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GPUTEK BG01

GPUTEK Bike Electric Air Pump

INSTRUCTION MANUAL - MODEL BG01

Your portable solution for effortless tire inflation.

Overview

The GPUTEK Bike Electric Air Pump is a compact and portable device designed for convenient and efficient tire inflation. Featuring a digital pressure gauge and automatic stop function, it ensures precise inflation for various types of tires, including bicycles, motorcycles, and sports balls. Its versatile valve compatibility makes it an essential tool for any rider.



Image: GPUTEK Bike Electric Air Pump with included accessories: air hose, USB-C charging cable, ball needles, Dunlop adapter, and storage bag.

Important Operating Instructions

Note: This product is only suitable for bicycles, motorcycles, scooters, and sports balls (basketball, soccer, rugby, volleyball); it is not suitable for cars, air mattresses, and other large inflatables.

Our hose is a newly designed Presta and Schrader 2-in-1 hose. The hose head has two parts. When fully tightened, it is suitable for Schrader. Unscrewing the head and pulling out the built-in brass fittings can adapt to Presta valves. Installing the Dunlop adapter in the tightened state is suitable for Dunlop valves.

If you notice inaccurate pressure readings or a sudden pressure spike that causes inflation to stop immediately when using this product with a Presta valve, it is due to the lock nut not being completely loosened, causing it to block the valve and prevent the pump from working properly. If you encounter these issues, please reconnect the hose and valve, ensuring that the lock nut is properly loosened to prevent pressure blockages that could hinder the product's operation.

Package Contents



Image: All items included in the GPUTEK Electric Bike Pump package, neatly arranged.

- 1x Electric Bicycle Pump
- 1x Schrader and Presta Valve Dual-Use Air Hose
- 1x Dunlop Adapter
- 1x Type-C Charging Cable
- 2x Ball Needles
- 1x Storage Bag
- 1x User Manual

Product Features

- **Automatic Electric Bike Pump:** LCD display monitors real-time pressure. Set desired pressure, and the pump automatically stops when reached. Features a memory function for last mode and pressure settings. Offers multiple modes ranging from 2 to 150 PSI.
- **Compact and Portable:** Measures only 5.74×2×1.6 inches and weighs 0.76 lbs. Comes with a waterproof storage bag for easy transport and attachment to a bike frame.
- **Rapid Inflation Speed:** Inflates a 27.5×2.2 inch mountain bike tire from 0 to 38 PSI in approximately 1 min 45 s. Inflates a 700×23C road bike tire from 0 to 100 PSI in about 2 min. (Data based on full charge, may vary).
- **Compatible with All Bike Valves:** Features a new 2-in-1 hose design for Presta and Schrader valves, allowing effortless switching by rotating the interface. Includes a Dunlop adapter.
- **High-quality Polymer Lithium Battery:** A single full charge inflates up to 6 road bike tires or 9 mountain bike tires. Robust cooling system allows continuous operation from full charge to complete discharge without breaks.



Image: Visual representation of the pump's key features including portability, fast inflation, universal valve compatibility, and adjustable pressure range.

Setup

Charging the Pump

Before first use, fully charge the pump using the provided USB-C charging cable. Connect the USB-C end to the pump's charging port and the USB-A end to a compatible power adapter (not included). The battery indicator lights will show charging progress.

Attaching the Air Hose

The air hose is designed for dual compatibility with Presta and Schrader valves. For Dunlop valves, use the provided adapter.

- **Schrader Valve:** Ensure the interface on the hose is fully tightened.
- **Presta Valve:** Pinch the middle of the hose connector and twist open the upper interface. Unplug the built-in brass fitting to reveal the Presta connector.
- **Dunlop Valve:** Twist the Dunlop adapter onto the tightened Schrader interface.



Image: Detailed view of the multi-compatibility hose, illustrating how to connect to Schrader, Presta, and Dunlop valves.

Operating Instructions

Power On/Off

- **Power On:** Long press the power button (middle button) to turn on the pump.
- **Power Off:** Long press the power button for 3 seconds to turn off the pump.

Adjusting Pressure & Modes

4 PRESET MODES ADJUSTABLE 2-150 PSI



Mountain Bike/
City Bike Mode:
2-50 PSI



Road Bike Mode:
50-150 PSI



Motorcycle Mode:
0.1-3.7 BAR



Custom Mode:
2-150 PSI



Image: The pump's digital display highlighting the four preset inflation modes and their respective pressure ranges.

- **Switch Modes:** Short press the left button to cycle through preset modes: Mountain Bike (2-50 PSI), Road Bike (50-150 PSI), Motorcycle (0.1-3.7 BAR), and Custom Mode (2-150 PSI).
- **Adjust Preset Pressure:** Short press the '+' or '-' buttons to adjust the preset pressure value. Long press for quick adjustment.
- **Change Pressure Unit:** Hold the left button to toggle between PSI and BAR.

Starting/Stopping Inflation

- **Start Inflation:** Short press the power button to start inflating. The pump will automatically stop when the preset pressure is reached.
- **Stop Inflation:** Short press the power button again to manually stop inflation.

Using the LED Light



Image: The pump's integrated LED light providing illumination for nighttime tire inflation or as a general flashlight.

- **Turn On/Off Light:** Press the right button once to turn on the light. Press again to turn it off.
- **SOS Light:** Press the right button twice for SOS mode.

Memory Function

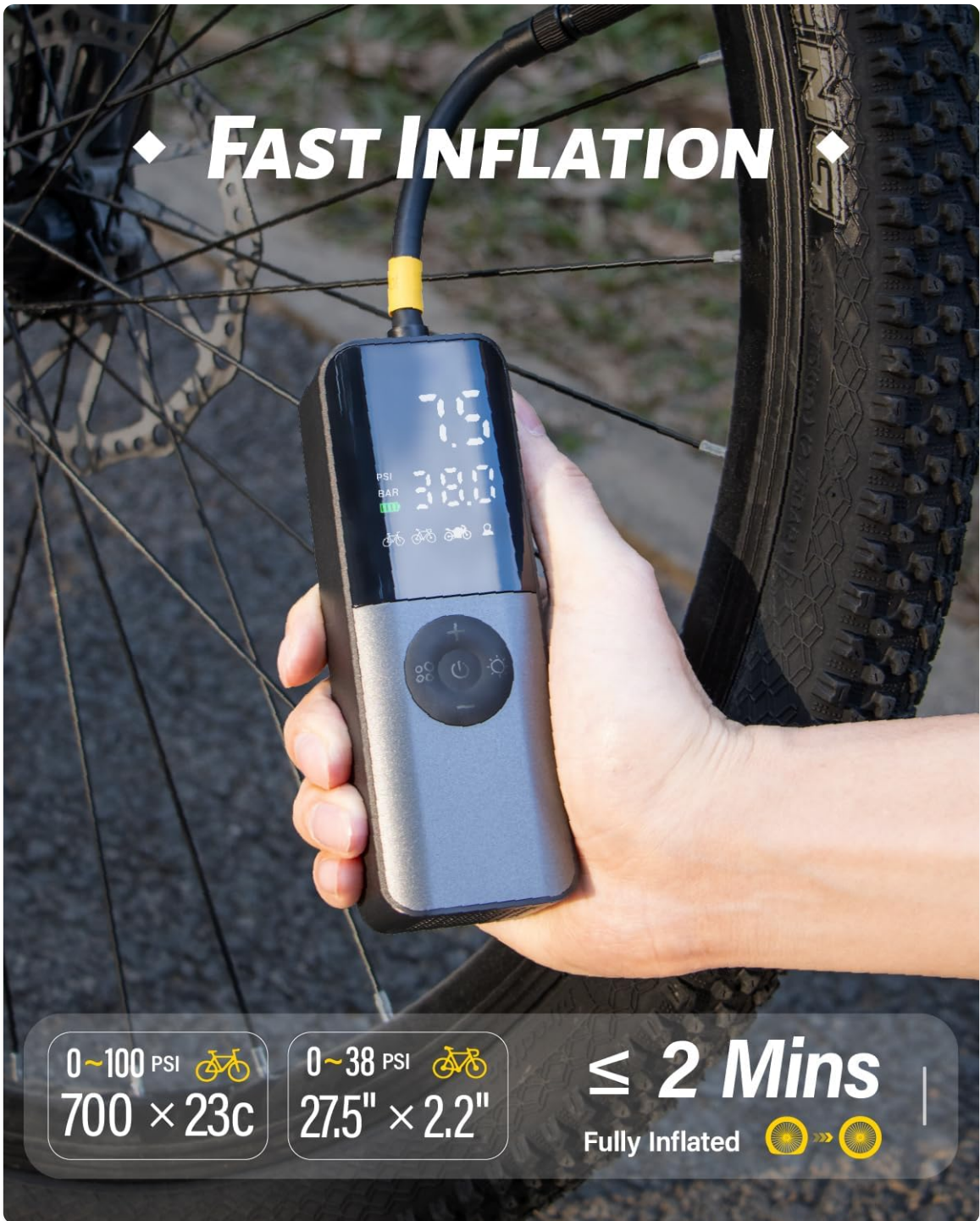
The pump automatically remembers the previously set air pressure for convenience.

Usage Demonstration

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Video: GPUOTEK Bike Electric Air Pump Usage Tutorial Video. This video demonstrates the step-by-step process of using the pump for various inflation tasks, including connecting to different valve types and setting pressure.

◆ FAST INFLATION ◆



0~100 PSI 
700 × 23c

0~38 PSI 
27.5" × 2.2"

≤ 2 Mins
Fully Inflated  → 

Image: The pump in action, showing its fast inflation capabilities for different tire sizes.

DIGITAL PRESSURE GAUGE



Image: Close-up of the digital display, indicating both the current tire pressure and the user-set target pressure.

Maintenance

Battery Care

- Ensure the pump is fully charged before long periods of storage.
- Avoid completely draining the battery to prolong its lifespan.
- The robust cooling system allows continuous operation, but avoid exposing the pump to extreme temperatures.

Storage

Use the provided waterproof storage bag to protect the pump and its accessories from dust and moisture. The bag can be easily attached to your bike frame for convenient transport.



Image: The durable storage bag, highlighting its adjustable straps, waterproof material, and anti-slip design for secure attachment to a bike frame.

Troubleshooting

- **Inaccurate Pressure Readings / Pump Stops Inflation:** If using a Presta valve, ensure the lock nut is completely loosened. Reconnect the hose and valve, ensuring proper loosening to prevent pressure blockages.
- **Pump Not Turning On:** Check if the battery is charged. If the battery indicator is red or flashing, recharge the pump.
- **Pump Not Inflating:** Ensure the air hose is securely connected to both the pump and the tire valve. Verify that the correct valve adapter is used for your tire type. Check that the preset pressure is higher than the current tire pressure.
- **Air Leaks:** Ensure all connections are tight. Check for any damage to the hose or valve adapters.

Specifications

Attribute	Value
Brand	GPUTEK
Model Name	BG01

Attribute	Value
Color	Black and Gray
Material	ABS Plastic
Item Weight	348 Grams
Product Dimensions	2"L x 1.6"W x 5.47"H
Power Source	Battery Powered
Air Flow Capacity	20 LPM
Maximum Pressure	150 Pound per Square Inch
Operation Mode	Automatic

Warranty & Support

This product comes with a **2-year warranty** from GPUTEK.

For any questions, technical support, or warranty claims, please refer to the contact information provided in your product packaging or visit the official GPUTEK website.