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› Tiakia Mini Bike Pump User Manual

Tiakia HP SH-0501A

Tiakia Mini Bike Pump User Manual

Model: HP SH-0501A

Brand: Tiakia

INTRODUCTION

The Tiakia Mini Bike Pump is a portable and efficient solution for inflating various items, including bicycle tires, sports balls, and inflatable toys. Designed for ease of use and durability, this pump features a high-pressure capacity and compatibility with multiple valve types.

KEY FEATURES

- **High Pressure Capacity:** Achieves up to 260 PSI for fast and efficient inflation.
- **Multi-Valve Compatibility:** Supports Presta, Schrader, and Woods/Dunlop valves.
- **Compact & Portable:** Lightweight aluminum alloy design, easy to carry and mount on a bike frame.
- **Durable Construction:** Made from anodized aluminum alloy with a wear-resistant rubber hose, suitable for various weather conditions.
- **Integrated Storage:** Carrier includes storage for hose and adapters.



Wide Application Scenarios

Can meet different inflation needs at the same time



Bike



Balloons and swimming rings



Balls

Figure 1: Wide application scenarios for the Tiakia Mini Bike Pump, demonstrating its versatility for inflating bicycles, balloons, swimming rings, and various sports balls.

PACKAGE CONTENTS

Ensure all items are present before use:

- Tiakia Mini Bike Pump
- Flexible Hose with Presta and Schrader/Woods valve ends
- Mounting Bracket with Velcro strap
- Mounting Screws
- Ball Needle Adapter
- Inflatable Toy Nozzles (various sizes)



Figure 2: All components included in the Tiakia Mini Bike Pump package, laid out for inspection.

Mounting the Pump to Your Bike

The pump can be conveniently mounted to your bicycle frame using the included bracket and screws, typically at the water bottle cage location.

1. Locate the water bottle holder screw holes on your bike frame.
2. Align the mounting bracket with these holes.
3. Secure the bracket using the provided hex screws.
4. Place the pump into the bracket and secure it with the Velcro strap to prevent rattling during rides.



- Equipped with storage box, perfect storage of ball valves and valve connecting pipes. Pump and storage integrated for easy portability.

Figure 3: The mini bike pump securely attached to a bicycle frame, ready for transport.

Identifying Valve Types

The flexible hose features two distinct ends for different valve types:

- **Red End (P):** For Presta valves, commonly found on road bikes and some mountain bikes.
- **Black End (S):** For Schrader valves, typically found on mountain bikes, city bikes, and car tires. This end also accommodates Woods/Dunlop valves with the appropriate adapter.



Multipurpose Nozzle

Compatible with AV/DV/SV and inflatable toys



Presta Valves (FV/PV)



Schrader Valve (AV)



Dunlop Valve (DV/EV)



Ball needle



The latest portable mini pump

The hose is independent and can be universally adapted to the inflation interface. Compatible with 3 valve types: Presta Valve (FV/PV), American Valve (AV), Dunlop Valve (DV/EV). The ball needle can be used to inflate inflatable toys such as balls and swimming rings.



Figure 4: The versatile nozzle of the pump, illustrating its compatibility with various valve types and accessories.

Your browser does not support the video tag.

Video 1: Demonstration of the Tiakia Mini Bike Pump's compatibility with multiple valve types, showing how to switch between Presta and Schrader connections.

Inflating a Tire

1. Unscrew the flexible hose from the pump body.
2. Identify the correct end of the hose for your valve type (Red for Presta, Black for Schrader/Woods).
3. Screw the appropriate end of the hose onto the tire valve until secure.
4. Screw the other end of the hose onto the pump body.
5. Hold the pump firmly and begin pumping by pushing and pulling the handle. The pump is designed for efficient inflation with each stroke.
6. Continue pumping until the desired pressure is reached.
7. Unscrew the hose from the pump body first, then from the tire valve.
8. Return the hose and pump to the mounting bracket for storage.



260 PSI/18 BAR High Air Pressure

Save time and effort when inflating



- The maximum pressure of this bike air pump reaches 260PSI.
- The breakthrough of the new design is to achieve the balance of saving labor and time at the most suitable angle! Therefore, this kind of air pump saves a lot of effort than the traditional air pump, and the inflation efficiency is greatly improved.



Figure 5: Proper technique for inflating a bicycle tire using the Tiakia Mini Bike Pump, highlighting the high-pressure capability.

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Video 2: Comprehensive guide on using the Tiakia 260PSI Aluminum Mini Bike Pump for various inflation needs, including detailed steps for attaching to different valve types.

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- **Cleaning:** Wipe the pump body and hose with a clean, damp cloth after use. Although IPX4 waterproof, it is recommended to keep it dry to prolong its lifespan.
 - **Storage:** Store the flexible hose and all adapters within the integrated storage compartment of the mounting bracket to prevent loss and keep them readily accessible.
 - **Inspection:** Periodically check the hose and valve connections for any signs of wear or damage. Replace if necessary to ensure optimal performance.



High Quality and Durable

High strength aluminum alloy, lighter and more durable

Nozzle can be rotated 360 degrees

It is very convenient to connect with the pump body or with the air nozzle.



Wear-resistant rubber hose

The hose adopts special temperature-resistant rubber, which is not easy to be broken and damaged.

19cm



Rhombus non-slip design

Solve the troubles of most people's sweaty palms and laborious operation.

High strength aluminum alloy

The surface is anodized, and the pump body is made of IPX4 waterproof material, which can also be used in rainy days (please keep it dry after use to prolong the service life).

Figure 6: Details of the pump's durable construction, including its non-slip grip and wear-resistant hose, emphasizing the importance of proper care.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Pump not inflating tire.	Incorrect valve connection or loose hose.	Ensure the correct hose end is used and securely screwed onto both the tire valve and pump body.
Air leaking during inflation.	Loose connection or damaged hose/valve.	Tighten all connections. Inspect the hose and valve for cracks or damage.
Difficulty reaching high pressure.	Improper pumping technique or very low tire pressure.	Ensure full strokes when pumping. For very low tires, consistent, steady strokes are key.

SPECIFICATIONS

Feature	Detail
Brand	Tiakia
Model Number	HP SH-0501A
Material	Aluminum Alloy
Maximum Pressure	260 PSI / 18 BAR
Item Weight	0.33 Pounds (approx. 150g)
Product Size	7.8 inches (approx. 19.7 cm) length
Valve Compatibility	Presta, Schrader, Woods/Dunlop
Waterproof Rating	IPX4



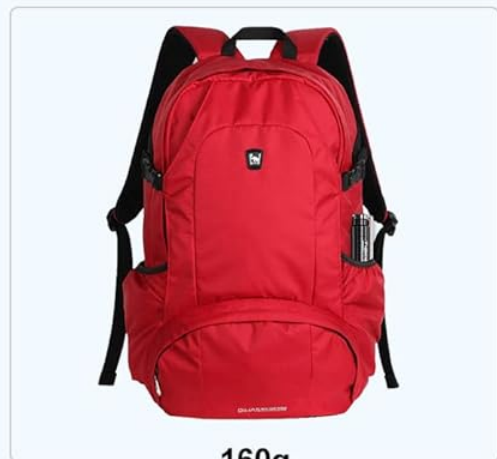
Mini and Portable

Mini size, easy to carry

Adjustable length



Easy to carry



This mini air pump is about 335 mm high, the hose length is about 187 mm, and the weight is about 160 g, which is about the weight of a cell phone.

The whole bicycle pump can be mounted on the bicycle pole, which is an ideal solution for outdoor bicycle travel.

Figure 7: Dimensions and portability features of the Tiakia Mini Bike Pump.

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Video 3: A brief overview of the Tiakia Mini Bike Pump, showcasing its design and features.

The Tiakia Mini Bike Pump comes with a **one-year warranty** from the date of purchase.

For technical support, warranty claims, or any inquiries, please contact Tiakia customer service through the retailer's platform or visit the official Tiakia website for contact information.

Please retain your proof of purchase for warranty validation.

ASK A QUESTION ABOUT THIS MANUAL

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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