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## NEEWER TP-AAM521

# NEEWER TP-AAM521 Portable Desktop Mini Tripod Instruction Manual

Model: TP-AAM521

## 1. INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, and maintenance of your NEEWER TP-AAM521 Portable Desktop Mini Tripod. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

## 2. PRODUCT OVERVIEW

The NEEWER TP-AAM521 is a compact and durable aluminum alloy tripod designed for DSLR cameras, video camcorders, and other compatible devices. It features a 360-degree swivel ball head and adjustable legs for versatile shooting angles.



Figure 2.1: NEEWER TP-AAM521 Mini Tripod with a DSLR camera mounted, showcasing its compact size and portability when folded.

### 3. COMPONENTS

Familiarize yourself with the main components of your tripod:

## PRODUCT DETAILS



Figure 3.1: Detailed view of the tripod's components, including the QR Plate, QR Plate Lock Knob, Aluminum Ball Head, Ball Head Lock Knob, Angle Adjustment Knob, 3/8 Screw, 1/4 Thread, Center Column Lock Knob, and Height Adjustable Foot.

- **Quick Release (QR) Plate:** For attaching your camera.
- **QR Plate Lock Knob:** Secures the QR plate to the ball head.
- **Aluminum Ball Head:** Allows for 360-degree rotation and tilting.
- **Ball Head Lock Knob:** Secures the ball head in position.
- **Angle Adjustment Knob:** Adjusts the leg angles.
- **Center Column Lock Knob:** Locks the telescopic center column.
- **Height Adjustable Foot:** Extends the leg sections.
- **1/4 inch Mounting Screw:** Standard screw for camera attachment.
- **3/8 inch Bottom Thread:** For mounting accessories or other tripod heads.

## 4. SETUP INSTRUCTIONS

## 4.1 Unfolding the Tripod

To unfold the tripod, grasp the legs and extend them outwards until they click into one of the three available angle positions. The legs can be adjusted independently.

### EFFORTLESS HEIGHT ADJUSTMENT

5 section leg tubes for 6.7"/17cm to 19.7"/50cm adjustable height.

#### Telescopic Center Column

Can be raised an additional 3.9"/10cm for overhead shots.



Figure 4.1: Illustration of the three adjustable leg angles: Low Angle (81°), Middle Angle (50°), and Normal Angle (21°).

## 4.2 Adjusting Leg Height

Each leg features 5 sections for height adjustment. To extend a leg section:

1. Twist the Height Adjustable Foot counter-clockwise to unlock the section.
2. Pull the leg section outwards to the desired length.
3. Twist the Height Adjustable Foot clockwise to lock the section securely.

The tripod's height can be adjusted from 6.7 inches (17 cm) to 19.7 inches (50 cm).

## EFFORTLESS HEIGHT ADJUSTMENT

The 5 section leg tubes allow for adjustable heights from 6.7"/17cm to 19.7"/50cm.

Max. 50 cm/19.7"

26 cm/10.2"

18 cm/7.1"

16.5 cm/6.5"



### Extendable Center Column

Can be raised an additional 3.9"/10cm for overhead shots.



## TELESCOPIC CENTER COLUMN

Can be raised an additional 3.9"/10cm for overhead shots.



Figure 4.2: Visual guide for extending and locking the 5-section leg tubes, demonstrating height adjustments from 6.7 inches to 19.7 inches.

### 4.3 Extending the Center Column

The telescopic center column can be raised an additional 3.9 inches (10 cm) for overhead shots or increased height. To extend:

1. Loosen the Center Column Lock Knob.
2. Pull the center column upwards to the desired height.
3. Tighten the Center Column Lock Knob to secure it.

### 4.4 Attaching Your Camera

1. Ensure the QR Plate is securely attached to your camera's 1/4 inch tripod socket.
2. Loosen the QR Plate Lock Knob on the tripod's ball head.
3. Slide the QR Plate with your camera into the receiver on the ball head.
4. Tighten the QR Plate Lock Knob to firmly secure your camera.

## 5. OPERATING INSTRUCTIONS

### 5.1 Adjusting Ball Head Angle

The 360-degree swivel ball head allows for flexible positioning of your camera:

1. Loosen the Ball Head Lock Knob.
2. Adjust your camera to the desired angle (pan, tilt, or rotate).
3. Tighten the Ball Head Lock Knob to secure the camera in place.



Figure 5.1: Demonstrates the 360-degree panoramic capabilities and the ability to switch between horizontal and vertical shooting orientations.

### 5.2 Low Angle Shooting (Inverted Center Column)

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

1. Unscrew the hook at the bottom of the center column and remove the center column.
2. Re-insert the center column upside down and tighten the Center Column Lock Knob.
3. Install your camera onto the inverted center column and re-attach the hook if desired.

## INVERTED CENTER COLUMN

For low angle shooting



1. Unscrew the hook and remove the center column.



2. Install the center column upside down and tighten it.



3. Install the camera and tighten the hook.

Figure 5.2: Step-by-step guide for inverting the center column to achieve low-angle photography.

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your tripod, follow these maintenance guidelines:

- **Cleaning:** Wipe down the tripod with a soft, dry cloth after each use to remove dust, dirt, or moisture. For stubborn grime, use a slightly damp cloth and mild soap, then dry thoroughly.
- **Lubrication:** Periodically check the moving parts, such as the ball head and leg locks, for smooth operation. If necessary, apply a small amount of silicone-based lubricant. Avoid oil-based lubricants as they can attract dust.
- **Storage:** Store the tripod in a dry, cool place away from direct sunlight and extreme temperatures. Use the provided carrying bag to protect it from scratches and impacts.
- **Inspection:** Regularly inspect all screws, knobs, and joints for tightness. Tighten any loose components to prevent accidental damage to your equipment.

## 7. TROUBLESHOOTING

If you encounter any issues with your tripod, consider the following common solutions:

- **Camera Wobbles:** Ensure the QR Plate is fully seated and the QR Plate Lock Knob is tightened. Check that the Ball Head Lock Knob is also secure.
- **Legs Not Locking:** Verify that the Height Adjustable Foot is twisted clockwise until snug. Ensure no debris is obstructing the leg sections.
- **Ball Head Stiff:** Loosen the Ball Head Lock Knob completely and gently move the ball head to free it. If still stiff, a small amount of lubricant may be needed (refer to Maintenance section).
- **Tripod Instability:** Ensure all three legs are fully extended and locked, and the Angle Adjustment Knobs are set to a stable position. Avoid exceeding the maximum load capacity.

If problems persist, please contact NEEWER customer support.

## 8. SPECIFICATIONS

Feature	Detail
Material	Aluminum Alloy
Color	Black+Red
Load Capacity	11 lbs / 5 kg
Maximum Height	19.7 inches / 50 cm
Standard Screw	1/4 inch
Net Weight	24.7 oz / 700 g
Product Dimensions	6.89 x 3.94 x 3.94 inches (folded)
Tripod Head Type	Ball Head (360-degree swivel)

## 9. WARRANTY AND SUPPORT

NEEWER products are designed for quality and reliability. For warranty information, product support, or service inquiries, please refer to the official NEEWER website or contact their customer service directly. Keep your purchase receipt for warranty claims.

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