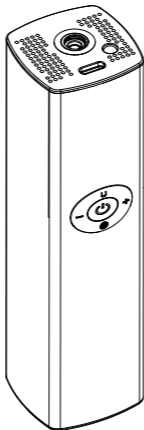


# Smart Bike Pump User Manual



# Smart Bike Pump

Thank you for purchasing the Smart Bike Pump. Please read this user manual carefully before using this product , and keep it for future reference.

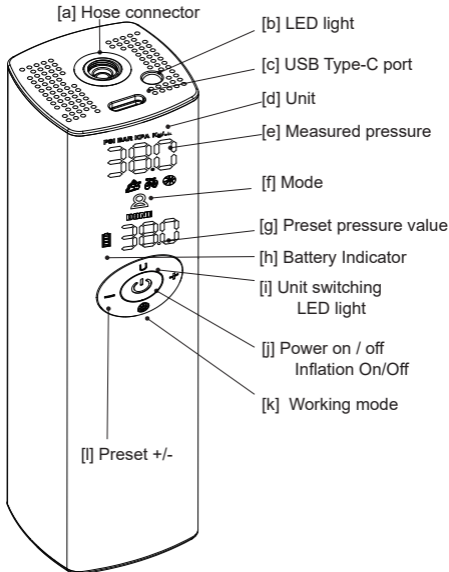
## 1. Packing list

1 x Smart Bike Pump
1 x Flexible hose with schrader valve
1 x Presta valve
1 x Inflating needle
1 x Nozzle for swimming ring
1 x Type-C cable
1 x Waterproof storage bag

## 2. Specification

Smart Bike Pump
Product model: BP188
Product size: 40x40x191mm
Weight: 380g
Inflation pressure: 120PSI (max)
Working temperature: -10~45° C
Battery capacity: 8.88Wh
Charging input: 5V/2A

## 3. Illustration

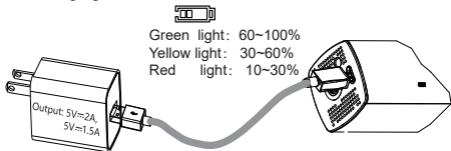


## 4. ATTENTION:

- 1) Do not leave during inflation
- 2) Keep away from combustible and explosives.
- 3) Avoid moisture, sand and prevent from falling.
- 4) Do not store the product in a place that is too cold or hot.
- 5) It is forbidden to throw the product into fire or discard it at random due to the built-in lithium battery.
- 6) Not for children

## 5. How to use

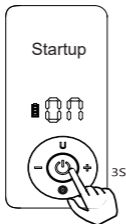
### 5.1 Charging method



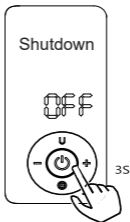
The USB charger is recommended to use 5V / 2A. Use the Type-C charging cable to connect the air pump and power adapter (not included) for charging  
Charging status: battery indicator flashes

Full state: the battery indicator is green and does not flash  
The product cannot be used during charging.

## 5.2 Startup and shutdown




\*Long press the power button for 3 seconds, as shown in the figure. Switch on successfully



\*Long press the power button for 3 seconds, as shown in the figure. Shut down successfully  
 \*Automatic shutdown in 3 minutes without operation  
 \*Automatically shut down when battery is low

## 5.3 Mode switching

Short press mode selection key [k] , you can choose 5 inflatable scene modes. They are:

Scene mode	Reference value	Adjustable range
Car mode	35PSI/2.4bar	0-65PSI
Motorcycle mode	40PSI	0-55PSI
Bicycle mode	38PSI	0-120PSI
Custom mode	100PSI	0-120PSI
Ball mode	8PSI	0-15PSI

## 5.4 Unit switching

Short press the unit switch key [i], you can switch the air pressure display unit. The unit conversion formula is shown below

$$1\text{PSI} = 6.89\text{KPA} \quad 1\text{BAR} = 100\text{KPA} \quad 1\text{Kg/cm}^2 = 98\text{KPA}$$

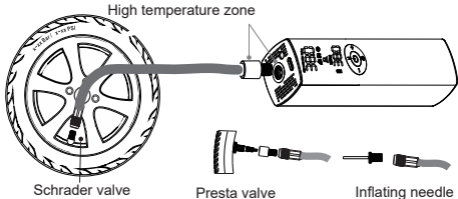
## 5.5 Preset pressure value

Short press +/- button [I]: adjust the preset pressure value +/- 0.5PSI  
Long press +/- button [I]: can quickly adjust the preset pressure value

Note: The scene switch and preset pressure value are automatically saved by the pump. You only need to switch the mode for the next use, and the preset pressure will be automatically set.

## 5.6 Hose connection

The connection of the hose is shown in the following figure:



## 5.7 Start inflation

Short press the inflation switch [j] to start inflation. The digital display of the real-time air pressure value [e] changes during inflation. Noise cannot be avoided during inflation, and the hose will be heated after long-term work.

Avoid touching the hose and joints [a] by your hands after long-term use.

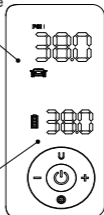
## 5.8 Stop inflation

\* Short press the inflation switch [j] to stop inflation manually.

\* When the measured pressure [e] reaches the preset pressure [g], stop inflation automatically.

[e] Measured pressure

[g] Preset pressure



## 5.9 LED Lighting

\* Long press LED [i] to turn on LED lighting.

\* Press and hold the LED light button [i] to turn off the LED light.

## 5.10 Measuring pressure

After switching on, connect the hose to the measured object, and the measured pressure value [e] shows the current pressure value.

## 5.11 Reset the pressure

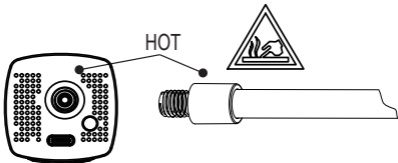
After switching on, when the measured pressure value is not zero, press the preset +/- key [l] for 3 seconds to enter auto reset.

**Note:**

The product has been calibrated the factory. Due to the difference in altitude or the sensor tolerance, the measured pressure may not be zero, manual clearing can improve the accuracy of pressure detection. Do not connect inflatable objects when resetting.

## 6 High temperature safety precautions

When the hose is unscrewed, the air pipe and the joint will be heated due to long-term work. Do not touch it with your hands for a long time.





## 7 Common product pressure values

Category	Type	Pressure value
Bicycle	Stroller	18~30PSI
	10~16inch tyre	30~45PSI
	20~30inch tyre	38~55PSI
	Road bike	90~120PSI
	Scooter / Wheelchair /Moped	30~45PSI
Motorcycle/ Electric car		28~55PSI
Car	Car	2.2~2.8Bar
Ball	Toy ball for kids	3~6PSI
	Basketball	7~9PSI
	Football	10~12PSI
	Volleyball	4~6PSI
	Rugby	10~14PSI

