

Andoer TP-65

Andoer TP-65 Aluminum Alloy Fluid Head Instruction Manual

Model: TP-65

INTRODUCTION

Thank you for choosing the Andoer TP-65 Aluminum Alloy Fluid Head. This professional fluid head is designed to provide smooth and precise camera movements for both photography and video recording. Constructed from durable aluminum alloy with an anodized finish, it offers a maximum load capacity of 15 kg (33 lbs). Key features include 360° panoramic rotation, a tilt range of +90° to -75°, and a retractable pan bar handle for enhanced control. This manual will guide you through the setup, operation, and maintenance of your fluid head to ensure optimal performance.

PRODUCT COMPONENTS

Familiarize yourself with the various parts of your Andoer TP-65 Fluid Head:

- **QR Plate (Quick Release Plate):** For attaching your camera.
- **QR Plate Locking Knob:** Secures the quick release plate.
- **Safety Lock:** Prevents accidental release of the QR plate.
- **Tilt Control Locking Knob:** Adjusts and locks the vertical tilt angle.
- **Pan Bar Handle:** Provides leverage for smooth panning and tilting.
- **Handle Locking Knob:** Secures the pan bar handle position.
- **Pan Bar Handle Screw Mount:** Point for attaching the pan bar handle.
- **Pan Locking Knob:** Locks the horizontal panning movement.
- **Bubble Level:** Helps ensure your setup is perfectly horizontal.
- **3/8" Screw Hole:** Located at the base for mounting on tripods or sliders.
- **1/4" and 3/8" Screws:** On the quick release plate for camera attachment.



Image: Labeled diagram showing the Quick Release Plate, Safety Lock, Tilt Control Locking Knob, Pan Bar Handle, Handle Locking Knob, Pan Locking Knob, Pan Bar Handle Screw Mount, and Bubble Level.



Image: Front and back views of the quick release plate, highlighting the camera mounting screws.

SETUP INSTRUCTIONS

1. Attaching the Fluid Head to a Tripod or Slider

1. Ensure your tripod or slider has a 3/8" mounting screw.
2. Align the 3/8" screw hole at the base of the fluid head with the mounting screw on your tripod/slider.

3. Rotate the fluid head clockwise until it is securely fastened. Do not overtighten.



Image: The Andoer TP-65 Fluid Head shown mounted on both a tripod and a monopod, illustrating its compatibility.



Image: Close-up view of the fluid head's base, indicating the 3/8" screw hole for tripod mounting, and the 1/4" and 3/8" screws on the quick release plate for camera attachment.

2. Attaching the Camera to the Quick Release Plate

1. Remove the quick release plate from the fluid head by loosening the QR Plate Locking Knob and pressing the Safety Lock.
2. Attach your camera to the quick release plate using either the 1/4" or 3/8" screw, depending on your camera's mounting thread. Ensure it is tightened securely.
3. Slide the quick release plate with the attached camera back into the fluid head. Ensure the Safety Lock engages and then tighten the QR Plate Locking Knob firmly.

OPERATING INSTRUCTIONS

1. Adjusting Pan and Tilt

- **Panning (Horizontal Movement):** Loosen the Pan Locking Knob to allow 360° horizontal rotation. Tighten it to lock the head in position.
- **Tilting (Vertical Movement):** Loosen the Tilt Control Locking Knob. Use the Pan Bar Handle to adjust the vertical angle from +90° to -75°. Tighten the knob to secure the desired tilt angle.

2. Using the Pan Bar Handle

The pan bar handle is retractable, allowing for adjustable length from 33cm to 51cm for comfortable operation. Loosen the Handle Locking Knob to extend or retract the handle, then tighten to secure its length.



Image: The pan bar handle of the Andoer TP-65 Fluid Head, demonstrating its adjustable length from 33cm to 51cm.

3. Quick Release Plate Sliding Range

The quick release plate offers a horizontal sliding range of 50mm. This allows for fine-tuning of the camera's balance on the fluid head without detaching it. Ensure the safety lock is engaged when sliding the plate.

4. Using the Bubble Level

The integrated bubble level helps you achieve a perfectly horizontal setup, which is crucial for accurate panoramic shots and level video footage. Adjust your tripod legs until the bubble is centered within the level indicator.

MAINTENANCE

- **Cleaning:** Wipe the fluid head with a soft, dry cloth after each use to remove dust and dirt. For stubborn grime, use a slightly damp cloth and then dry thoroughly.
- **Lubrication:** The fluid damping system is sealed and does not require user lubrication. Do not attempt to disassemble the fluid head.
- **Storage:** Store the fluid head in a dry, cool place, away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically check all screws and knobs to ensure they are tight. Do not overtighten.

TROUBLESHOOTING

- **Head feels stiff or jerky:** Ensure all locking knobs (pan and tilt) are sufficiently loosened. If the issue persists, the fluid damping system may be affected by extreme cold; allow it to warm up.

- **Camera not secure:** Verify that the quick release plate is correctly seated, the safety lock is engaged, and the QR Plate Locking Knob is fully tightened. Also, ensure the camera is securely attached to the quick release plate.
- **Head wobbles on tripod:** Check that the fluid head is securely fastened to the tripod's 3/8" mounting screw. Also, inspect your tripod for any loose components.

SPECIFICATIONS

Brand	Andoer
Model	TP-65
Type	Fluid Head
Material	Aluminum Alloy
Max Load Capacity	15 kg / 33 lbs
Loaded Area	123mm * 80mm (L * W)
Quick Release Plate Size	120mm * 49mm (L * W)
Fluid Head Height	100mm
Item Weight	1204g / 42.5 oz
Pan Range	360°
Tilt Range	+90° / -75°
Pan Bar Handle Length	Adjustable from 33cm to 51cm
QR Plate Sliding Range	50mm
Tripod Mount	3/8" Screw Hole
Camera Mount	1/4" and 3/8" Screws on QR Plate
Bubble Level	Integrated

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Aluminum Alloy	Max Load 15kg	Tilt Range: +90° / -75°	Pan Range: 360°	Fixed Pitch/ Pan Damping
Tilt/Pan Control: Yes	Flat Base 60mm	With Bubble Level	33-51cm Handle Length	50mm QR Plate Sliding Range

Image: Overview of the Andoer TP-65 Fluid Head, highlighting key specifications such as material, max load, tilt range, pan range, handle length, and QR plate sliding range.

WARRANTY INFORMATION

Warranty information for the Andoer TP-65 Fluid Head is not specified in the provided product details. Please refer to the retailer or manufacturer's official website for specific warranty terms and conditions.

CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding your Andoer TP-65 Fluid Head, please contact Andoer customer service through their official website or the retailer from whom you purchased the product. Specific contact details are not provided in the product information.