

Benro TMA37AL

Benro Mach3 3 Series Aluminum Tripod (TMA37AL)

INSTRUCTION MANUAL

1. Introduction

This manual provides comprehensive instructions for the safe and effective use of your Benro Mach3 3 Series Aluminum Tripod, model TMA37AL. Designed for photographers seeking stable and reliable camera support, this tripod combines robust aluminum construction with practical features for various shooting environments. Please read this manual thoroughly before operating the tripod to ensure proper setup, operation, and maintenance.

2. Important Safety Information

- Always ensure all leg locks and adjustments are securely tightened before mounting equipment.
- Do not exceed the maximum weight capacity of 35.3 lbs (16 kg) for this tripod. Overloading can cause instability and damage.
- Avoid placing the tripod on uneven or unstable surfaces.
- Be cautious when extending or collapsing the legs to prevent pinching fingers.
- Do not leave the tripod unattended with heavy equipment mounted, especially in windy conditions.
- Keep the tripod away from extreme temperatures, corrosive materials, and excessive moisture.

3. Package Contents

Verify that all items are present in the package:

- Benro TMA37AL Mach3 Aluminum Series 3 Long Tripod
- Rubber Feet (pre-installed)
- Stainless Steel Spiked Feet (interchangeable)

- Short Center Column
- Carry Case
- Tool Set (Allen wrench, open-end wrench)

4. Setup Guide

4.1 Unpacking

Carefully remove the tripod and all accessories from its packaging. Retain the original packaging for future storage or transport.

4.2 Attaching a Tripod Head

The TMA37AL tripod features a 3/8"-16 threaded mount on its top plate, allowing you to attach a compatible tripod head (sold separately). To attach a head:

1. Ensure the tripod's center column is fully lowered and locked.
2. Align the base of your tripod head with the 3/8"-16 screw on the tripod's mounting plate.
3. Rotate the tripod head clockwise until it is securely fastened. Some heads may have a locking screw on their base to prevent rotation; ensure this is tightened.



Image: The tripod's mounting plate, showing the 3/8\"-16 screw for attaching a tripod head.

4.3 Extending the Legs

The TMA37AL features 3-section legs with twist locks for quick and secure adjustment:

1. Rotate each twist lock counter-clockwise to loosen the leg section.
2. Extend the leg sections to your desired height.
3. Rotate each twist lock clockwise to securely fasten the leg sections. Ensure all locks are tight before

use.



Image: The Benro Mach3 tripod with its legs fully extended, demonstrating its maximum operational height.

4.4 Adjusting Leg Angles

Each leg can be independently adjusted to three different angles for stability on uneven terrain or for low-angle shooting:

1. Locate the leg angle adjustment tab at the top of each leg, near the tripod's apex.
2. Pull out the tab and move the leg to one of the predefined angle positions.

3. Release the tab to lock the leg securely in place. Repeat for other legs as needed.



Image: Detail of the leg angle adjustment mechanism, allowing for versatile positioning.

4.5 Using the Center Column

The center column provides additional height adjustment and can be reversed for low-angle or macro photography:

- **Extending:** Loosen the center column locking knob, raise the column to the desired height, and tighten the knob securely.
- **Reversing:** Fully extend the center column, then unscrew the locking collar at the base of the column. Remove the column, flip it upside down, and reinsert it into the tripod chassis. Secure the locking collar and knob. The included short center column can be used for extremely low-angle shots.





Image: The tripod with its center column extended, illustrating the additional height capability.

4.6 Changing Feet

The TMA37AL comes with interchangeable rubber and stainless steel spiked feet:

1. To change feet, unscrew the currently installed foot from the bottom of each leg.
2. Screw in the desired foot (rubber for indoor/smooth surfaces, spiked for outdoor/soft terrain) until it is firmly attached.

5. Operating Instructions

5.1 Mounting Your Camera

Once a tripod head is securely attached, follow the instructions provided with your specific tripod head to mount your camera. Always ensure the camera is balanced and securely fastened to the head before releasing your grip.

5.2 Adjusting Height and Stability

For optimal stability, extend the thickest leg sections first. Only extend the center column if additional height is absolutely necessary, as extending it reduces stability. For maximum stability, hang a weight (e.g., your camera bag) from the hook located at the bottom of the center column.

5.3 Transporting the Tripod

To transport the tripod, collapse all leg sections, lower the center column, and fold the legs upwards (if your head allows) or downwards. Place the tripod in its provided carry case for protection during travel.





Image: The Benro Mach3 tripod in its folded configuration, ready for storage or transport.

6. Maintenance

- **Cleaning:** Wipe down the tripod with a soft, damp cloth after each use, especially if used in dusty, sandy, or wet conditions. Avoid harsh chemicals.
- **Lubrication:** The leg twist locks and other moving parts are designed for smooth operation. Do not apply lubricants unless specifically instructed by Benro support.
- **Storage:** Store the tripod in a dry, cool place, preferably in its carry case, away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically check all screws, bolts, and leg locks for tightness. Use the provided tool set to tighten any loose components.

7. Troubleshooting

- **Tripod is unstable:** Ensure all leg sections are fully extended and twist locks are securely tightened. Verify leg angles are locked. Check that the center column is not over-extended. Consider hanging a weight from the center column hook.
- **Leg sections are difficult to extend/retract:** Clean the leg sections and twist locks to remove any

dirt or debris. Ensure locks are fully loosened before attempting to adjust.

- **Tripod head wobbles:** Confirm the tripod head is securely attached to the tripod's mounting plate. Check for any loose screws on the tripod head itself.

8. Specifications

Model	TMA37AL
Material	Aluminum
Sections	3
Maximum Height	70.47 inches (179 cm)
Minimum Height	16.1 inches (40.9 cm)
Folded Length	26.8 inches (68 cm)
Weight	5.2 pounds (2.36 kg)
Maximum Load Capacity	35.3 pounds (16 kg)
Leg Lock Type	Twist Lock
Head Mount Thread	3/8"-16

9. Warranty and Support

The Benro Mach3 3 Series Aluminum Tripod (TMA37AL) comes with a **Limited 3-Year Warranty**. This warranty can be extended to **5-Years** with online registration. Please visit the official Benro website for warranty registration details and terms and conditions.

For technical support, service, or warranty claims, please contact Benro customer service through their official website or authorized distributors. Keep your purchase receipt as proof of purchase.