

## Ravelli APTL3

# Ravelli APTL3 53 Lightweight Aluminum Tripod User Manual

Model: APTL3

## INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your Ravelli APTL3 53 Lightweight Aluminum Tripod. This tripod is designed to offer stable support for cameras and smartphones, featuring adjustable legs, a pan/tilt head, and a quick-release plate for ease of use.

## COMPONENTS OVERVIEW

Familiarize yourself with the main components of your Ravelli APTL3 tripod:

- **Tripod Head:** The top section where the camera or smartphone mount attaches, allowing for pan and tilt movements.
- **Quick Release Plate:** A removable plate that attaches to your device for quick mounting and dismounting.
- **Pan/Tilt Handle:** Used to control the horizontal (pan) and vertical (tilt) movement of the tripod head.
- **Center Column:** The central shaft that can be raised or lowered to adjust the tripod's height.
- **Leg Sections & Locks:** Multiple segments of each leg that extend and retract, secured by flip locks.
- **Rubber Feet:** Provide stability and prevent slipping on various surfaces.
- **Smartphone Mount:** An adapter for securing smartphones to the quick release plate.



**Figure 1:** Tripod head with quick release plate and integrated bubble level.

## SETUP

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### 1. Unfolding the Tripod

1. Place the tripod on a flat, stable surface.
2. Gently pull each leg outwards until they are fully extended or at your desired spread.
3. Ensure all leg hinges are securely locked into position.



Figure 2: Tripod with legs extended, ready for height adjustment.

## 2. Adjusting Tripod Height

1. **Leg Sections:** Unlock the flip locks on each leg section. Extend the leg sections to the desired length and firmly close the flip locks to secure them.
2. **Center Column:** To raise the center column, loosen the center column lock knob (refer to Figure 3). Extend the center column to the desired height, then tighten the lock knob to secure it. Do not over-extend the center column beyond its safety stop.



**Figure 3:** Center column adjustment mechanism. Loosen the knob to raise or lower the column.

### **3. Attaching Your Device**

1. **Remove Quick Release Plate:** Locate the quick release plate on the tripod head. Press the release lever or button and slide the plate out.
2. **Attach to Device:** Screw the quick release plate onto the bottom of your camera or attach your smartphone to the included smartphone mount, then secure the mount to the quick release plate. Ensure it is tightly fastened.
3. **Mount Device:** Slide the quick release plate with your device back into the tripod head until it clicks securely into place. Verify that the device is firmly attached before releasing your grip.



**Figure 4:** Detached quick release plate, ready for device attachment.

## OPERATING THE TRIPOD

### 1. Pan and Tilt Adjustments

The tripod head allows for smooth horizontal (pan) and vertical (tilt) movements:

- **Tilt Adjustment:** Loosen the tilt lock knob (usually located on the side of the head) to adjust the vertical angle of your device. Tighten the knob to secure the desired angle.
- **Pan Adjustment:** Loosen the pan lock knob (usually at the base of the head) to rotate your device horizontally. Tighten the knob to lock the horizontal position.
- Use the pan/tilt handle for precise control during adjustments.



Figure 5: Tripod head illustrating pan and tilt movement capabilities.

## 2. Leveling the Tripod

For perfectly level shots, use the integrated bubble level on the tripod head:

- Adjust the length of the tripod legs until the bubble in the level is centered.
- Minor adjustments can also be made using the tilt mechanism of the tripod head.

## MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your tripod:

- **Cleaning:** Wipe down aluminum and plastic parts with a soft, damp cloth. Avoid harsh chemicals or abrasive cleaners.
- **Lubrication:** Do not apply lubricants to the leg locks or moving parts unless specifically instructed by the manufacturer, as this can attract dust and debris.
- **Storage:** Store the tripod in its included carry bag (Figure 6) in a dry, cool place away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically check all screws, knobs, and leg locks to ensure they are secure. Tighten any loose components carefully.





Figure 6: The included carry bag for convenient storage and transport.

## TROUBLESHOOTING

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

- **Tripod is unstable:** Ensure all leg sections are fully extended and their flip locks are securely closed. Check that the center column lock knob is tightened. Verify the tripod is on a flat surface.
- **Head movement is stiff:** Loosen the pan and tilt lock knobs slightly. If still stiff, ensure no debris is obstructing the movement. Do not force adjustments.
- **Device not attaching securely:** Ensure the quick release plate is properly screwed onto your device and then fully inserted into the tripod head until it locks. Check for any obstructions in the quick release mechanism.
- **Smartphone mount issues:** Ensure the smartphone mount is correctly attached to the quick release plate and your phone is securely clamped within the mount.

## SPECIFICATIONS

Feature	Specification
Brand	Ravelli
Model Number	APTL3 (RAVELLILWPARENT)
Material	Aluminum, Plastic
Maximum Height	53 Inches
Minimum Height	53 Inches (when fully extended, this implies the base height)



Feature	Specification
Item Length (Folded)	Approximately 17.44 inches (based on package dimensions)
Item Weight	1.93 pounds
Compatible Devices	Smartphone (and cameras with standard tripod mount)
Special Features	Adjustable, Lightweight, Rotatable Head
Tripod Head Type	Molded Plastic Pan/Tilt Head



**Figure 7:** The Ravelli APTL3 tripod fully extended.

## WARRANTY AND SUPPORT

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For information regarding warranty coverage, technical support, or replacement parts, please refer to the documentation included with your purchase or visit the official Ravelli website. Contact details for customer service are typically available on the manufacturer's product page or within the packaging materials.