

Topeak TMD-2G

Topeak Dual DXG Mini Pump Instruction Manual

Model: TMD-2G

1. INTRODUCTION

This manual provides detailed instructions for the proper use, setup, maintenance, and troubleshooting of your Topeak Dual DXG Mini Pump. Please read this manual thoroughly before operating the pump to ensure safe and efficient use. The Topeak Dual DXG Mini Pump is designed for inflating bicycle tires with both Presta and Schrader valves, featuring a built-in in-line gauge for accurate pressure readings.

2. PRODUCT OVERVIEW

The Topeak Dual DXG Mini Pump is a compact and efficient bicycle pump. It features a SmartHead™ connector that automatically adapts to Presta and Schrader valves without needing to swap internal parts. The integrated in-line gauge provides precise pressure readings up to 120 PSI (8 bar), ensuring optimal tire inflation. Its aluminum cylinder construction offers durability and a lightweight design.

- **Type:** Mini pump
- **Valve Compatibility:** Presta (French Valve) and Schrader (Car Valve)
- **Material:** Aluminum cylinder
- **Maximum Pressure:** 120 PSI (8 bar)
- **Features:** SmartHead™ connector, In-line gauge



Image 1: Topeak Dual DXG Mini Pump with its included frame mounting bracket.

3. COMPONENTS

- **Pump Body:** The main aluminum cylinder and handle assembly.
- **SmartHead™ Connector:** The pump head that automatically adjusts to Presta or Schrader valves.
- **In-Line Gauge:** Integrated pressure gauge for accurate inflation.
- **Dust Cap:** Protects the SmartHead™ connector from dirt and debris.
- **Mounting Bracket:** For attaching the pump to your bicycle frame.
- **Mounting Screws:** Hardware for securing the bracket.



Image 2: Close-up view of the SmartHead™ connector and in-line gauge.

4. SETUP

4.1 Mounting the Pump to Your Bicycle Frame

1. Locate the water bottle cage bosses on your bicycle frame.
2. Position the mounting bracket over the bosses. The bracket is designed to fit most standard frame tubes.
3. Use the provided screws to securely attach the bracket to the frame. Ensure the bracket is tightened firmly but do not overtighten to avoid damaging the frame or bracket.
4. Slide the Topeak Dual DXG Mini Pump into the bracket. The pump should snap securely into place.
5. If desired, a standard water bottle cage (not included) can be mounted over the pump bracket using the same screws.



Image 3: The Topeak Dual DXG Mini Pump in its compact, ready-to-mount position.

5. OPERATING INSTRUCTIONS

5.1 Preparing the Tire Valve

- **For Presta Valves:** Unscrew the valve stem lock nut (if present) and press down briefly on the valve stem to release any trapped air.
- **For Schrader Valves:** No special preparation is typically needed, but ensure the valve cap is removed.

5.2 Attaching the SmartHead™ Connector

1. Remove the dust cap from the pump head.
2. Firmly press the SmartHead™ connector onto the tire valve. The SmartHead™ automatically detects and adapts to either Presta or Schrader valves.
3. Ensure a tight seal. If air leaks, adjust the pump head position on the valve.

5.3 Inflating the Tire

1. Once the pump head is securely attached, begin pumping by extending and compressing the pump handle. The Dual DXG pump inflates on both the push and pull strokes, providing efficient air delivery.
2. Monitor the in-line gauge to reach your desired tire pressure. The maximum recommended pressure for this pump is 120 PSI (8 bar).
3. Avoid excessive side-to-side movement of the pump while inflating, as this can stress the valve stem and potentially cause damage to the tube.



Image 4: The Topeak Dual DXG Mini Pump fully extended during operation.

5.4 Detaching the Pump

1. Once the desired pressure is reached, quickly and firmly pull the SmartHead™ connector straight off the valve.
2. Replace the valve cap (if applicable) and the pump's dust cap.

6. MAINTENANCE

- **Cleaning:** Wipe the pump body with a damp cloth to remove dirt and grime. Avoid using harsh chemicals.
- **Lubrication:** Periodically apply a small amount of silicone-based lubricant to the pump's piston shaft to ensure smooth operation.
- **Inspection:** Regularly check all components, especially the base and head of the pump, for any signs of loosening or damage. Ensure all parts are securely fastened.
- **Storage:** Store the pump in a dry, clean environment when not in use.

7. TROUBLESHOOTING

- **Difficulty reaching high pressure:** Mini pumps require more effort to reach high pressures compared to floor pumps. Ensure a firm grip and consistent strokes. If the issue persists, check for leaks at the valve

connection.

- **Air leaking from valve connection:** Ensure the SmartHead™ connector is fully and squarely seated on the valve stem. The valve stem itself might be damaged or have a loose core (for Presta valves).
- **Pump feels loose or parts have fallen off:** Regularly inspect the pump for any loose components, especially at the base. Tighten any screws or parts that may have come loose during use or transport.
- **Gauge not reading correctly:** Ensure the pump is properly connected to the valve. If the gauge consistently reads incorrectly, the pump may require servicing.

8. SPECIFICATIONS

Brand	Topeak
Model Name	Mini Dual DXG
Part Number	TMD-2G
Color	Grey
Material	Aluminum (Cylinder), Plastic (Handle/Head)
Item Weight	0.17 Kilograms
Product Dimensions (LxWxH)	9.09" x 1.85" x 1.26" (23.1 x 4.7 x 3.2 cm)
Maximum Pressure	120 PSI (8 bar)
Operation Mode	Manual
Valve Compatibility	Presta, Schrader
Included Components	Pump, Mounting Bracket

9. WARRANTY INFORMATION

The Topeak Dual DXG Mini Pump comes with a Limited Warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the warranty documentation included with your purchase or visit the official Topeak website.

10. SUPPORT

For further assistance, technical support, or inquiries regarding your Topeak Dual DXG Mini Pump, please contact Topeak customer service through their official website or the contact information provided in your product packaging. Always refer to the manufacturer's official resources for the most accurate and up-to-date support information.