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- › [Topeak](#) /
- › [Topeak Mini Dual DX Portable Pump Instruction Manual](#)

## Topeak Mini Dual DX

# Topeak Mini Dual DX Portable Pump Instruction Manual

Model: Mini Dual DX

## 1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Topeak Mini Dual DX Portable Pump. Please read this manual thoroughly before operating the pump and retain it for future reference.



The Topeak Mini Dual DX Portable Pump, featuring a black and silver aluminum barrel with a plastic handle and thumb lock.

## 2. SAFETY INFORMATION

- **Do not overinflate tires:** Always refer to the recommended tire pressure (PSI/BAR) printed on your bicycle tire sidewall. Overinflation can cause tire damage or injury.
- **Keep out of reach of children:** This product is not a toy.
- **Avoid direct sunlight and extreme temperatures:** Store the pump in a cool, dry place.
- **Inspect before use:** Ensure all parts are securely attached and free from damage before each use.
- **Use appropriate valve type:** Ensure the pump head is correctly configured for your tire valve to prevent air leakage or damage.

## 3. PACKAGE CONTENTS

- 1 x Topeak Mini Dual DX Portable Pump

- 1 x Frame Mounting Bracket (typically included)

## **4. SETUP**

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### **4.1 Mounting the Pump to Your Bicycle Frame**

1. Identify suitable mounting points on your bicycle frame, typically near the water bottle cage bosses.
2. Attach the provided frame mounting bracket to your bicycle frame using the appropriate screws (not always included with pump, often with bike).
3. Securely snap the Mini Dual DX pump into the bracket. Ensure it is firmly held to prevent dislodging during rides.



The Topeak Mini Dual DX pump securely mounted to a bicycle frame, demonstrating its compact size and convenient placement alongside a water bottle cage.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Identifying Valve Types

The Topeak Mini Dual DX pump is compatible with Presta (French Valve), Schrader (Car Valve), and Dunlop (Wood Valve) valve types. It features a reversible head to accommodate these.

- **Presta Valve:** Thin, metal stem with a small knurled nut at the top.

- **Schrader Valve:** Wider, robust stem, similar to car tire valves.
- **Dunlop Valve:** Similar in width to Schrader, but with a different internal mechanism.

## 5.2 Configuring the Pump Head for Your Valve Type

The pump head can be reversed to fit different valve types. To change the configuration:

1. Unscrew the cap at the end of the pump head.
2. Carefully remove the internal rubber grommet and plastic insert.
3. Flip the rubber grommet and plastic insert to expose the desired valve opening (one side is typically wider for Schrader/Dunlop, the other narrower for Presta).
4. Reinsert the components and screw the cap back on securely.



A detailed view of the Topeak Mini Dual DX pump head, illustrating the thumb lock lever and the reversible nozzle designed for various valve types.

## 5.3 Inflating Your Tire

1. **Prepare the valve:** For Presta valves, unscrew the small knurled nut at the top of the valve stem. For Schrader/Dunlop, ensure the valve cap is removed.
2. **Attach the pump:** Firmly push the pump head onto the tire valve.

3. **Secure the connection:** Flip the thumb lock lever on the pump head to the closed position to create a tight seal.
4. **Pump the tire:** Hold the pump barrel firmly and push and pull the handle in a smooth, consistent motion to inflate the tire.
5. **Monitor pressure:** Pump until the desired tire pressure is reached. Avoid overinflation.
6. **Detach the pump:** Flip the thumb lock lever to the open position, then carefully pull the pump head straight off the valve.
7. **Secure the valve:** For Presta valves, screw the knurled nut back down. Replace any valve caps.

## 6. MAINTENANCE

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- **Cleaning:** Wipe the pump exterior with a damp cloth to remove dirt and grime. Avoid harsh chemicals.
- **Lubrication:** Periodically apply a small amount of silicone grease to the pump's piston seal to maintain smooth operation and prevent wear.
- **Storage:** Store the pump in a dry environment, away from direct sunlight and extreme temperatures, to prolong its lifespan.
- **Check seals:** Regularly inspect the rubber seals in the pump head for cracks or wear. Replace if necessary to ensure an airtight seal.

## 7. TROUBLESHOOTING

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- **Difficulty pumping / No air flow:**
  - Ensure the pump head is correctly configured for your valve type (Presta/Schrader/Dunlop).
  - Verify the thumb lock lever is fully engaged.
  - Check for obstructions in the pump head or valve.
  - Inspect the internal piston seal for wear or dryness; lubricate if needed.
- **Air leaking from valve connection:**
  - Ensure the pump head is pushed firmly onto the valve stem.
  - Confirm the thumb lock lever is fully closed.
  - Check the rubber grommet in the pump head for damage or improper seating.
  - For Presta valves, ensure the knurled nut is unscrewed sufficiently before attaching the pump.
- **Pump feels stiff or gritty:**
  - The piston seal may require lubrication. Disassemble the pump (if designed for user maintenance) and apply silicone grease.
  - Clean any dirt or debris from the pump barrel.

## 8. SPECIFICATIONS

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- **Model:** Mini Dual DX
- **Material:** Barrel: Aluminum; Thumb Lock: Plastic; Handle: Plastic, Kraton
- **Compatible Valves:** Presta (French Valve), Schrader (Car Valve), Dunlop (Wood Valve)
- **Maximum Pressure:** 120 PSI (Pound per Square Inch)

- **Operation Mode:** Manual
- **Item Weight:** 0.15 Kilograms
- **Product Dimensions (L x W x H):** 14.1" x 3" x 1.1" (approximately 35.8 cm x 7.6 cm x 2.8 cm)
- **Included Components:** 1 x Mini Pump

## 9. WARRANTY INFORMATION

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Warranty terms and conditions for the Topeak Mini Dual DX Portable Pump are typically provided with the product packaging or can be found on the official Topeak website. Please refer to these resources for detailed information regarding coverage and claims.

## 10. SUPPORT

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For further assistance, technical support, or to inquire about replacement parts, please visit the official Topeak website or contact their customer service department.

**Topeak Official Website:** [www.topeak.com](http://www.topeak.com)