 21.2 inches to 64 inches (54 cm to 162 cm).
- **36mm Metal Ball Head:** Provides 360-degree panning and flexible tilt for precise camera positioning.
- **High Load Capacity:** Supports up to 17.6 lbs (8 kg), suitable for most DSLR cameras and lenses.
- **Versatile Shooting:** Features include low-angle shooting, inverted center column for macro photography, and monopod conversion.
- **Durable Construction:** Reinforced synthetic nylon connecting parts ensure resilience against environmental elements.

Components:

1. Tripod Legs (4 sections)
2. Center Column

3. 36mm Metal Ball Head (BH-36)
4. Quick Release Plate (Arca-Swiss compatible)
5. Leg Angle Adjustment Locks
6. Twist Leg Locks
7. Carrying Bag



Figure 2.1: K&F CONCEPT 64" Carbon Fiber Camera Tripod, illustrating its compact folded size and full setup with carrying bag.



Figure 2.2: Tripod in use with a camera, highlighting model number and specifications.



Figure 2.3: Folded tripod, demonstrating its compact and lightweight nature.

Ball Head BH-36



Weight capacity: 8kg/17.6lbs	Bottom connection: 3/8"
Ball diameter: 36mm/1.4"	Height: 8cm/3.15"
Net weight: 0.25kg/0.55lbs	Material: Aluminum alloy

Figure 2.4: Detailed view of the BH-36 Ball Head.

3. Setup Instructions

3.1 Unfolding the Tripod

1. Remove the tripod from its carrying bag.
2. Gently unfold the three legs outwards until they are fully extended or set to your desired angle.
3. Adjust the leg angles using the leg angle adjustment locks located at the top of each leg. There are typically three preset angles.



Figure 3.1: Leg angle adjustment mechanism.

3.2 Adjusting Leg Height

1. To extend a leg section, twist the leg lock counter-clockwise to loosen it.
2. Pull the leg section outwards to the desired length.
3. Twist the leg lock clockwise to secure the section firmly in place. Repeat for all leg sections and legs.
4. For maximum stability, always extend the thickest leg sections first.



Figure 3.2: Tripod height adjustments.

3.3 Attaching the Camera

1. Ensure the quick release plate is securely attached to your camera's 1/4-inch tripod socket. Use a coin or screwdriver if necessary to tighten the screw.
2. Locate the quick release clamp on the ball head. Open the clamp lever.
3. Slide the quick release plate with your camera into the clamp.
4. Close the clamp lever firmly to secure the camera. Always double-check that the camera is securely mounted before releasing your grip.

4. Operating Instructions

4.1 Using the Ball Head (BH-36)

- **Main Locking Knob:** Loosen this knob to adjust the angle of your camera (tilt and swivel). Tighten it to lock the camera in position.
- **Panning Lock Knob:** Loosen this knob to rotate the camera horizontally (360-degree panning) without affecting the

tilt. Tighten it to lock the panning movement.



Figure 4.1: 360-degree panoramic shooting with the ball head.

4.2 Low-Angle Shooting

For extremely low-angle shots, the center column can be inverted:

1. Remove the ball head and camera from the center column.
2. Unscrew the center column locking knob and remove the center column.
3. Reinsert the center column upside down into the tripod's main body.
4. Secure the center column locking knob.
5. Reattach the ball head and camera to the inverted center column.

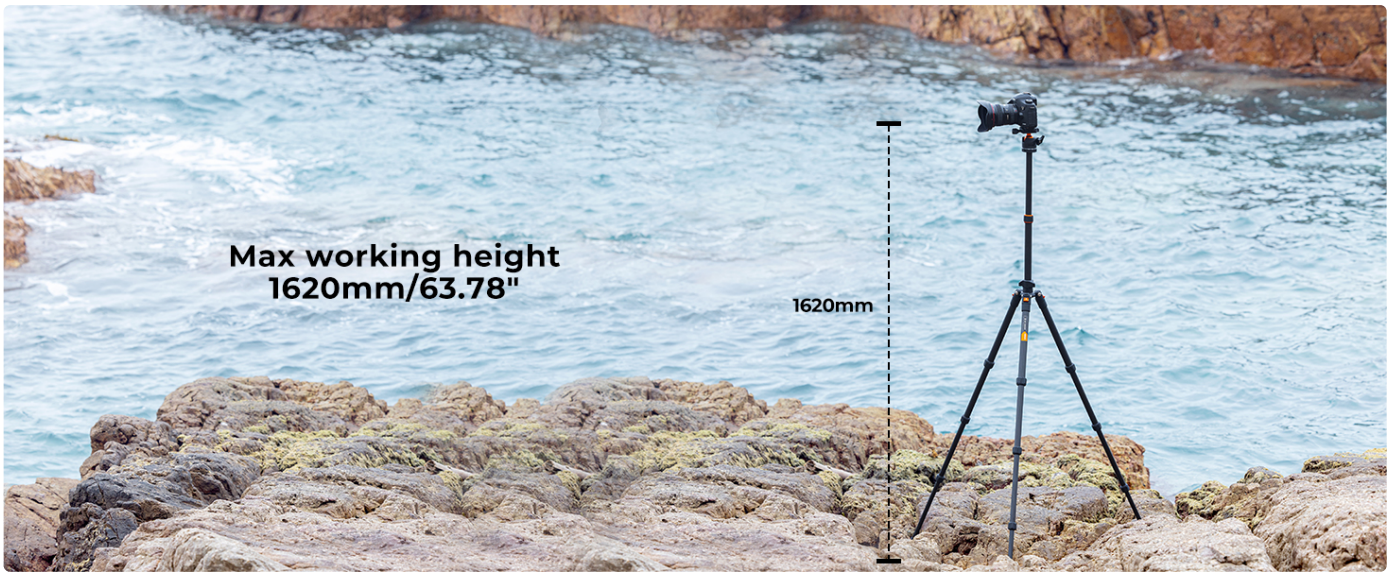


Figure 4.2: Tripod configured for low-angle shooting.

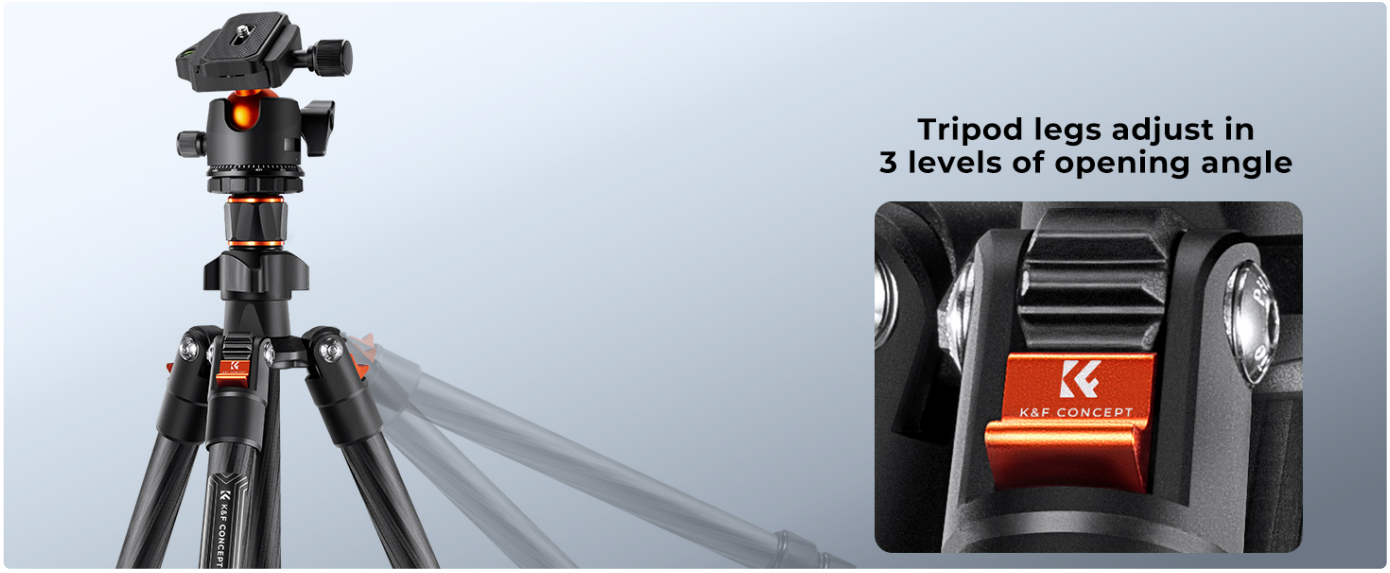


Figure 4.3: Inverted center column for macro or unique perspectives.

4.3 Monopod Conversion

One of the tripod legs can be detached and combined with the center column to form a monopod:

1. Unscrew the leg that has a foam grip (usually indicated).
2. Remove the center column from the tripod body.
3. Screw the detached leg onto the bottom of the center column.
4. Attach the ball head to the top of the assembled monopod.

5. Maintenance

- **Cleaning:** After use, especially in dusty or sandy environments, wipe down the tripod with a soft, damp cloth. Avoid using harsh chemicals. For sand in leg locks, extend the legs fully and clean thoroughly to prevent damage.
- **Lubrication:** Moving parts generally do not require lubrication. If any part becomes stiff, consult K&F CONCEPT support before applying any lubricants.
- **Storage:** Store the tripod in its carrying bag in a dry, cool place away from direct sunlight and extreme temperatures.
- **Inspection:** Regularly check all screws, knobs, and leg locks for tightness. Tighten any loose components to ensure stability and safety.

6. Troubleshooting

- **Tripod is wobbly at full height:** Ensure all leg sections are fully extended and all twist locks are securely tightened. For maximum stability, avoid extending the thinnest leg sections or the center column to their absolute maximum if not necessary. Distribute weight evenly.
- **Leg sections are stiff or difficult to extend/retract:** This may be due to dirt or sand inside the leg locks. Fully extend the affected leg section, clean the twist lock mechanism thoroughly, and ensure no debris is present. Do not force the mechanism.
- **Camera not securely mounted:** Verify that the quick release plate is properly attached to your camera and that the quick release clamp on the ball head is fully closed and tightened.
- **Ball head movement is not smooth:** Check that the main locking knob is sufficiently loosened. If the issue persists, ensure no debris is obstructing the ball head mechanism.

7. Specifications

Feature	Specification
Model Number	O254C2+BH-36
Material	Carbon Fiber
Maximum Height	64 inches (162 cm)
Folded Length	16.3 inches (41.5 cm)
Leg Sections	4
Load Capacity	17.6 lbs (8 kg)
Item Weight	2.51 lbs (1.14 kg)
Ball Head Diameter	36mm
Tripod Head Type	Ball Head
Quick Release Plate	Arca-Swiss Compatible

8. Warranty and Support

K&F CONCEPT products are designed for quality and reliability. For warranty information, technical support, or service inquiries, please refer to the official K&F CONCEPT website or contact their customer service directly. Please have your model number (O254C2+BH-36) and purchase details available when contacting support.
Official K&F CONCEPT Website: Visit K&F CONCEPT Store

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