Auxbeam BL03

Auxbeam Tiny 120PSI Electric Bicycle Pump (Model BL03) Instruction Manual

1. Introduction

Thank you for choosing the Auxbeam Tiny 120PSI Electric Bicycle Pump. This compact and efficient device is designed to provide quick and accurate tire inflation for various bicycles and sports equipment. Featuring a high-precision digital gauge, auto-shutoff function, and dual valve compatibility, it ensures optimal tire pressure and prevents over-inflation. Its lightweight and durable design makes it an ideal companion for all your cycling adventures.

2. Package Contents

Please verify that all items listed below are included in your package:

- 1 × Auxbeam Tiny Electric Bicycle Pump
- 1 × Presta Valve Adapter
- 1 × Schrader Valve Adapter
- 1 × Dunlop Valve Adapter
- 1 × Ball Needle
- 1 × Flexible Hose
- 1 × Type-C Charging Cable
- 1 × Storage Bag
- 1 × User Manual



Image: All components included in the Auxbeam Tiny Electric Bicycle Pump package, including the pump unit, various valve adapters, flexible hose, charging cable, storage bag, and user manual.

3. Product Features

- **Efficient 2X Inflation:** Powered by a brushless motor, this pump offers a 20% efficiency boost and operates with less than 50dB noise. It can inflate a 700×23C tire from 0-80PSI in 40 seconds and a 700×25C tire to 120PSI within 120 seconds.
- **Digital Pressure Gauge & Auto Shutoff:** Equipped with a high-precision digital meter (accuracy of ±1 PSI) to display real-time readings and allow preset target pressure. The auto-stop function prevents over-inflation by shutting off automatically when the desired PSI is reached.
- **Professional Bicycle Tire Pump:** Optimized for mountain bikes, road bikes, e-bikes (up to 120PSI), and sports balls. Features dual valve compatibility (Schrader/Presta) with a leak-proof nozzle and hose for secure connections.
- **Durable and Safe:** Constructed with aviation-grade materials and 100% tested motors (10,000-hour service life) to reduce heat and improve durability. Complies with CE/FCC standards.
- **Lightweight and Compact:** Weighs only 108 grams (0.24 pounds) and measures 2.1×1.3×3 inches, making it easy to carry in a backpack or pocket for outdoor cycling, hiking, or road trips.
- **Integrated LED Light:** A built-in LED flashlight provides illumination for use in low-light conditions or emergencies.



Image: The digital display of the pump clearly shows the current PSI and battery level, ensuring precise control over inflation.



Image: Illustration of the dual valve compatibility, showing both Schrader and Presta valve adapters for versatile use.



Image: The compact and lightweight design of the Auxbeam pump, easily fitting into a hand or a small bag, highlighting its portability.

4. Setup

4.1 Charging the Pump

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

4.2 Attaching the Flexible Hose or Direct Valve Adapter

The pump supports both direct valve connection and use with the flexible hose for hard-to-reach valves.

- **Using Flexible Hose:** Screw the flexible hose into the orange port on the pump. Select the appropriate valve adapter (Presta, Schrader, or Dunlop) and screw it onto the other end of the flexible hose.
- **Direct Valve Connection:** For convenience, you can directly screw the black (Schrader) or orange (Presta) quick-install valve adapter onto the pump's orange port.



Image: The flexible hose and various valve adapters are shown, illustrating how they connect to the pump for different tire types.

5. Operating Instructions

5.1 Powering On/Off

Long press the power button (orange button with power symbol) for 3 seconds to turn the pump on or off.

5.2 Setting Target Pressure

Once powered on, the digital display will show the current tire pressure. Use the '+' and '-' buttons to adjust the desired target PSI. The pump supports a maximum pressure of 120 PSI.

5.3 Connecting to Tire Valve

Securely connect the appropriate valve adapter (or flexible hose with adapter) to your tire's valve stem. Ensure a tight seal to prevent air leakage.

5.4 Starting/Stopping Inflation

Press the power button once to start inflation. The pump will automatically stop when the preset target pressure is reached. To manually stop inflation, press the power button again.

5.5 Using the LED Light

Double-press the '+' button to turn the built-in LED flashlight on or off. This is useful for inflating tires in low-light conditions.



Image: A visual four-step guide demonstrating the process of using the Auxbeam pump: long-pressing to power on, adjusting pressure, connecting the valve, and pressing down to inflate.

Video: A demonstration of how to use the Auxbeam bike pump with a Schrader valve, showing the connection process and inflation.

6. Usage Modes

The Auxbeam pump offers various preset modes tailored for different types of bicycles, along with a manual mode for custom pressure settings:

- **Fat Tire Bike Mode:** Default 8 PSI, Pressure Range: 5-20 PSI.
- **Mountain Bike Mode:** Default 45 PSI, Pressure Range: 5-60 PSI.
- **City Bike Mode:** Default 60 PSI, Pressure Range: 10-95 PSI.
- **Road Bike Mode:** Default 100 PSI, Pressure Range: 30-120 PSI.
- **Manual Mode:** Pressure Range: 0-120 PSI, allowing you to set any desired pressure within the pump's capabilities.



Image: A road cyclist with the recommended pressure settings for road bikes (Default: 100PSI, Range: 30-120PSI).



Image: Two individuals riding city bikes, illustrating the recommended pressure settings for city bikes (Default: 60PSI, Range: 10-95PSI).



Image: A mountain biker on a trail, indicating the recommended pressure settings for mountain bikes (Default: 45PSI, Range: 5-60PSI).

Image: A person riding a fat tire bike in a snowy landscape, displaying the recommended pressure settings for fat tire bikes (Default: 8PSI, Range: 5-20PSI).

7. Maintenance

- **Cleaning:** Wipe the pump with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the pump in a cool, dry place away from direct sunlight and extreme temperatures. Use the provided storage bag to keep all accessories organized and protected.
- **Charging:** Recharge the pump regularly, even if not in frequent use, to maintain battery health.

8. Troubleshooting

- **Pump is not suitable for car tires:**This pump is designed for bicycle tires and sports balls only. Do not attempt to inflate car tires.
- **Difficulty inflating empty tires:** When inflating completely empty tires, it is recommended to use the flexible

extension tube for better connection and stability.

- **Loud operating noise:** Due to the high speed of the motor, the inflatable sound may be slightly loud (less than 50 dB). This is normal operation and not a defect.
- **Product temperature too high:** If the product temperature is too high, it will display a "HOT" warning. Please take a 10-minute break before continuing to use it.

9. Specifications

Feature	Specification
Brand	Auxbeam
Model	BL03
Material	Aluminum
Item Weight	3.84 ounces (108 grams)
Product Dimensions	3.5"L x 5.1"W x 5.5"H (approx. 2.1"×1.3"×3" for the main unit)
Power Source	Battery Powered (1000mAh built-in battery)
Maximum Pressure	120 PSI
Operation Mode	Automatic with Digital Gauge & Auto Shutoff
Noise Level	< 50 dB
Motor Lifespan	10,000 hours

Video: A visual representation highlighting the 1000mAh built-in battery and durability features of the Auxbeam Tiny Bike Pump.

10. Warranty and Support

The Auxbeam Tiny Electric Bicycle Pump comes with a**1-year warranty**. For any product inquiries, technical support, or warranty claims, please contact Auxbeam customer service through the retailer's platform or visit the official Auxbeam website for assistance.

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.

Name

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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