

K&F CONCEPT KF31.254

K&F Concept 32" Horizontal Tripod Extension Arm Instruction Manual

Model: KF31.254

INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your K&F Concept 32" Horizontal Tripod Extension Arm. This aluminum alloy 2-section detachable center column is designed for overhead, macro, and low-angle photography, offering 360° horizontal rotation and 180° vertical tilt. Please read this manual thoroughly before use to ensure proper setup and operation.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Horizontal Center Column (Main Unit)
- Detachable Extender Rod
- 360° Panoramic Base
- 1/4"-3/8" Screw Adapter
- Wrenches (for assembly/adjustment)
- Storage Bag
- Anti-slip Hook

Adjustable Extension Distance

When installing the extension pole, you need to adjust the alignment manually (unlike round tubes)

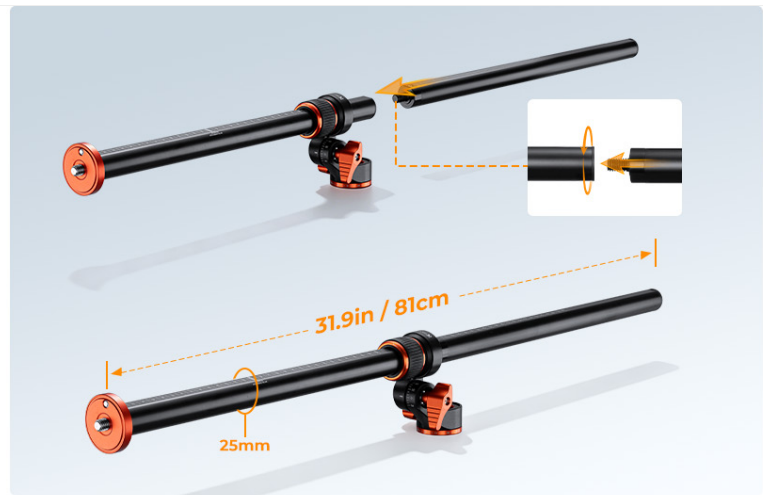


Image: All components included in the K&F Concept Tripod Extension Arm package, laid out next to the storage bag and box.

SETUP AND ASSEMBLY

1. **Attach the Panoramic Base:** Secure the 360° panoramic base to your tripod's center column using its 3/8" threaded hole. Ensure it is tightened firmly.
2. **Insert the Horizontal Column:** Slide the main horizontal column into the panoramic base. The D-shaped tube design helps prevent rotation.
3. **Secure the Column:** Use the ergonomic rubberized knob on the panoramic base to lock the horizontal column in place.
4. **Extend the Arm (Optional):** If additional length is required, remove the plastic cap from the end of the main horizontal column to reveal the 3/8" thread. Screw the detachable extender rod onto this thread. Ensure the flat sides of both sections align for a secure fit.

Adjustable Extension Distance

When installing the extension pole, you need to adjust the alignment manually (unlike round tubes)



Image: Illustration showing how to attach the detachable extender rod to achieve a total length of 31.9 inches (81 cm).

5. **Mount Your Camera/Ball Head:** The top of the horizontal column features a 3/8" screw. Attach your camera directly or a ball head/fluid head. If your equipment requires a 1/4" screw, use the included 1/4"-3/8" screw adapter.

Universal Compatibility



Image: Close-up view of the 3/8" screw and the included 1/4" adapter screw for broad compatibility with various camera equipment.

- 6. Counterweight (Crucial for Stability):** When the extension arm is extended beyond 15.7 inches (40 cm) or used with heavier equipment, it is essential to attach counterweights. Use the included anti-slip hook to hang a counterweight (e.g., a bag of sand, water bottle) on the tripod's center column or the rear of the extension arm to prevent tipping and ensure stability.

Solid & Secure

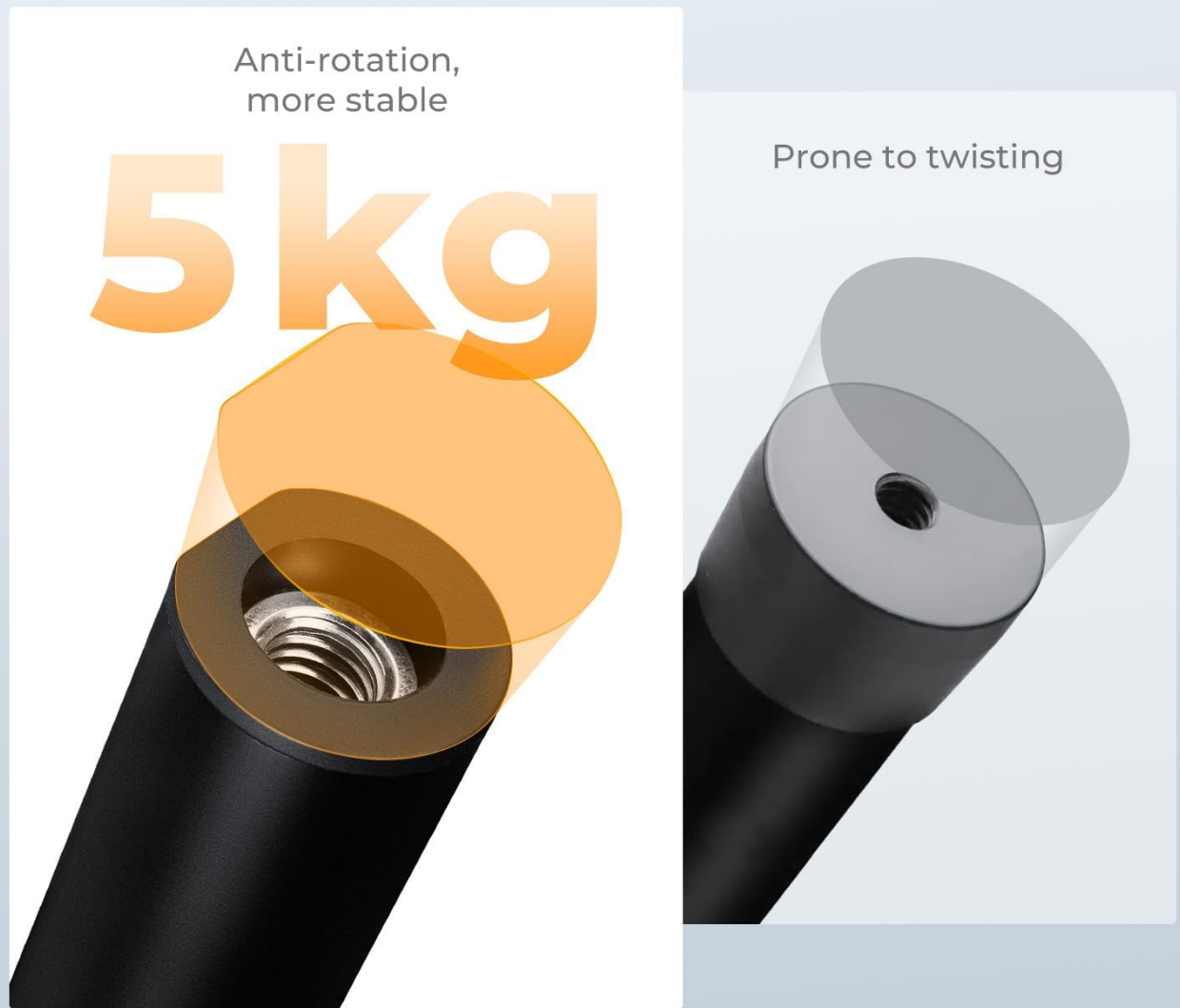


Image: Diagram illustrating the D-shaped tube design for anti-rotation and stability, highlighting a 5kg load capacity when properly balanced.

OPERATING INSTRUCTIONS

The K&F Concept Horizontal Tripod Extension Arm offers flexible positioning for various photographic needs.

- **Horizontal Rotation (360°):** Loosen the knob on the panoramic base to rotate the entire horizontal arm 360 degrees. This allows for panoramic shots or precise positioning without moving the tripod. Tighten the knob firmly once the desired angle is achieved.
- **Vertical Tilt (180°):** The arm can be tilted 180 degrees (90 degrees up and 90 degrees down) relative to the horizontal plane. Loosen the tilt adjustment knob on the panoramic base, adjust the angle, and then re-tighten the knob securely. Note that loosening this knob may also allow for slight rotation if not held steady.
- **Extension Length Adjustment:** To adjust the length of the horizontal arm, loosen the locking knob on the main column, slide the inner tube to the desired length, and then re-tighten the knob. The built-in length scales assist in precise adjustments and replication.
- **Stable Shooting:** Always ensure all knobs are securely tightened before leaving your camera unattended. For optimal stability, especially with heavier cameras or when the arm is fully extended, utilize the anti-slip hook with a

counterweight.

Tripod Extension Arm

360° Horizontal panoramic rotation
Fast up and down adjustment



Image: Diagram illustrating the 360° horizontal rotation and 180° vertical tilt capabilities of the extension arm, with examples of various camera positions.

Stable Shooting at Any Angle



Image: Examples of stable shooting configurations, including overhead food photography, product photography, and outdoor low-angle shots.

MAINTENANCE

Proper maintenance will extend the lifespan of your extension arm.

- **Cleaning:** Wipe the aluminum alloy surfaces with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth and mild soap, then dry thoroughly. Avoid abrasive cleaners or solvents.
- **Storage:** Store the extension arm in its included storage bag in a dry, cool place away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically check all screws and knobs for tightness. Ensure the D-shaped tube slides smoothly without excessive play.

TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Arm is unstable or tips over.	Insufficient counterweight; tripod not sturdy enough; knobs not tightened.	Ensure a suitable counterweight is attached using the anti-slip hook, especially when extended or with heavy equipment. Use a sturdy tripod. Verify all locking knobs are fully tightened.
Arm rotates or tilts unexpectedly.	Locking knobs are not sufficiently tightened.	Firmly tighten the rotation and tilt locking knobs after adjusting the position. Ensure the D-shaped tube is correctly seated.
Difficulty extending or retracting the arm.	Locking knob is too tight; dirt or debris in the sliding mechanism.	Loosen the extension locking knob completely. Clean the sliding surfaces if necessary. Do not force the mechanism.
Small parts missing or difficult to assemble.	Components may have shifted during transit.	Carefully check the packaging and storage bag for all small components like the 1/4"-3/8" adapter and wrenches. Refer to the "Package Contents" section.

SPECIFICATIONS

Feature	Detail
Model Number	KF31.254
Material	Aluminum Alloy
Tube Diameter	25mm (D-shaped)
Max Load Capacity	11 lbs (5 kg)
Folded Length	16.5 inches (42 cm)
Extended Length	31.9 inches (81 cm)
Horizontal Rotation	360°
Vertical Tilt	180°
Mounting Screws	Top: 3/8" (with 1/4" adapter included); Bottom: 3/8"
Item Weight	1.04 lbs (0.47 kg) (including extension rod)

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.
Manufacturer: Shenzhen Zhuo Er Photographic Equipment Co.,Ltd

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question