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> Panaride Air Nano Mini Electric Bike Pump Instruction Manual

panaride Air Nano

Panaride Air Nano Mini Electric Bike Pump Instruction Manual

Brand: panaride | Model: Air Nano

INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your Panaride Air Nano Mini Electric Bike Pump. Please read this manual thoroughly before use and retain it for future reference.

WHAT'S IN THE BOX

Your package should contain the following items:

- 1x Panaride Air Nano Mini Electric Bike Pump
- 1x High Pressure Hose
- 1x Presta Connector
- 1x Needle Valve
- 1x USB Type-C Charging Cable
- 1x User Manual
- 1x Storage Bag



Image: All components included in the Panaride Air Nano package, neatly laid out.

PRODUCT OVERVIEW AND FEATURES

The Panaride Air Nano is a compact and powerful electric bike pump designed for convenience and precision. Key features include:

- **High Precision Inflation:** Achieves optimal tire pressure with ± 1 PSI accuracy.
- **Smart Auto-Stop Functionality:** Automatically stops inflation once the preset pressure is reached, preventing over-inflation.
- **Lightweight and Portable Design:** Weighing only 120g, it's easy to carry and store.
- **Versatile Valve Compatibility:** Compatible with both Presta and Schrader valves, and includes a needle adapter for balls.
- **Powerful Performance:** Delivers up to 120 PSI for fast and efficient tire inflation.
- **Built-in Display:** Shows real-time tire pressure and battery status.
- **Fast Charging:** 500 mAh battery fully charges in approximately 40 minutes via USB Type-C.
- **Altitude-Proof Accuracy:** Automatic pressure calibration based on altitude.
- **Durable Construction:** Made with military-grade, shockproof, drop-resistant, IP54 water-resistant, and heat-resistant materials.

Ultra-Light & Portable



0.26 lb

Lighter than your phone.
Fits in your palm.

Image: The Panaride Air Nano Mini Electric Bike Pump, showcasing its compact size and digital display.

Smart auto-stop Set & forget

Automatic shut-off.
Stops instantly at your desired
pressure



Image: Close-up of the pump's built-in display, indicating tire pressure, battery level, and control buttons.

Built-in Display

Visible inflation process. Instantly view air pressure and battery status, with real-time inflation updates, keeping tire pressure in check.



Image: Diagram illustrating how to connect the pump to both Presta (SV) and Schrader (AV) valves, as well as a ball needle.

Objects	Pressure Range	Amount Chargeable	Speed
Road bikes (700x23C)	0-80 psi	≈ 5 PCs	≈ 50 s/PC
Road bikes (700x23C)	0-90 psi	≈ 4 PCs	≈ 59 s/PC
Road bikes (700x23C)	0-100 psi	≈ 3 PCs	≈ 1min 8s/PC
Road bikes (700x23C)	0-110 psi	≈ 3 PCs	≈ 1min 2s/PC
Road bikes (700x23C)	0-120 psi	≈ 2 PCs	≈ 1min 39s/PC
MTB (27.5x1.95)	0-50 psi	≈ 3 PCs	≈ 1min 20s/PC
7° Basketball	0-7 psi	≈ 19 PCs	≈ 30 s/PC




Image: Table detailing inflation speeds and capacities for various items like road bikes, MTB, and basketballs.

SETUP

1. Charging the Device

Before first use, fully charge the Panaride Air Nano. Connect the provided USB Type-C cable to the charging port on the pump and to a compatible USB power source. The battery indicator on the display will show charging progress.



Image: The Panaride Air Nano connected to a USB-C cable for charging, highlighting the charging port.

2. Attaching the Hose and Adapters

Screw the high-pressure hose firmly into the inflation port on the top of the pump. Depending on your valve type (Presta or Schrader), attach the appropriate connector to the other end of the hose. For inflating balls, use the needle valve with the hose.

OPERATING INSTRUCTIONS

1. Power On/Off

Press and hold the power button (center button) for a few seconds to turn the pump on or off.

2. Selecting Pressure Unit (PSI/BAR)

Double-press the '-' button to switch between PSI and BAR units on the display.

3. Setting Desired Pressure

Once powered on and connected to the tire/ball, the display will show the current pressure. Use the '+' and '-' buttons to adjust the desired target pressure. The pump supports up to 120 PSI.

4. Starting Inflation

Press the power button once to start inflation. The pump will automatically stop when the preset pressure is reached.

An infographic with a dark background. On the left, there are three battery icons. The top one is fully green and has a clock icon next to it. The middle one is partially green and has a lightning bolt icon next to it. The bottom one is mostly grey with a small green section and has a USB-C icon next to it. On the right, there is a large, detailed image of the pump's internal battery pack, which is green and has a white lightning bolt symbol on its front face.

40-min – Full charge
Ready in less than an episode of your favorite show.

15-min – Quickboost
Get one full tire in just 15 min, of charging.

USB-C and power bank compatible charge anywhere, even in your car.

Image: The Panaride Air Nano connected to a bicycle tire, demonstrating the automatic shut-off feature once the desired pressure is achieved.

5. Using the Built-in Light

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

6. Video Demonstration: Pump Usage

Your browser does not support the video tag.

Video: A seller demonstration showcasing the unboxing and various uses of the Panaride Mini Electric Bike Pump, including inflating bicycle tires and a basketball.

MAINTENANCE

1. Charging

Ensure the device is charged regularly, especially before long trips, to maintain optimal performance. A full charge takes approximately 40 minutes.

2. 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.

3. Cleaning

Wipe the exterior of the pump with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.

TROUBLESHOOTING

- **Pump not turning on:** Ensure the battery is charged. If not, connect to a power source using the USB-C cable.
- **Inaccurate pressure reading:** Ensure the hose and adapter are securely attached to both the pump and the valve.
- **Pump not inflating:** Check if the desired PSI is set correctly. Ensure there are no leaks in the connection.
- **Pump gets hot during use:** This is normal during extended inflation. The pump has efficient heat dissipation. Allow it to cool down if it becomes excessively hot.

SPECIFICATIONS

Brand	panaride
Model Name	Air Nano
Color	Black
Material	Plastic
Item Weight	0.2 Kilograms (120g)
Power Source	Battery Powered
Air Flow Capacity	12 Liters Per Minute
Maximum Pressure	120 Pound per Square Inch
Operation Mode	Automatic
Item Package Dimensions	4.49 x 3.23 x 1.46 inches

WARRANTY AND SUPPORT

The Panaride Air Nano Mini Electric Bike Pump comes with a 5-year warranty.

For product support, troubleshooting, or warranty claims, please contact Panaride customer service through the retailer's platform or visit the official Panaride website.