

Topeak 15700081

Topeak Micro Rocket-T alu Mini Pump Instruction Manual

1. INTRODUCTION AND OVERVIEW

The Topeak Micro Rocket-T alu is a compact and lightweight mini pump designed for efficient bicycle tire inflation. Crafted from durable aluminum, this pump is engineered for portability and reliable performance on the go. It is specifically designed for use with French (Presta) valves, offering a maximum pressure capacity of 11 bar (160 psi).



Image 1.1: The Topeak Micro Rocket-T alu mini pump. This image shows the compact, cylindrical design of the pump, highlighting its lightweight aluminum construction and ergonomic T-handle.

2. PRODUCT FEATURES

- **Type:** Mini pump
- **Weight:** 78 grams
- **Maximum Pressure:** 11 bar (160 psi)
- **Compatible Valves:** French Valve (Presta)
- **Cylinder Material:** Aluminum
- **Handle:** Aluminum T-handle with locking mechanism

3. SETUP AND INSTALLATION

The Topeak Micro Rocket-T alu mini pump includes a frame mount for convenient attachment to your bicycle. Follow these steps to install the pump mount:

1. **Identify Mounting Location:** Choose a suitable location on your bicycle frame, typically near the water

bottle cage bosses.

2. **Secure Mount:** Use the provided screws to attach the pump mount securely to the frame. Ensure the mount is oriented correctly to hold the pump.
3. **Insert Pump:** Place the Micro Rocket-T alu pump into the mount. The pump should snap or slide into place securely, ready for transport.



Image 3.1: The frame mount for the Topeak Micro Rocket-T alu pump. This image displays the black plastic bracket designed to secure the pump to a bicycle frame, featuring attachment points and a cradle for the pump body.

4. OPERATING INSTRUCTIONS

The Micro Rocket-T alu pump is designed exclusively for French (Presta) valves. Follow these steps to inflate your bicycle tire:

1. **Prepare Valve:** Unscrew the Presta valve cap. Then, unscrew the small nut at the top of the valve stem counter-clockwise until it is loose. Briefly press down on the valve stem to release any trapped air.
2. **Attach Pump:** Firmly push the pump head onto the Presta valve. Ensure a tight seal to prevent air leakage during inflation.
3. **Inflate Tire:** Hold the pump body firmly with one hand and extend the T-handle with the other. Pump steadily until the desired tire pressure is reached. The pump can achieve a maximum pressure of 11 bar (160 psi).
4. **Remove Pump:** Once inflation is complete, quickly and firmly pull the pump head straight off the valve to minimize air loss.
5. **Close Valve:** Screw the small nut on the Presta valve stem clockwise until it is finger-tight. Replace the valve cap to protect the valve.

5. MAINTENANCE

To ensure optimal performance and longevity of your Topeak Micro Rocket-T alu pump, regular maintenance is recommended:

- **Cleaning:** After use, especially if exposed to dirt or moisture, wipe the pump body with a clean, damp cloth. Avoid using harsh chemicals.
- **Lubrication:** Periodically, apply a small amount of silicone-based lubricant to the pump's O-rings and piston shaft. This helps maintain smooth operation and prevents wear.
- **Storage:** Store the pump in a dry place, away from direct sunlight and extreme temperatures, to prevent material degradation.

6. TROUBLESHOOTING

If you encounter issues while using your Topeak Micro Rocket-T alu pump, consider the following:

- **Air Leakage During Pumping:** Ensure the pump head is firmly and squarely seated on the valve. Check the valve stem for any damage, bends, or debris that might prevent a proper seal.
- **Difficulty Pumping:** Verify that the Presta valve's small nut is fully unscrewed and the valve is open. If the pump feels stiff or difficult to operate, it may require lubrication (refer to the Maintenance section).
- **Pump Not Attaching Securely:** Confirm that the valve type is indeed Presta. This pump is not compatible with Schrader valves. Ensure the valve stem is not damaged or bent.

7. SPECIFICATIONS

Specification	Detail
Brand	Topeak
Model	Micro Rocket-T alu
Material	Aluminum
Item Weight	78 Grams
Power Source	Handheld (Manual)
Maximum Pressure	11 Bars (160 psi)
Compatible Valves	French Valve (Presta)
Package Dimensions (L x W x H)	12.09 x 3.86 x 2.24 inches

8. WARRANTY AND SUPPORT

For detailed warranty information, product registration, or technical support, please visit the official Topeak website or contact your authorized Topeak dealer. It is recommended to retain your purchase receipt as proof of purchase for any warranty claims.