

## K&F CONCEPT KF09.148

# K&F CONCEPT 75" Video Tripod Instruction Manual

Model: KF09.148 | Brand: K&F CONCEPT

## 1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your K&F CONCEPT 75" Video Tripod. Please read this manual thoroughly before operating the product and retain it for future reference. This heavy-duty video tripod is designed for professional videography and photography, offering stability, smooth movements, and broad compatibility.

## 2. SAFETY INSTRUCTIONS

- Ensure all locking mechanisms are securely fastened before mounting equipment or adjusting the tripod.
- Do not exceed the maximum load capacity of 10 kg (22 lb) to prevent damage to the tripod or attached equipment.
- Always check the stability of the tripod on uneven surfaces. Use the horseshoe-shaped foot pads for enhanced grip.
- Avoid exposing the tripod to extreme temperatures or corrosive environments.
- Keep hands and fingers clear of moving parts during adjustments to prevent pinching.

## 3. PACKAGE CONTENTS

- Video Tripod with Fluid Head (x1)
- Wrench (x4)
- Storage Bag (x1)
- Instruction Manual (x1)

## 4. PARTS IDENTIFICATION

# Professional Fluid Head



Figure 1: Professional Fluid Head Components

This image displays the various components of the fluid head, including the 1/4" and 3/8" screws, quick release plate locking knob, handle adjustment knob, mode change button, hidden Allen wrench, pitch damping knob, horizontal damping adjustment ring, horizontal locking knob, bubble level, and retractable handle.

## More details



Expansion Port



Two Section Telescopic Handle



Concealed Allen Wrench



75mm Large Ball Bowl



Trigger Fast Locking



Non-Slip Rubber Feet



Figure 2: Tripod Detailed Features

This image highlights additional features of the tripod, such as the expansion port, two-section telescopic handle, concealed Allen wrench, 75mm large ball bowl, trigger fast locking mechanism, and non-slip rubber feet.

1. **Fluid Head:** Provides smooth pan and tilt movements.
2. **Quick Release Plate:** For fast camera attachment and detachment.
3. **Telescopic Handle:** Adjustable for comfortable operation.
4. **Damping Adjustment Knobs:** Control resistance for pan and tilt.
5. **Leg Sections:** Extendable for height adjustment.
6. **Lever Locks:** Secure leg sections in place.
7. **Central Stabilization System:** Enhances tripod stability.
8. **Horseshoe-shaped Foot Pads:** Provide stability on various terrains.
9. **Bubble Level:** For precise horizontal leveling.
10. **75mm Bowl Base:** Allows for quick leveling of the fluid head.

## 5. SETUP

1. **Unfolding the Tripod:**

- Place the tripod on a flat surface.
- Release the leg lever locks on each leg.
- Extend the legs to the desired spread. The central stabilization system will help maintain even leg angles.
- Securely close all leg lever locks.

## 2. Adjusting Height:

- The tripod features multiple leg sections. Release the lever locks for each section you wish to extend.
- Extend the leg sections to achieve the desired height. The maximum height is 75 inches (191 cm).
- Firmly close the lever locks to secure the extended sections.



Figure 3: Tripod Height Adjustment

This diagram illustrates the minimum height (35.43"/90cm), height with one section unfolded (55.11"/140cm), and maximum height (75.2"/191cm) of the tripod.

## 3. Leveling the Fluid Head:

- The 75mm bowl base allows for quick leveling of the fluid head independently of the tripod legs.
- Loosen the horizontal locking knob located at the base of the fluid head.

- Adjust the fluid head until the bubble in the built-in bubble level is centered.
- Tighten the horizontal locking knob to secure the head in a level position.

#### 4. Attaching the Telescopic Handle:

- The telescopic handle can be attached to either the left or right side of the fluid head.
- Insert the handle into the designated port and tighten the handle adjustment knob until secure.
- The handle's length can be adjusted by twisting its sections.

## 6. OPERATING THE TRIPOD

### 1. Mounting Your Camera:

- Ensure the quick release plate is detached from the fluid head.
- Attach your camera to the quick release plate using the appropriate 1/4" or 3/8" screw. Tighten securely.
- Align the quick release plate with the fluid head's receiver. Press the plate release button and slide the plate into the receiver until it clicks into place.
- Engage the quick release plate locking knob to ensure the camera is firmly secured.
- The quick release plate base is compatible with DJI RS2/RS3/RS4 and Manfrotto gimbal mounts, allowing for quick switching between devices.

## Quick Disassembly

Quick Install and release, tap to release quick release plate

**Press to Install  
One Click Release**



Figure 4: Quick Release Plate Operation

This image demonstrates the quick installation and release mechanism of the quick release plate, highlighting the press-to-install and one-click release features.

## Dual Mode Quick Release Plate Base

Compatible with DJI RS2/RS3/RS4 and Manfrotto's two sizes of quick release plate gimbal mounts for quick switching between different devices.



Figure 5: Dual Mode Quick Release Plate Compatibility

This diagram illustrates the quick release plate's compatibility with both DJI RS2/RS3/RS4 and Manfrotto gimbal mounts, enabling seamless transitions between different camera setups.

### 2. Adjusting Damping for Pan and Tilt:

- **Horizontal Damping:** Use the horizontal damping adjustment ring at the base of the fluid head to control the resistance of panoramic (left-right) movements. Turn clockwise for more resistance, counter-clockwise for less.
- **Vertical Damping:** Use the pitch damping knob on the side of the fluid head to control the resistance of tilt (up-down) movements. Turn clockwise for more resistance, counter-clockwise for less.
- The infinite damping adjustment technology allows for precise control, ensuring smooth and controlled camera movements.



Figure 6: Adjustable Damping and Shooting Angles

This image demonstrates the adjustable damping design for both panoramic 360° shooting and vertical pitch angles from +90° to -75°.

### 3. Pan and Tilt Movements:

- Once damping is set, use the telescopic handle to smoothly pan the camera 360 degrees horizontally or tilt it from +90 degrees to -75 degrees vertically.

Your browser does not support the video tag.

*Video 1: K&F Concept Video Tripod VA3+BV20 Overview*

This video provides a comprehensive overview of the K&F Concept VA3+BV20 Video Tripod, demonstrating its adjustable fluid head for smooth shooting, tilt capabilities, detachable handle, load capacity, quick release plate, and adjustable height features.

## 7. MAINTENANCE

- Cleaning:** Use a soft, dry cloth to clean the tripod. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Avoid harsh chemicals or abrasive materials.
- Lubrication:** The fluid head is factory-lubricated. Do not attempt to disassemble or lubricate internal components unless instructed by K&F CONCEPT support.
- Storage:** Store the tripod in its provided storage bag in a cool, dry place, away from direct sunlight and extreme temperatures.

- **Allen Wrenches:** The multi-function hidden hex wrench can be used for minor adjustments to ensure optimal performance.

## 8. TROUBLESHOOTING

- **Problem:** Tripod feels unstable.  
**Solution:** Ensure all leg sections are fully extended and their lever locks are securely closed. Verify the central stabilization system is properly engaged. Check that the horseshoe-shaped foot pads are making full contact with the ground.
- **Problem:** Pan or tilt movements are not smooth.  
**Solution:** Adjust the horizontal and vertical damping knobs. Experiment with different settings to find the optimal resistance for your equipment and desired movement speed. Ensure the fluid head's leveling knob is not overtightened, restricting movement.
- **Problem:** Camera is not securely attached to the fluid head.  
**Solution:** Ensure the quick release plate is correctly seated in the fluid head receiver and the quick release plate locking knob is fully tightened. Verify that the camera is securely attached to the quick release plate.

## 9. SPECIFICATIONS

### Video Tripod VA3+BV60

Head type	Fluid Head
Tilt Angle	+90 ° -75 °
Rotation angle	360° panoramic shooting
Load capacity	22.04 lbs / 10kg
Base Diameter	75mm
Head Attachment	1/4" and 3/8"
Maximum Height	75 in/ 191cm
Minimum Height	35 in/ 90cm
Storage Length	38.19in/ 97cm
Number of leg sections	3
Maximum Tube Diameter	18mm
Net weight	10.14 lbs / 4.55kg
Leg locking structure	Trigger
Material	Aluminium alloy
QR Plate compatibility	DJI RS2 RS3 RS4/ Manfrotto 501PL 504PL



Figure 7: Product Specifications

This image presents a table detailing the tripod's specifications, including head type, tilt angle, rotation angle, load capacity, base diameter, head attachment, maximum height, minimum height, storage length, number of leg sections, maximum tube diameter, net weight, leg locking structure, material, and QR plate compatibility.

Feature	Specification
Model Name	VA3+BV60
Head Type	Fluid Head
Maximum Height	191 Centimeters (75 inches)
Minimum Height	90 Centimeters (35.43 inches)
Weight Limit	10 Kilograms (22 lb)
Item Weight	4.5 Kilograms (9.9 pounds)
Material	Aluminum
Compatible Devices	Camera (DSLR, Camcorder)
QR Plate Compatibility	DJI RS2/RS3/RS4, Manfrotto 501PL

## 10. WARRANTY AND SUPPORT

K&F CONCEPT products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the contact information provided on the official K&F CONCEPT website or your purchase documentation. Please have your model number (KF09.148) and purchase date available when contacting support.