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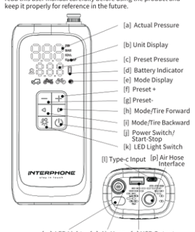
Smart air pump 4000

Manual

Cod: interphoairpump4k

Smart air pump 4000

Thank you for purchasing portable smart air pump 4000. Please read this user manual carefully before using the product and keep it properly for reference in the future.



Precautions

1. Do not leave during inflation.
2. Please do not put the electric pump near inflammable and explosive items.
3. Try to avoid moist,sediment invasion and fall.
4. Do not store the product in a place that is too cold, too hot or too humid.
5. Built-in lithium battery, Do not throw the product into the fire or throw it away casually.
6. Keep the product away from the children.

Packing List

1 x Smart air pump	1 x Ball needle
1 x Schrader Valve air hose	1 x Presta Valve
1 x Type-C Cable	1 x Manual
1 x Storage Bag	

Specification

Product Name	Smart air pump 4000
Product Brand	Interphone
Product Dimension	68×48×154mm
Product Net Weight	451g
Inflation Pressure	150 PSI
Working Temperature	-10~45℃
Battery Power	14.8Wh/7.4v
Input Parameter	5V⎓2A
USB Output	5V⎓2A

User Guide

1.Power on and off

Power on:
Long press the power button for 3 seconds to power on.
Power off:
Long press the power button for 3 seconds to power off.

2.Battery Indicator

Different indicator color on the power indicator bar show different power:
Green: 70%-100%
Yellow: 30-70%
Red: 5%-30%
Red Flash: below 5%
(In low power state, need to charge before use)

3.Start/Stop Button

Under the power on state, press the Start/Stop button to start inflation and automatically stop inflation when the preset pressure value is reached.

4.Charging Type

Type-C charging input 5V ⎓2A. Connect the charging cable to the pump and the power adapter (you need to buy your own) to charge the pump.
Power indicator bar in charging state: Indicator bar flashing: charging
When the indicator bar is long bright: it is full
Tips: Do not use the pump during charging.

5.Connect the air hose to the air nozzle

Schrader Valve

Mountain bikes, electric bikes, motorcycles, cars will be equipped with Schrader Valve.
Inflation: Connect the Schrader Valve with the Schrader Valve interface on the high pressure air hose to inflate.

Presta Valve Adapter

Road bikes and some mountain bikes need to use Presta Valve adapters when inflating.
1. Connect the Presta Valve adapter with the Schrader Valve interface on the high pressure air pipe.
2. Unscrew the Presta Valve cap of the tire.
3. The Presta Valve can be connected with the converter to inflate.

Ball Needle

Use a ball needle when inflating basketball, football and other balls.
Inflation: press the ball needle and the Schrader Valve interface tightly and insert into the ball to inflate.

6. Check the air pressure

When the air pump is on, after the air hose is connected to the inflation pressure detection object, the figure in the upper part of the air pump display is the measured pressure value.

7.Application scenario switch

Press the working mode key ⏀ to select 5 inflatable scene modes, as:

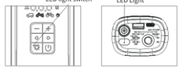
Scene Mode	Reference Default Values	Adjustable Range
Car mode	35PSI	2-65PSI
Motorcycle mode	40PSI	2.0-55PSI
Bicycle mode	38PSI	2-150PSI
Ball mode	8PSI	2-15.0PSI
Custom Mode	100PSI	2-150PSI

8. Unit switch

After long press unit switch key , you can switch the pressure display unit.
Unit conversion formula as:
1PSI=6.89KPA 1BAR=100KPA 1Kg/cm2=98 KPA.

9. LED Light

Short press the light button to turn on the light, short press the second time, the light flashes, short press the third time to turn to SOS rescue mode, short press the fourth time to turn off the lights.



10. Preset Pressure

Short Press . When below 100PSI, adjust the preset pressure +/-0.5PSI.
When above 100 psi, adjust preset pressure +/-1PSI
Long press . To quickly adjust the preset pressure.
Note: The inflator will automatically save scene switching and preset pressure value. When you use it next time, you only need to switch scene and preset pressure value will be automatically set.

11. Pressure reset

When the measured pressure value is not 0.0, press the key at the same time for 2 seconds, and the display will return to zero after the full 3 seconds.
Note: This product will be reset after leaving factory. Due to the difference of altitude or sensor, when the measured pressure value is not 0, manual reset can improve the pressure accuracy.
Calibration not recommended at high temperature.

12. Inflation Pressure Reference

To ensure safety, please read the instruction manual to check the required air pressure of the inflatable items before inflating to avoid personal injury caused by explosion of overinflation.

13. Inflation Pressure Warning

Before using the compressor, carefully check the inflation pressure recommended by the manufacturer of the item to be inflated (e.g., tires, balls, air mattresses, etc.).
Use the compressor only within the specified pressure limits.
WARNING: Overinflation can cause permanent damage to the item or pose a risk of explosion, endangering user safety.
Always monitor the pressure using a calibrated gauge while operating the compressor.
Ensure you stop inflating immediately once the desired pressure is reached.

14. Safety Notes

Do not leave the compressor unattended while in use.
Use only in well-ventilated areas.
Keep away from heat sources and flammable materials.
Do not touch hot parts of the compressor during or after use.
Disconnect the power supply before performing maintenance or cleaning.
Do not exceed the maximum pressure indicated on the compressor.
Avoid using the compressor in the rain or humid environments.
Keep out of reach of children.
Use only compatible and certified accessories.

High Temperature Safety Precautions

When unscrewing the air hose, the air hose and the air hose connector will generate high temperature due to long working time. Do not touch the air hose with your hands for a long time

Common products air pressure

Product Category	Product Type	Pressure Range
The bicycle	Childrens toy car	18~30PSI
	10-16 inches tires	30~45PSI
	20-30 inches tires	38~55PSI
	Road bike	100~120PSI
	Xiaomi 9th balance car	40~60PSI
	A wheelchair moped	30~45PSI
The motorcycle	Motorcycles/ Electric motorcycles	26~43PSI
The automotive	The car	32~40PSI
The ball	Children toy ball	3~6PSI
	Basketball	7~9PSI
	Football	10~12PSI
	Volleyball	4~6PSI
	Rugby	10~14PSI

Malfunction Clearing

Malfunction	Troubleshooting
Slow Inflation	1.Whether the electricity is sufficient. 2.Check the air hose for air leaks. 3.Check whether the connecting parts at both ends of the air hose are tightened. 4.Check inflated items for air leaks.
It has been turned on but cannot inflate	1.Whether the electricity is sufficient. 2.Check whether the current tire pressure is higher than the preset value.
The preset pressure cannot be turned up or down	Check whether the inflating mode is correct. Select custom mode to adjust preset values from 2-150 psi.
Inflation is normal but the pressure is shown to be 0	1. Low pressure products such as balloons are not within the measurable range of this equipment. 2. In the case of empty tire, the tire pressure value can be shown only by inflating the tire for a short period of time.
After twisting the air nozzle, the tire pump has automatically shut down	3 minutes automatic shutdown, long press the start button to start again
There is air leakage when connecting the air hose	Tighten the air hose
The color of the power indicator in the inflation state is different from that in the standby state	There is an obvious voltage drop in the discharge process of the lithium battery, which leads to the color inconsistency between the indicator light in the charging state and the standby state. This phenomenon is not a fault.
The power indicator is off after charging	Replace the safety-compliant charging cable and adapter to charge again.

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EN-INSTRUCTIONS FOR THE DISPOSAL OF DEVICES FOR DOMESTIC USE (Applicable in countries in the European Union and those with separate waste collection systems)
This mark on the product or documentation indicates that this product must not be disposed of with other household waste at the end of its life. To avoid any damage to health or the environment due to improper disposal of waste, the user must separate this product from other types of waste and recycle it in a responsible manner to promote the sustainable re-use of the material resources.
Domestic users should contact the dealer where they purchased the product or the local government office for all information regarding separate waste collection and recycling for this type of product. Corporate users should contact the supplier and verify the terms and conditions in the purchase contract.
This product must not be disposed of along with other commercial waste.
This product has a battery than cannot be replaced by the user. Do not attempt to open the device to remove the battery as this could cause malfunctions and seriously damage the product. When disposing of the product, please contact the local waste disposal authority to remove the battery. The battery inside the device was designed to be able to be used during the entire life cycle of the product