K&F Concept T254A7+FH-03

K&F CONCEPT T254A7+FH-03 Overhead Camera Tripod Instruction Manual

Model: T254A7+FH-03

1. Introduction

Thank you for choosing the K&F CONCEPT T254A7+FH-03 Overhead Camera Tripod. This manual provides essential information for the safe and effective use of your new tripod. Please read these instructions carefully before operation and retain them for future reference.

This tripod is designed for versatile photography and videography, featuring a horizontal shooting capability, a fluid head for smooth movements, and a detachable monopod function. It is suitable for various indoor and outdoor applications.

2. Product Overview

The K&F CONCEPT T254A7+FH-03 tripod is constructed from durable aluminum alloy, offering stability and flexibility for diverse shooting requirements.

Key Features:

- **Universal Center Axis:** Allows 0-120° pitch angle adjustment and 360° horizontal panorama.
- **High Extension:** Maximum height of 2.3m (90 inches) for elevated shots.
- **Enhanced Stability:** Central axis features a 28mm enlarged pipe diameter to minimize lens shake.
- **Fluid Head (FH-03):** 28mm metal ball head with 10KG (22lbs) load capacity, offering 360-degree panning and +90°/-90° tilt.
- **Detachable Monopod:** One leg can be converted into a monopod or walking stick.

Components:



Figure 2.1: Main components of the K&F CONCEPT T254A7+FH-03 Tripod, including the main tripod assembly, horizontal arm, and detachable monopod.



Figure 2.2: Detailed view of the FH-03 Fluid Head, highlighting its load capacity, base connection, tilt angle, and quick release plate type.



Figure 2.3: The fluid head is compatible with a wide range of DSLRs, mirrorless cameras, and camcorders from brands like Canon, Sony, Nikon, Fuji, RED, and BMD.

3. Setup Instructions

3.1 Unfolding the Tripod

1. Place the tripod on a flat, stable surface.
2. Release the leg angle locks and extend the tripod legs to your desired spread. Ensure all leg locks are securely fastened.
3. Extend the leg sections by opening the flip-locks and pulling out each section. Close the flip-locks firmly to secure the legs at the desired height.

3.2 Attaching Your Camera

1. Ensure the quick release plate is detached from the fluid head.
2. Attach the quick release plate to the bottom of your camera using the 1/4" screw. Tighten securely.
3. Slide the camera with the attached quick release plate into the fluid head's receiver until it clicks into place. Secure the safety lock if available.

3.3 Setting Up the Horizontal Axis



Figure 3.1: The universal axis allows for 360° rotation and 0-120° pitch angle adjustment for horizontal shooting configurations.

1. Loosen the central axis locking knob.
2. Pull the central axis upwards to its maximum extension.
3. Tilt the central axis to the horizontal position (up to 90 degrees) and adjust the pitch angle (0-

120°) as needed.

4. Tighten the central axis locking knob firmly to secure the horizontal arm.
5. The horizontal arm extends approximately 39cm from the center.

4. Operating Instructions

4.1 Fluid Head Operation



Figure 4.1: The fluid head features an independent locking knob for precise 360° panoramic adjustments.



Figure 4.2: The fluid head allows for a vertical tilt range of +90° to -90° for flexible shooting angles.

- **Panning:** Loosen the panning lock knob at the base of the fluid head to rotate the camera 360 degrees horizontally. Tighten to secure.
- **Tilting:** Use the handle to adjust the camera's vertical angle. Loosen the tilt lock knob, adjust the angle (+90° to -90°), and then tighten the knob.

4.2 Detachable Monopod Function

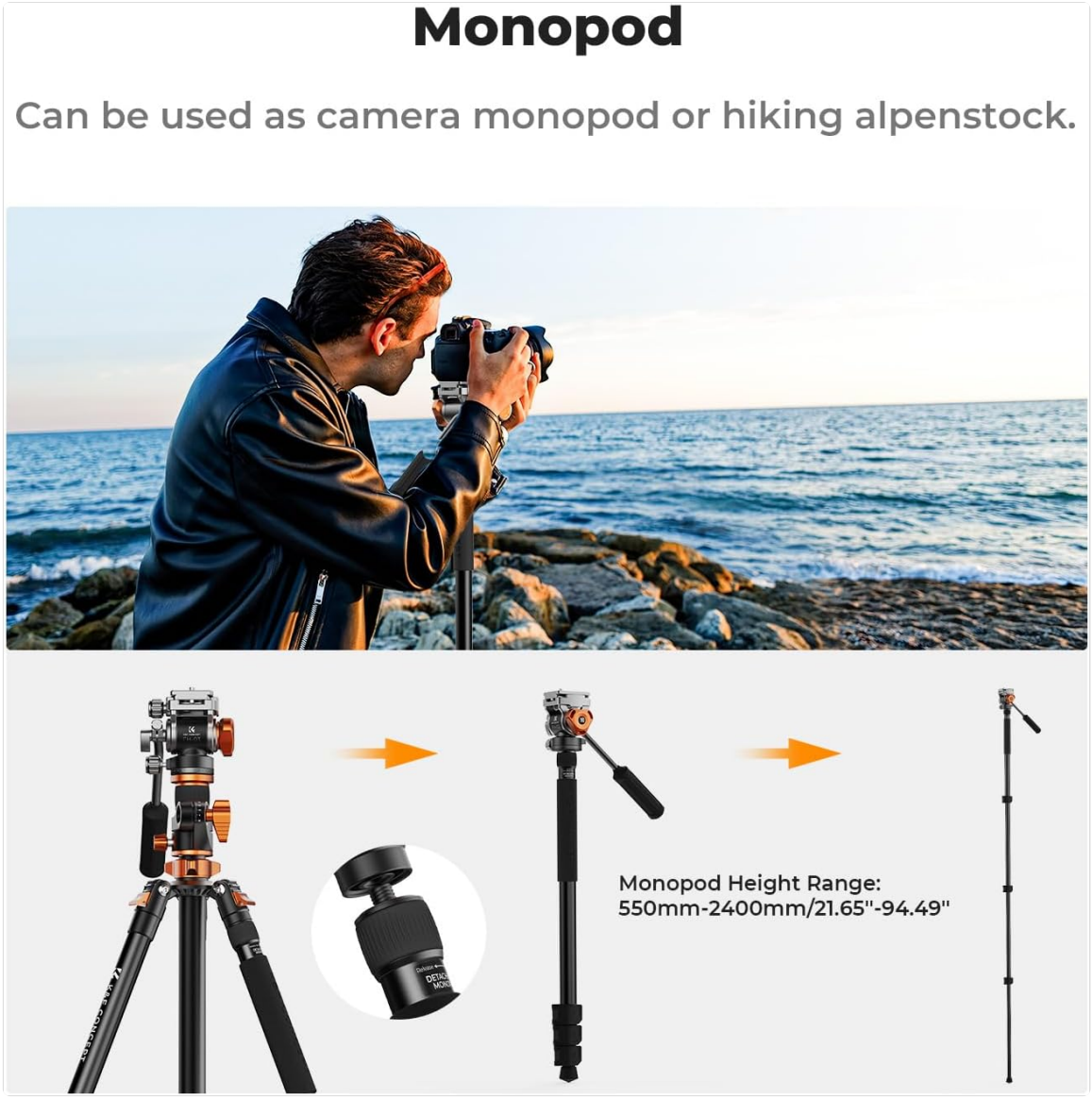


Figure 4.3: One of the tripod legs can be detached and combined with the central column to form a monopod, or used as a hiking alpenstock.

1. Identify the leg with the foam grip.
2. Unscrew this leg from the tripod chassis.
3. Unscrew the central column from the tripod chassis.
4. Attach the detached leg to the central column to form a monopod.
5. The monopod height range is 550mm-2400mm (21.65"-94.49").

4.3 Multi-Height Adjustment



Figure 4.4: The tripod offers multiple height adjustments, from a folded length of 55cm (21.65") to a maximum height of 231cm (90.94").

Adjust the height by extending the leg sections and the central column. Ensure all flip-locks and central column locks are securely tightened after adjustment.

4.4 Multi-Angle Shooting

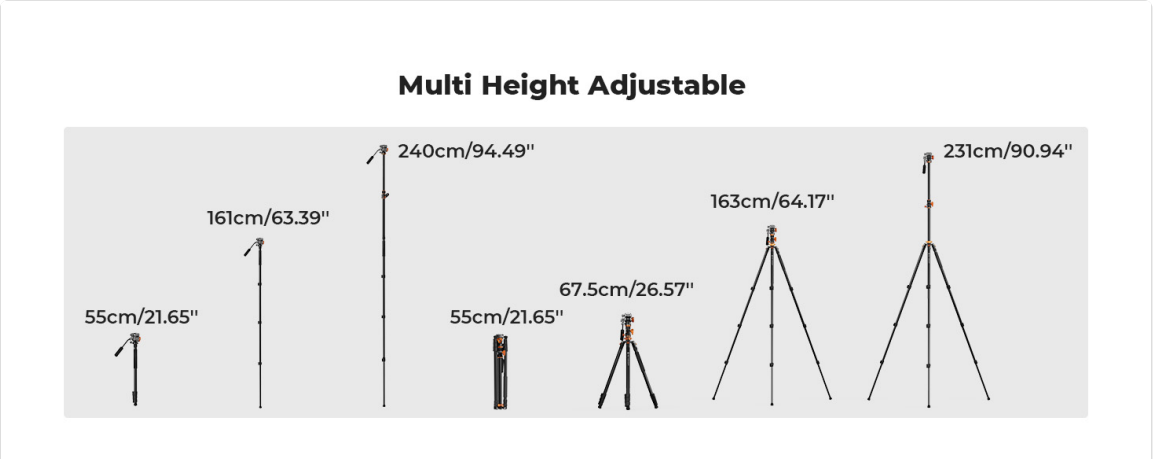


Figure 4.5: The tripod supports various shooting angles including overhead, low-angle creative, and inverted shooting by adjusting the central column and leg positions.

- **Overhead Shooting:** Utilize the horizontal axis feature to position the camera directly above your subject.
- **Low-Angle Shooting:** Adjust the leg angles to their widest spread and lower the central column for ground-level shots.
- **Inverted Shooting:** For extreme low angles or macro photography, the central column can be inverted and re-attached to the tripod.

5. Maintenance

- Regularly clean the tripod legs and joints with a soft, dry cloth to remove dust and debris.
- Avoid exposing the tripod to extreme temperatures or harsh chemicals.
- Ensure all locking mechanisms are free of obstructions and operate smoothly. If any part feels stiff, a small amount of silicone-based lubricant can be applied to moving parts, avoiding contact with camera mounting surfaces.
- Store the tripod in its carrying case in a dry, cool place when not in use.

6. Troubleshooting

Issue: Tripod feels unstable or wobbly.

- **Solution:** Ensure all leg sections are fully extended and their flip-locks are securely closed. Verify that the central column locking knob is tightened. Check that the leg angle locks are engaged. For horizontal shooting, ensure the central axis locking knob is firmly secured and consider adding a counterweight if using heavy equipment far from the center.

Issue: Fluid head movements are not smooth.

- **Solution:** Check if the panning or tilt lock knobs are fully loosened. Clean any dust or grit from the fluid head mechanisms.

Issue: Quick release plate is difficult to attach/detach.

- **Solution:** Ensure the quick release clamp is fully open. Do not force the plate. If there is resistance, check for any debris in the slot.

7. Specifications

Feature	Specification
Model Name	T254A7+FH-03
Material	Aluminum
Maximum Height	230cm (90 inches)
Minimum Height	54cm (21.3 inches)
Folded Length	54cm (21.3 inches)

Feature	Specification
Item Weight	2kg (4.45 lbs)
Weight Limit (Load Capacity)	10KG (22 lbs)
Leg Sections	4
Central Axis Diameter	28mm
Tripod Head Type	Ball Head (FH-03 Fluid Head)
Fluid Head Tilt Angle	+90°/-90°
Fluid Head Panning	360°
Quick Release Plate	Arca-Swiss compatible
Monopod Maximum Height	240cm (94.49 inches)
Compatible Devices	Binoculars, Camcorder, Camera

8. Package Contents

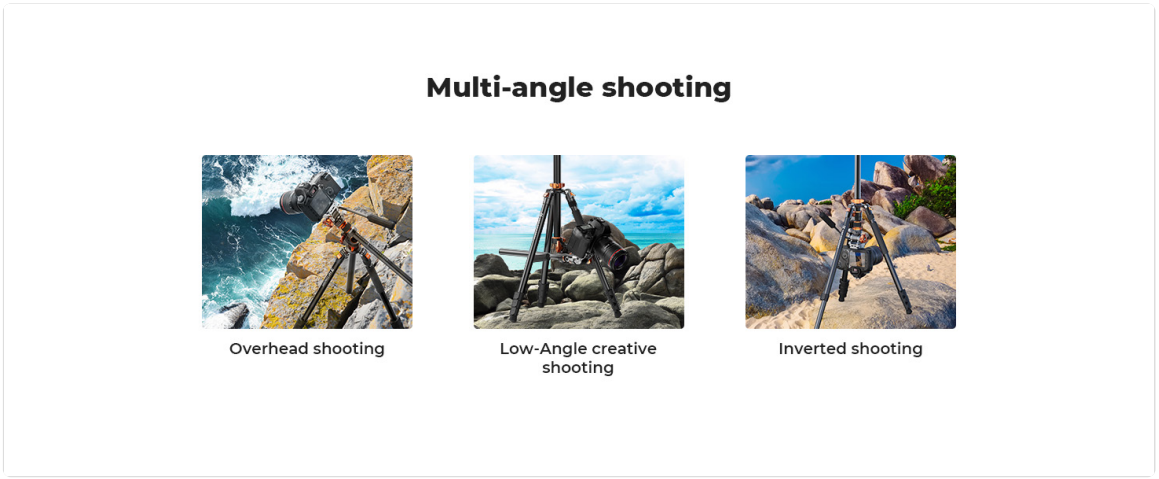


Figure 8.1: The K&F Concept T254A7+FH-03 tripod package includes the tripod, a carrying bag, and an adjustment tool.

- K&F Concept Camera Tripod (T254A7+FH-03) x 1
- Carrying Bag x 1
- Hex Wrench x 1 (for adjustments)
- Instruction Manual x 1

9. Warranty and Support

For warranty information or technical support, please refer to the official K&F Concept website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Official K&F Concept Store: Visit Store

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