dwndpump DP5 PRO

dwndpump DP5 PRO Mini Electric Bike Pump User Manual

Model: DP5 PRO

1. Introduction

Thank you for choosing the dwndpump DP5 PRO Mini Electric Bike Pump. This compact and powerful device is designed for efficient and precise inflation of bicycle tires and various sports balls. Featuring a real-time pressure gauge, auto shut-off function, and versatile valve compatibility, it ensures optimal pressure for your equipment. Please read this manual thoroughly before use to ensure safe and correct operation.

2. Package Contents

Verify that all items listed below are included in your package:

- Bike Pump x 1
- Seal Part x 1
- Pillar x 1
- Waterproof Bag x 1
- User Manual x 1
- Packaging Box x 1
- Charge Cable x 1
- Air Hose x 1
- Ball Needle x 1
- Silicone Sleeve x 1



Figure 2.1: All components included in the dwndpump DP5 PRO package.

3. Product Features

- **Fast & Efficient Inflation:** Achieves 80 PSI on a 700*25C road bike tire in approximately 50 seconds.
- **Real-time Pressure Gauge:** High-precision LED screen with ±1 PSI accuracy for accurate readings.
- **Auto Shut-Off Function:** Automatically stops inflation once the target pressure is reached, preventing over-inflation.
- **Portable Mini Size:** Compact and lightweight at 130g (0.29lb), designed for easy portability.
- **Versatile Compatibility:** Equipped with Presta and Schrader valves for various bikes and sports balls.



Figure 3.1: The dwndpump DP5 PRO's compact and portable design.



Figure 3.2: The high-precision digital pressure gauge for real-time readings.

4. Charging the Device

The dwndpump DP5 PRO features fast charging capabilities. Use the provided Type-C cable to charge the device.

1. Connect the Type-C cable to the charging port on the pump.
2. Connect the other end of the cable to a compatible USB power adapter (not included).
3. A full charge takes approximately 30 minutes. The battery indicator on the LED screen will show charging status.



Figure 4.1: Charging the dwndpump DP5 PRO with the Type-C cable.

5. Valve Compatibility and Setup

The pump supports both Presta and Schrader valves. The pump is pre-installed in Presta valve mode from the factory. To switch to Schrader valve mode, follow these steps:

1. Remove the nozzle cap from the pump.
2. Install the seal part with the **big hole outwards** for Schrader valves. For Presta valves, ensure the small hole is outwards.
3. Install the pillar into the nozzle.
4. Re-attach the nozzle cap.



Figure 5.1: Adjusting the nozzle for Presta and Schrader valve compatibility.

For inflating sports balls, attach the provided ball needle to the Schrader valve setup.

6. Operating Instructions

The dwndpump DP5 PRO offers two inflation methods: direct air nozzle or via an air hose.

1. **Connect to Valve:** Securely attach the pump's nozzle (or the air hose connected to the nozzle) to the tire valve. Ensure a tight seal to prevent air leakage.

2. **Power On:** Press the power button to turn on the pump. The LED screen will display the current pressure.
3. **Set Target Pressure:** Use the '+' and '-' buttons to set your desired tire pressure (PSI or BAR).
4. **Start Inflation:** Press the inflation button to begin pumping. The screen will show real-time pressure.
5. **Auto Shut-Off:** The pump will automatically stop once the set target pressure is reached.
6. **Disconnect:** Carefully disconnect the pump from the valve.



Figure 6.1: The pump in action, demonstrating fast inflation and auto-stop.

Figure 6.2: Two inflation methods: direct nozzle or with the air hose.

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Video 6.1: Demonstration of the dwndpump DP5 PRO mini bike pump in use, showing its compact size and digital gauge.

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Video 6.2: A detailed overview of the dwndpump DP5 PRO mini bike tire pump, showcasing its features and ease of use.

7. Safety Information

- Do not leave the pump unattended during operation.
- Keep out of reach of children.
- Avoid over-inflating tires; always refer to the recommended pressure for your specific tire.
- For TPU inner tubes with resin valves, always connect them with an extension air hose to prevent valve melting due to overheating.
- Do not expose the pump to extreme temperatures or direct sunlight for prolonged periods.



Figure 7.1: Important note on protecting TPU inner tubes with resin valves from overheating.

8. Maintenance and Care

- Clean the pump regularly with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Store the pump in a cool, dry place, away from direct sunlight and moisture.
- Ensure the charging port is free from dust and debris.
- If not used for an extended period, charge the pump every 3 months to maintain battery health.

9. Troubleshooting

If you encounter issues with your dwndpump DP5 PRO, please refer to the following common solutions:

- **Pump not turning on:** Ensure the battery is charged. Connect the pump to a power source using the Type-C cable.
- **No inflation or slow inflation:** Check if the nozzle is securely attached to the valve. Verify that the correct valve configuration (Presta/Schrader) is set. Ensure the air hose is properly connected if used.
- **Inaccurate pressure reading:** Ensure the pump is properly connected to the valve. Disconnect and reconnect to reset the reading.
- **Pump stops unexpectedly:** The auto shut-off feature may have activated if the target pressure was reached. Check the set pressure. If the battery is low, recharge the device.

If the problem persists, please contact customer support.

10. Specifications

Feature	Detail
Brand	dwndpump
Model Name	DP5 PRO
Color	Silver
Material	Metal
Item Weight	130 Grams (0.29 lb)

Feature	Detail
Product Dimensions (LxWxH)	2.87" x 1.96" x 1.25" (73mm x 50mm x 32mm)
Power Source	Battery Powered
Air Flow Capacity	15 Liters Per Minute
Maximum Pressure	120 PSI
Operation Mode	Automatic
Charging Time	Approx. 30 minutes (Type-C)



Figure 10.1: Working performance when fully charged for different tire types.

11. Warranty and Support

The dwndpump DP5 PRO Mini Electric Bike Pump comes with a**2-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any questions regarding your product, please contact dwndpump customer service through the retailer where you purchased the product or visit the official dwndpump website for contact information.

Please retain your proof of purchase for warranty service.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question