Auxbeam AB-BL03

Auxbeam Tiny Bike Pump with Gauge

Model: AB-BL03

Brand: Auxbeam

Introduction

The Auxbeam Tiny Bike Pump with Gauge (Model AB-BL03) is a compact and portable electric air pump designed for various inflation needs. It features a digital pressure gauge, automatic shutoff, and compatibility with multiple valve types, making it suitable for bicycles and sports balls.

Package Contents

Ensure all items are present in the package:

- 1 × 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 Bike Pump package.

Setup

1. **Charging the Pump:** Use the provided Type-C charging cable to fully charge the pump before first use. The LED screen will indicate battery status.
2. **Attaching the Flexible Hose:** Screw the flexible hose securely into the inflation port on the side of the pump.

3. **Selecting the Correct Valve Adapter:** The pump supports both Schrader and Presta valves. Choose the appropriate adapter for your tire or ball. For Schrader valves, use the black nozzle. For Presta valves, use the orange nozzle. For sports balls, attach the ball needle.



Image: Schrader (black) and Presta (orange) valve adapters.



Image: Pump connected to a bicycle tire.

Video: Demonstration of connecting the Auxbeam Bike Air Pump for Schrader Valve.

Operating Instructions

1. **Power On:** Long press the power button (usually marked with a power symbol) for 3 seconds to turn on the pump. The LED screen will illuminate.

2. **Set Desired Pressure:** Use the "+" and "-" buttons to adjust the target pressure (PSI). The digital gauge displays real-time readings.
3. **Switch Pressure Units:** Double-tap the "-" button to switch between PSI and BAR units.
4. **Connect to Valve:** Firmly press the appropriate adapter onto the tire or ball valve. Ensure a secure, leak-proof connection.
5. **Start Inflation:** Press the power button once to begin inflation. The pump will automatically stop when the preset pressure is reached.
6. **LED Light:** Double-tap the "+" button to turn the built-in LED flashlight on or off for visibility in low-light conditions.



Image: Digital display showing PSI and battery level.



Image: Step-by-step guide on pump operation.

Usage Scenarios and Modes

The Auxbeam Tiny Bike Pump is optimized for various applications:

- **Road Bikes:** Default 100 PSI, Pressure Range: 30-120 PSI
- **Mountain Bikes:** Default 45 PSI, Pressure Range: 5-60 PSI
- **City Bikes:** Default 60 PSI, Pressure Range: 10-95 PSI
- **Fat Tire Bikes:** Default 8 PSI, Pressure Range: 5-20 PSI
- **Manual Mode:** Pressure Range: 0-120 PSI (for custom settings or other inflatables)
- **Sports Balls:** Use the ball needle adapter for basketballs, soccer balls, etc.



Image: Recommended PSI ranges for different bicycle types.

Video: Demonstration of the Auxbeam Bike Pump for various uses including road bikes, motorcycles, e-bikes, and balls.

Performance Data (Fully Charged)

Tire Type	Pressure	Inflating Time	Inflating Number
700C23	0-120 PSI	70-80S	1
700C23	0-80 PSI	35-45S	3-4
700C25	0-120 PSI	120-130S	1
700C25	80-120 PSI	60-70S	3-4

Tire Type	Pressure	Inflating Time	Inflating Number
700C28	0-80 PSI	70-80S	2
26x1.95	0-50 PSI	90-100S	2-3



Image: Detailed performance data for different tire types.

Maintenance

- **Charging:** Recharge the pump using the Type-C cable when the battery indicator is low.
- **Storage:** Store the pump and its accessories in the provided storage bag to protect them from dust and damage. Keep in a cool, dry place.
- **Cleaning:** Wipe the exterior of the pump with a soft, dry cloth. Do not use harsh chemicals or immerse in water.



Image: Pump stored in a bike bag.

Troubleshooting and Important Notes

- **Noise Level:** Due to the high-speed motor, the pump may produce a sound level of less than 50 dB during operation. This is normal.
- **Heat Generation:** The pump may become warm during prolonged use, especially when inflating multiple tires or to high pressures. Allow it to cool down if it feels excessively hot.

- **Car Tires:** This pump is not suitable for inflating car tires.
- **Empty Tires:** When inflating completely flat tires, it is recommended to use the extension tube for easier connection and stability.

Specifications

Feature	Detail
Model Name	AB-BL03
Brand	Auxbeam
Material	Aluminum
Item Weight	0.24 Pounds (108 grams)
Power Source	Battery Powered (Lithium-ion)
Maximum Pressure	120 PSI
Operation Mode	Automatic
Dimensions (L x W x H)	2.1 × 1.3 × 3 inches (approx.)
Motor Type	Brushless (10,000-hour service life)
Noise Level	< 50 dB
Safety Certification	CE/FCC standards compliant

Warranty and Support

The Auxbeam Tiny Bike Pump (Model AB-BL03) comes with a 1-year warranty. For any product inquiries, technical support, or warranty claims, please contact Auxbeam customer service through their official channels or the retailer where the product was purchased.

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

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