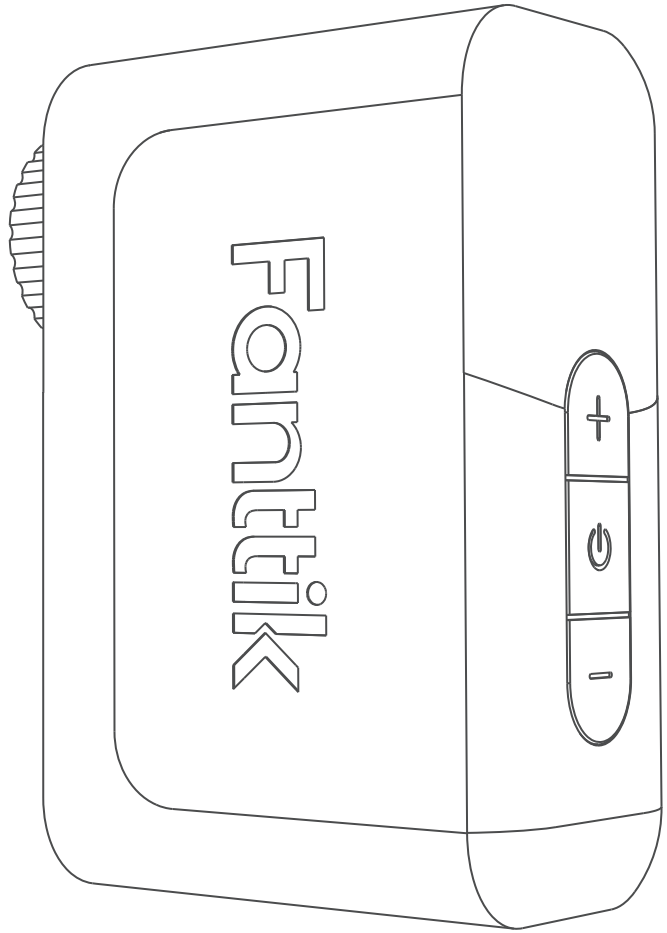
Fanttik

X10 ACE MINI Bike Pump

User Manual



Read this manual carefully before
use and keep it for future reference.

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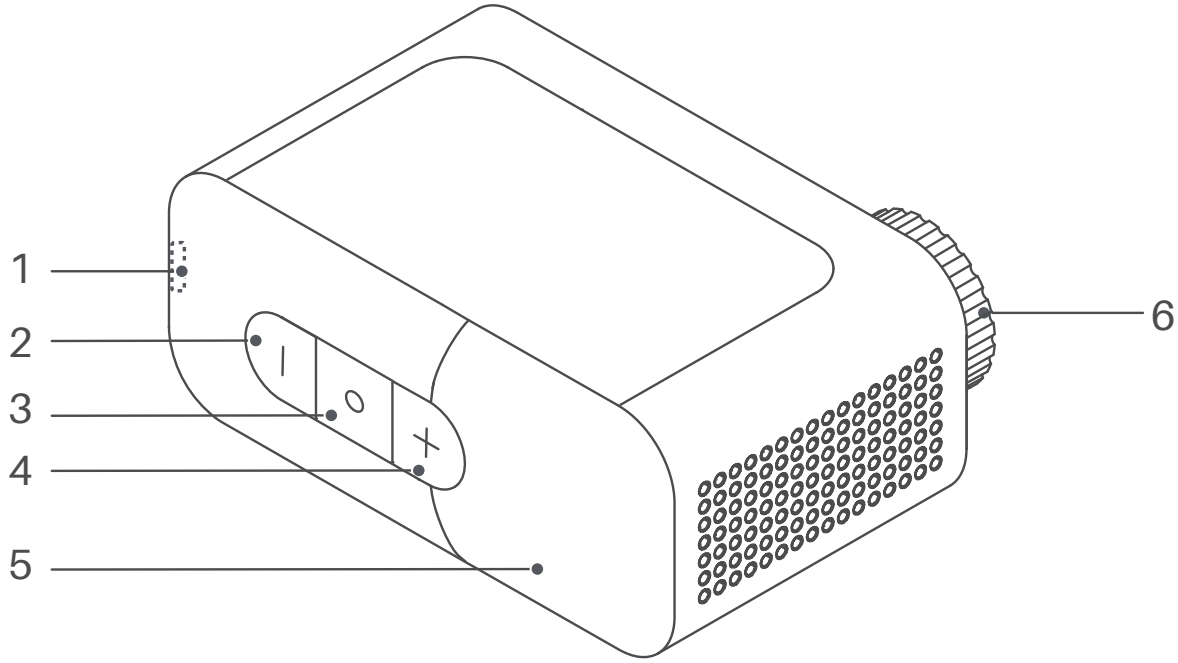
1.SAFETY INSTRUCTIONS

- The machine will produce about 80dB noise when working, please pay attention to protection.
- This product is not a toy and is prohibited for children. The recommended user age is above 16 years old. During inflation, please keep children at a safe distance from the air pump.
- The product contains a non-removable lithium-ion battery. Do not throw the product into a fire or dispose of it arbitrarily. Overheating, impacting, or submerging the lithium-ion battery poses risks of fire, spontaneous combustion, and explosion. Please avoid exposing it to high-temperature environments such as inside vehicles.
- The storage temperature of the product should not be below -10°C or above 45°C. Excessive cold or heat can shorten the product's lifespan and damage the battery.
- Do not disassemble, hit, squeeze, or cut the battery; otherwise, it may explode.
- Do not place the battery at extremely low pressure; otherwise, the battery may explode or leak flammable liquids and gases.
- If the battery is severely expanded, do not continue to use.
- Do not swallow the battery, otherwise it may cause chemical burns.
- If you think the battery may have been swallowed or placed in any part of your body, seek medical attention immediately.

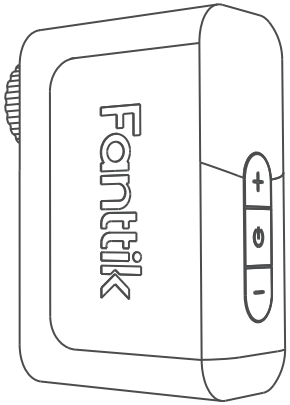
- Please do not throw the battery into the domestic waste for disposal, and please comply with the corresponding national regulations to safely dispose of the used battery.
- Long-term idling of the product may damage the battery. It is recommended to charge it at least once every three months.
- The product contains a DC motor, which may produce electrical sparks during operation. Do not use it in flammable or explosive environments.
- If abnormal sounds or excessive temperature are detected during operation, please immediately turn off the power.
- Do not leave during inflation and observe the process to prevent over-inflation due to incorrect preset pressure values.
- Use in a dry and clean environment. The ingress of dirt and dust may cause product damage. The product is not waterproof, and rinsing with water is prohibited.
- When abnormalities occur with the air pump, please try restarting it first.
- Please use a safe and compliant adapter and original charging cable to charge this product. Faults caused by not following these instructions are not covered by the warranty.
- After prolonged use of the air pump, the temperature of the valve interface and the connection between the air hose and the body rises. Do not touch to avoid burns.

2.PRODUCT OVERVIEW

1. Type-C Charging Port
2. Button"-"
3. Power/Start-Stop Button
4. “+" Button
5. Display Screen
6. Presta Valve



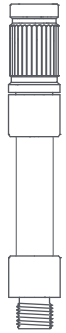
3.PACKAGE CONTENTS



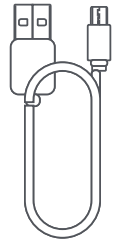
X10 ACE MINI Bike pump×1



Schrader-Presta valve adaptor×1



Air hose×1

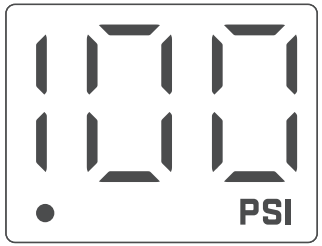


Charging Cable×1

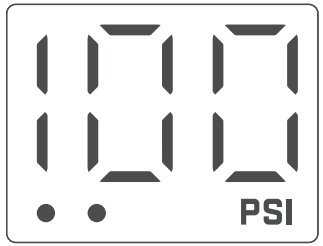


User manual×1

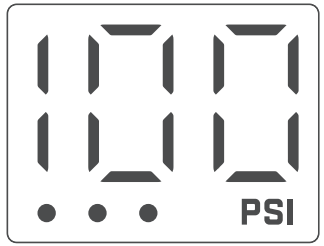
4.BATTERY LEVEL INDICATOR& CHARGING



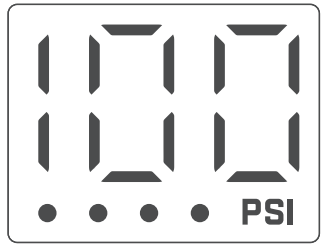
≤25%



25%＜≤50%



50%＜≤75%



75%＜≤100%

Charging

Please fully charge before first use. Use a charging cable to connect a 5V USB adapter to the air pump for charging.

Battery Level Indicators During Charging:

Charging: Battery level indicators are blinking.

Fully charged: The battery level indicator does not flash and goes off after three minutes (Power off).

Tips:

- The air pump is in power-off state during charging and cannot be used.
- You need to purchase a safe and compliant adapter yourself.
- Increased pressure load and lower ambient temperature can both lead to reduced endurance.

- To ensure normal operation, please inflate under high pressure when the battery is sufficient and charge it in time when the battery is low.

5.TURN ON/OFF

On

Press and hold the Power/Start-Stop button for about 2 seconds to turn on the air pump.

Off

In the power-on state, press and hold the Power/Start-Stop button to turn off the air pump.

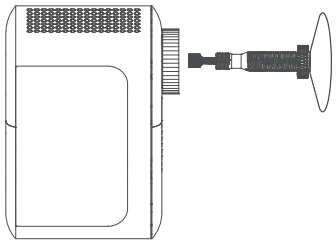
In the power-on state, if there are no operations within 3 minutes, the air pump will automatically turn off.

6.CONNECTION METHOD

Presta Valve

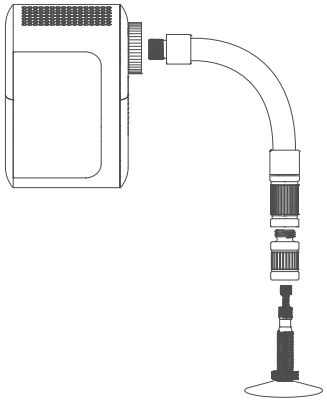
Connect the Air pump X10 Ace Mini's valve to the Presta valve on the tire to inflate. During inflation, keep the valve pressed tightly.

Note: When using the Presta valve, please screw the valve nut to the topmost position and secure it.



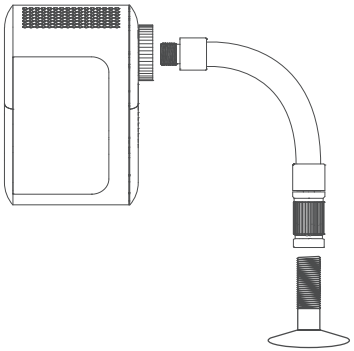
Using Valve Connection

Connect the Air pump X10 Ace Mini’s Presta valve directly to the tire's Presta valve for inflation.



Using Hose Connection

Connect the air pump to the standard high-pressure air hose, install the Presta valve adapter, and then connect to the tire's Presta valve for inflation.



Schrader Valve

Connect the Air pump X10 Ace Mini’s valve to the standard high-pressure air hose, then connect to the Schrader Valve on the tire to inflate.

7.RECOMMENDED INFLATION PRESSURE TABLE

Product Category	Product Type	Recommended Pressure Range
Bicycle	12, 14, 16 inch bicycle tires 20, 22, 24 inch bicycle tires 26, 27.5, 29 inch mountain bike tires 700c road bicycle open tire	30-50Psi 40-50Psi 45-65Psi 100-130Psi
Electric bicycle	Electric bicycle tires	26-44Psi

NOTE: The recommended inflation pressure range values are for reference only. Please refer to the operating instructions of the product being inflated. Common Unit Conversion: 1bar ≈ 14.5psi, 1bar = 100kPa.

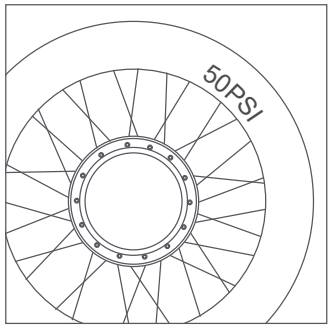
8.DETECTING THE CURRENT PRESSURE

When the air pump is in the power-on state and connected to the inflation pressure detection object, the number displayed on the screen is the current pressure. The air pump's pressure measurement range is 3-150 Psi / 0.2-10.3Bar.

9.DETERMINING THE RIGHT AIR PRESSURE

For safety, please inquire about the required inflation pressure of the item being inflated before inflating to avoid personal injury caused by explosion due to over-inflation.

Tires



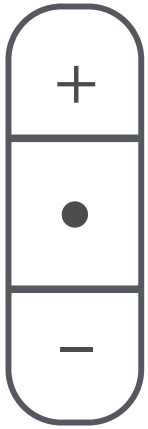
The tolerable pressure range for tires of bicycles, electric bicycles, some motorcycles, and scooters is indicated on the tire's sidewall. The inflation pressure is related to the load weight. For more detailed pressure recommendations, please consult the corresponding product manual.

10.PRESSURE PRESETS

Inflation Pressure Range

The pressure value unit is Psi, with an adjustable range of 3-120 Psi / 0.2-8.3Bar.

Adjusting Preset Values



Preset Value Adjustment: Before inflation, you can adjust the preset pressure value by short-pressing the "+" or "-" button, or long-pressing for quick adjustment.
When adjusting the preset pressure value, the digits flickering indicate the target pressure adjustment status, and the digits constantly lit indicate real-time pressure.
The value is memorable, and the air pump will display the pressure value set during the last inflation upon power-on.

Tips: The machine will automatically stop inflating if it is operated below 5 psi for one minute.
The machine will automatically stop inflating if it is operated above 100 psi for one minute.

11.START/STOP INFLATION

Start Inflation

In the power-on state, shortly press the Start-Stop button to start inflation. During inflation, the number displayed shows real-time pressure changes (if there is no pressure change and inflation stops automatically after more than one minute, please check if the tire is leaking air). Noise of about 80dB will be produced during inflation, so please take precautions. After prolonged use, the high-pressure air hose, valve interface, and body will have significant temperature increases. Avoid touching them for an extended period to prevent burns.

Stop Inflation

When the pressure reaches the preset pressure value, the air pump will automatically stop inflating. You can also stop inflation by shortly pressing the Power/Start-Stop button during the process.

Note:

Products such as balloons, toy balls, and swimming rings have inflation pressures lower than the air pump's measurement range and cannot automatically stop inflation at the preset pressure. Please use them cautiously.

12.UNSCREWING THE VALVE

After inflation is complete, the high-pressure air hose and valve interface will have high temperatures. Be careful of burns when disconnecting the valve. There will be slight air leakage when disconnecting, so please disconnect quickly to reduce air output.

13.SPECIFICATIONS

Name	Fanttik X10 Ace Mini Portable Electric tire inflator
Model	X10 Ace Mini
Item Dimensions	72×53×30mm
Length of air hose	100mm
Inflation Pressure Range	3-120Psi/0.2-8.3Bar
Pressure Measuring Range	3-150Psi/0.2-10.3Bar
Working Temperature	0℃~45℃
Storage Temperature	-10℃~45℃
Battery Capacity	3.7Wh/7.4V/500mAh
Input parameter	5V/2A
Charging Port	USB Type-C
Charging Time	Less than 1 hour
Sensor Accuracy	±1Psi

14.TROUBLESHOOTING

Problem	Solution
Slow inflation speed	1.Check whether the air compressor's battery level is sufficient. 2.Check whether the air hose is leaking. 3. Check whether both ends of the air hose are securely connected. 4. Check whether the item that is being inflated is leaking.
Air compressor turns on but does not inflate	1.Check whether the air compressor's battery level is sufficient. 2. Check if the current tire pressure is higher than the preset value.
Air compressor inflates normally but the displayed pressure is zero	Products such as balloons with low inflatable pressure are not within the range of this product.
Air compressor was already turned off after connecting the air hose to a valve	Press and hold the ON/OFF button to turn on the inflator again.
Air leaks out when connecting the air hose	Tighten the valve.

Problem	Solution
The color of the battery indicator in the inflated state is inconsistent with that in the standby state.	There is a significant voltage drop when the lithium battery is being discharged, which leads to color inconsistencies between the indicators in the inflated state and the standby state. This is not considered a fault.
Cannot be turned on	Make sure that the battery is sufficiently charged.
Cannot inflate or detect air pressure	1. Make sure that you are using the correct valve connector. 2. When using the Presta valve adapter, make sure that the screws of the tire valve core are unscrewed. 3. When using the Schrader valve adapter, make sure that the tire valve core is clean and free of foreign particles such as dirt.
Error codes H, L	lf the temperature exceeds the range, let the device cool at room temperature for one hour before use.
Error code E1	When the air pressure exceeds the range, unscrew the valve to check if the pressure is restored. lf the error code disappears, check if the pressure of the inflation target exceeds the range.

WARRANTY

This product is covered by a 12-month limited warranty for manufacturing defects.

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