K&F CONCEPT T255A3+BH-28L

K&F Concept T255A3+BH-28L Camera Tripod Instruction Manual

Model: T255A3+BH-28L
Brand: K&F CONCEPT

1. Introduction

This manual provides detailed instructions for the safe and effective use of your K&F Concept T255A3+BH-28L Camera Tripod. Please read this manual thoroughly before operating the product and retain it for future reference.

The K&F Concept T255A3+BH-28L is a versatile aluminum tripod designed for DSLR cameras, camcorders, and binoculars. It features a transverse center column, a 360-degree ball head, quick-release flip-locks for leg adjustment, and a detachable monopod function. Its robust design supports a maximum load capacity of 10kg (22.04 lbs) while maintaining portability.

2. What's in the Box

- K&F Concept T255A3+BH-28L Camera Tripod (main unit with integrated ball head)
- Quick Release Plate
- Carry Bag
- Allen Key
- Instruction Manual



Figure 1: Contents of the K&F Concept T255A3+BH-28L package.

3. Setup

3.1 Unfolding and Adjusting Tripod Legs

1. **Unfold Legs:** Gently pull the tripod legs outwards until they lock into position.
2. **Adjust Leg Angles:** Each leg features a red angle adjustment lock. Press this lock to select one of three available leg angles, allowing for stable positioning on various terrains.
3. **Extend Leg Sections:** Use the quick-release flip-locks on each leg section to extend or retract the legs to your desired height. Ensure all locks are securely fastened before use.



Figure 2: Tripod legs extended with height specifications.

3.2 Attaching the Ball Head and Quick Release Plate

1. **Mount Camera:** Secure your camera to the quick release plate by screwing the 1/4-inch screw into the camera's tripod socket.
2. **Attach Plate to Ball Head:** Open the quick release clamp on the ball head. Insert the quick release plate with your camera into the clamp and securely tighten the locking knob.
3. **Leveling:** Utilize the built-in bubble level on the quick release plate to ensure your camera is perfectly level.



Figure 3: Detailed view of the BH-28L ball head.

3.3 Detachable Monopod Conversion

One of the tripod legs can be detached and combined with the center column to form a monopod. This provides flexibility for shooting in confined spaces or when quick mobility is required.

1. **Detach Leg:** Unscrew the designated leg (usually marked) from the tripod chassis.
2. **Remove Center Column:** Unscrew the center column from the tripod chassis.
3. **Assemble Monopod:** Attach the detached leg to the bottom of the center column. The ball head can then be attached to the top of this assembly.



Figure 4: Detachable monopod in use.

4. Operating

4.1 Transverse Center Column for Overhead and Low-Angle Shooting

The central column can be easily converted to a horizontal position, allowing for overhead shots, flat lays, and other creative angles.

1. **Release Column:** Loosen the locking knob at the base of the center column.
2. **Extend and Tilt:** Pull the center column upwards and then tilt it 90 degrees to the horizontal position.
3. **Adjust Length and Rotation:** The horizontal column can be extended and rotated 360 degrees for precise positioning. Secure all locking knobs once the desired position is achieved.



Figure 5: Transverse center column in horizontal position.



Figure 6: Steps for horizontal column adjustment.

4.2 Inverted Shooting

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

1. **Remove Center Column:** Unscrew the center column from the tripod chassis.
2. **Invert and Reattach:** Flip the center column upside down and reattach it to the tripod chassis. Your camera can then be mounted at the bottom of the inverted column.



Figure 7: Inverted center column for low-angle photography.

4.3 Ball Head Operation

The BH-28L ball head offers flexible camera positioning.

- **Pan Adjustment:** Loosen the panning lock knob to rotate the camera 360 degrees horizontally for panoramic shots.
- **Tilt Adjustment:** Loosen the main locking knob to tilt and swivel the camera to any desired angle. Tighten the knob to secure the position.
- **Vertical Shooting:** The ball head features a drop notch, allowing the camera to be quickly tilted 90 degrees for vertical orientation.



Figure 8: 360-degree panoramic shooting with the ball head.

4.4 Stability Hook

A hook is located at the bottom of the center column. This allows you to hang a counterweight (e.g., a camera bag or sandbag) to increase the tripod's stability, especially in windy conditions or when using heavy equipment.

5. Maintenance

- **Cleaning:** Wipe the tripod with a soft, dry cloth after each use to remove dust and dirt. For stubborn grime, use a slightly damp cloth and mild soap, then dry thoroughly.
- **Lubrication:** The center column may have a light lubricant for smooth operation. If it feels stiff over time, a small amount of silicone-based lubricant can be applied to the sliding parts. Avoid excessive lubrication.
- **Storage:** Store the tripod in its provided carry 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 to ensure safe operation.

6. Troubleshooting

- **Stiff Legs/Column:** If leg sections or the center column are stiff, ensure all locking mechanisms are fully disengaged. Clean any accumulated dirt and apply a small amount of silicone lubricant if necessary.
- **Unstable Tripod:** Ensure all leg sections are fully extended and their flip-locks are securely fastened. Verify

that the leg angle locks are engaged. For added stability, use the hook to attach a counterweight.

- **Quick Release Plate Difficult to Attach:**Ensure the quick release clamp is fully open. Align the plate correctly with the clamp's grooves before attempting to slide it in.

7. Specifications

Feature	Specification
Model Name	T255A3+BH-28L
Material	Aluminum
Maximum Height	73.23 Inches (186cm)
Minimum Height	22.4 Inches (57cm)
Folded Length	16.93 Inches (43cm)
Item Weight	4.12 lbs (1.87 kg)
Weight Limit	22.04 lbs (10 kg)
Leg Sections	5
Tripod Head Type	Ball Head (BH-28L)
Compatible Devices	Binoculars, Camcorder, Camera

8. Warranty and Support

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