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miliboo MTT602II-AL

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Heavy-Duty Aluminum Tripod with Hydraulic Head

1. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before using the miliboo MTT602II-AL tripod. Retain this manual for future reference.

- Always ensure all locks and levers are securely fastened before mounting equipment or adjusting the tripod.
- Do not exceed the maximum load capacity of 22 pounds (10 kg). Overloading can cause instability and damage to equipment.
- Avoid exposing the tripod to extreme temperatures, direct sunlight for prolonged periods, or corrosive substances.
- Keep hands and fingers clear of moving parts, especially when extending or folding the legs, to prevent pinching.
- When transporting the tripod with a camera mounted, ensure the camera is securely attached and all head movements are locked. For long-distance transport, it is recommended to remove the camera.
- Use the included carrying case for safe storage and transport to protect the tripod from damage.

2. PACKAGE CONTENTS

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

- Tripod Body
- MYT802 II Fluid Head
- Quick Release Plate
- Handle
- Carrying Case
- 1/4-inch Screw
- 3/8-inch Screw
- Mini Wrench (3 pieces)
- User Manual



Packing list:

- | | |
|------------------|-----------------|
| 1 * Tripod | 1 * 1/4" screw |
| 1 * Carrying bag | 1 * 3/8" screw |
| 1 * QR board | 3 * Mini Wrench |
| 1 * Handle | 1 * User manual |



Figure 2.1: Included components of the miliboo MTT602II-AL package.

3. PRODUCT OVERVIEW

The miliboo MTT602II-AL is a professional heavy-duty aluminum tripod designed for stable video and photography support. It features a robust construction and a smooth hydraulic head for precise

camera movements.



Figure 3.1: Overview of the miliboo MTT602II-AL tripod.

Key Features:

- **Professional Stability:** Heavy-duty aluminum construction with 14-20mm diameter tubing and 1.2mm wall thickness. Extends from 33.1 inches to 76.4 inches for versatile shooting angles, supporting up to 22 pounds (10 kg).
- **Smooth Hydraulic Head (MYT802 II):** Features precision steel bearings and anti-freeze shock-absorbing fluid. Offers 360° horizontal rotation and a +90° to -75° tilt range for dynamic balancing.
- **Multi-functional Compatibility:** Universal 1/4-inch and 3/8-inch threaded mounts accommodate DSLRs, camcorders, projectors, telescopes, and binoculars. Includes a quick-release plate with a safety lock.
- **User-friendly Design:** Built-in spirit level for accurate leveling, switchable left/right handles, and a red trigger lock with anti-pinch safety. A center spreader enhances stability.



Figure 3.2: Close-up of the MYT802 II Hydraulic Head.

4. SETUP

4.1 Unpacking and Initial Assembly

1. Carefully remove all components from the carrying case.
2. Place the tripod body on a flat, stable surface.
3. Release the leg locks (red buckles) on each leg to allow them to extend.
4. Extend the legs to the desired height. The tripod features a three-section height adjustment.
5. Engage the center spreader by pressing down on the central mechanism until it locks into place, ensuring the legs are evenly spread for maximum stability.

Flexible Angle Adjustments

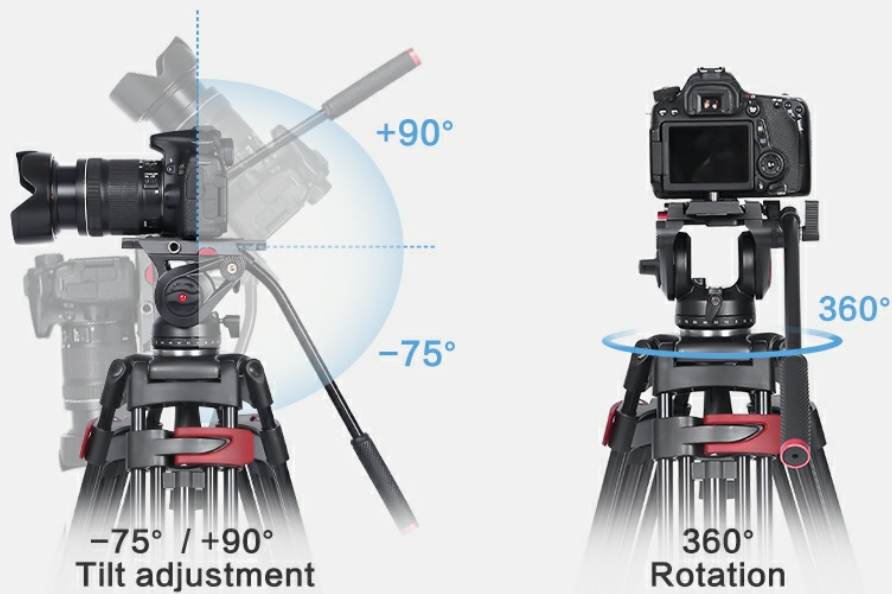


Figure 4.1: Tripod height adjustment from 33 inches to 75 inches.

4.2 Attaching the Fluid Head

The MYT802 II fluid head comes pre-attached to the tripod body. If it needs to be re-attached or removed:

1. Ensure the tripod base is stable.
2. Align the base of the fluid head with the tripod's mounting platform.
3. Secure the head by tightening the locking knob located beneath the head until it is firmly in place.

4.3 Mounting Your Camera

The quick-release plate supports both 1/4-inch and 3/8-inch screws for wide compatibility.

1. Locate the quick-release plate on the fluid head.
2. Press the red safety lock button and slide the quick-release plate out of the head.
3. Attach the quick-release plate to the bottom of your camera or compatible device using the appropriate 1/4-inch or 3/8-inch screw. Ensure it is tightened securely.
4. Slide the camera with the attached quick-release plate back into the fluid head until it clicks into place. Verify the safety lock is engaged.

Wide Compatibility

Designed with 1/4" and 3/8" screws to fit most photography gear.



Figure 4.2: Quick Release Plate and Compatibility.

5. OPERATING INSTRUCTIONS

5.1 Adjusting Tripod Height and Stability

1. To adjust the height, release the red buckle leg locks on each leg section.
2. Extend or retract the leg sections to the desired height.
3. Securely fasten all leg locks to ensure stability before use.
4. For uneven terrain, adjust each leg independently to level the tripod. Use the built-in spirit level on the fluid head for precise leveling.

5.2 Using the Fluid Head (Pan and Tilt)

The MYT802 II hydraulic head allows for smooth and controlled camera movements.

1. **Tilt Adjustment:** Loosen the tilt lock knob on the side of the fluid head. Adjust the camera to the desired vertical angle (from +90° to -75°). Tighten the tilt lock knob to secure the position.
2. **Pan Adjustment:** Loosen the pan lock knob at the base of the fluid head. Rotate the camera horizontally to the desired angle (360°). Tighten the pan lock knob to secure the position.
3. The handle can be attached to either side of the fluid head for comfortable operation.



Figure 5.1: Fluid head panning and tilting range.

5.3 Official Product Video

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Video 5.1: This video demonstrates the key features and operational aspects of the miliboo MTT602II-AL Professional Video Tripod, including its setup, fluid head movements, and quick-release plate functionality. It highlights the tripod's stability and ease of use for professional photography and videography.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your miliboo MTT602II-AL tripod.

- **Cleaning:** Wipe down 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. Avoid harsh chemicals or abrasive cleaners.
- **Lubrication:** The hydraulic head is factory-lubricated. Do not attempt to disassemble or lubricate the internal components of the fluid head yourself, as this may void the warranty.

- **Storage:** Store the tripod in its carrying case in a cool, dry place away from direct sunlight and extreme temperatures. Ensure all locks are disengaged or loosely engaged during storage to prevent stress on the mechanisms.
- **Inspection:** Periodically check all screws, bolts, and moving parts for tightness. Tighten any loose fasteners with the provided mini wrench.

7. TROUBLESHOOTING

If you encounter issues with your tripod, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Tripod is unstable or wobbly.	Leg locks not fully engaged; center spreader not locked; uneven ground; overloaded.	Ensure all leg locks are securely fastened. Verify the center spreader is fully engaged. Adjust leg lengths to level the tripod on uneven surfaces. Check that the mounted equipment does not exceed the 22-pound (10 kg) weight limit.
Fluid head movements are not smooth.	Pan/tilt lock knobs are too tight; debris in the head mechanism.	Loosen the pan and tilt lock knobs slightly. Clean the exterior of the head. If the issue persists, contact customer support. Do not attempt to disassemble the head.
Camera cannot be mounted or removed from the quick-release plate.	Quick-release plate not properly aligned; safety lock engaged; plate screw loose.	Ensure the quick-release plate is correctly aligned with the slot on the fluid head. Press the red safety lock button while inserting or removing the plate. Verify the camera is securely attached to the quick-release plate.
Leg sections slide down after adjustment.	Leg locks are not tightened sufficiently.	Ensure all red buckle leg locks are firmly closed after adjusting the leg height.

8. SPECIFICATIONS

Detailed technical specifications for the miliboo MTT602II-AL Professional Camera Tripod:

- **Brand:** miliboo
- **Model Name:** MTT602II-AL
- **Material:** Aluminum
- **Color:** Black
- **Item Weight:** 4.2 Kilograms (9.26 lbs)
- **Weight Limit:** 22 Pounds (10 kg)

- **Maximum Height:** 195 Centimeters (76.4 inches)
- **Minimum Height:** 84 Centimeters (33.1 inches)
- **Folded Size:** 7.3"D x 7.3"W x 35.9"H
- **Tripod Head Type:** Fluid Head (MYT802 II)
- **Leg Diameter:** 14-20 Millimeters
- **Number of Leg Sections:** 3
- **Compatible Devices:** Camcorder, Camera (DSLRs, MILC, Telephoto SLR, Home DV)
- **Pan Range:** 360°
- **Tilt Range:** +90° to -75°
- **Mounting Screws:** 1/4-inch and 3/8-inch
- **Water Resistance Level:** Not Water Resistant



**HIGHER LOAD
CAPACITY**

Aluminum Alloy Material

Using quality aluminum alloy, tripod has a stronger load-bearing capacity, a good stabilization of the camera

KG

**Load:
22 LB**

Figure 8.1: Tripod demonstrating its 22-pound load capacity.

9. WARRANTY AND SUPPORT

9.1 Manufacturer's Warranty

The miliboo MTT602II-AL Professional Camera Tripod comes with a **2-year manufacturer warranty** from shanghai Tekcare industrial Ltd. This warranty covers defects in materials and workmanship under normal use.

Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact miliboo customer support. Our team is available to provide support and resolve any issues you may encounter.

- **Online Support:** Visit the official miliboo website for FAQs and support resources.
- **Email Support:** Refer to your product packaging or the official website for the dedicated support email address.
- **Response Time:** Expect a response within 24 hours for inquiries.