

# airmoto

## Smart Air Pump User Manual



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## Catalog

INSTRUCTION (EN) -----01-08

### Portable Smart Tire Inflator

**NOTE: AIR HOSE IS STORED INSIDE THE DEVICE. PRESS THE RELEASE BUTTON ON THE BOTTOM**

**TUTORIAL: [GetAirmoto.com/HowTo](http://GetAirmoto.com/HowTo)**

#### 1. Packing list

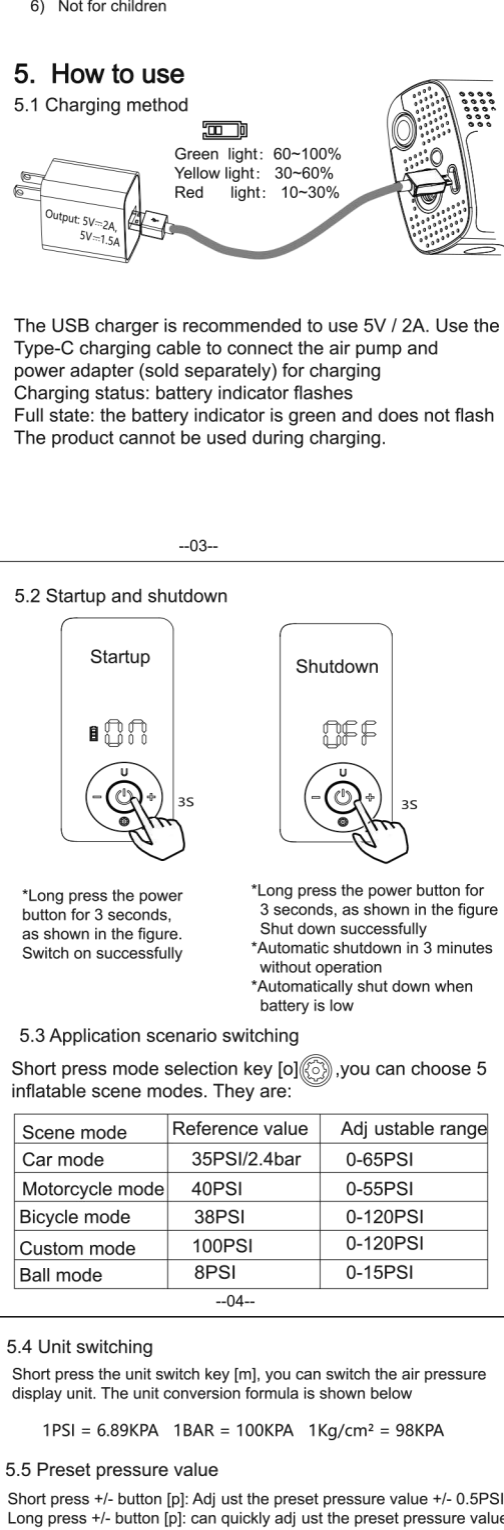
- 1 x smart air pump
- 1 x flexible hose (US standard connector)
- 1 x French standard adapter
- 1 x ball needle
- 1 x nozzle for swimming ring
- 1 x Type-C cable

#### 2. Specification

- Product name: Portable smart air pump
- Product model: BP198
- Product size: 38 x 60 x 152mm
- Weight: 340g
- Inflation pressure: 120PSI (MAX)
- No-load flow: 20L/M
- Charging temperature: 0 ~ 45°C
- Working temperature: -10~60
- Battery capacity: 2000mA/7.2V (14.4WH)
- Charging input: 5V/2A
- USB output: 5V/1.5A
- Charging time 2.5~4.5h
- Pressure accuracy +/- 1PSI
- LED lighting 0.5W
- Over-current protection: 9A/1S
- Over discharge protection: 6V

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#### 3. Illustration



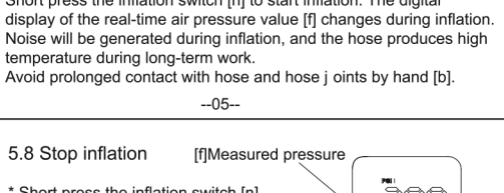
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#### 4. ATTENTION:

- 1) Do not leave during inflation
- 2) Keep away from combustible and explosives.
- 3) Avoid moisture, sand and fall.
- 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

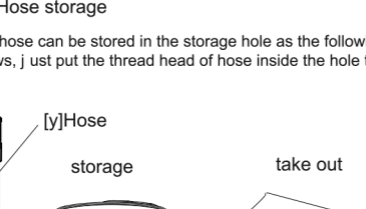
##### 5.1 Charging method



The USB charger is recommended to use 5V / 2A. Use the Type-C charging cable to connect the air pump and power adapter (sold separately) 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.

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##### 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 Application scenario switching

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

Scene mode	Reference value	Adj ustable 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

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##### 5.4 Unit switching

Short press the unit switch key [m], 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 [p]: Adj ust the preset pressure value +/- 0.5PSI  
Long press +/- button [p]: can quickly adj ust the preset pressure value

Note: The scene switch and preset pressure value are automatically saved by the software. You only need to switch the scene for the next use, and the preset pressure is 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 [n] to start inflation. The digital display of the real-time air pressure value [f] changes during inflation. Noise will be generated during inflation, and the hose produces high temperature during long-term work. Avoid prolonged contact with hose and hose j oints by hand [b].

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##### 5.8 Stop inflation [f] Measured pressure

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

\* When the measured pressure [f] reaches the preset pressure [h], stop inflation automatically.



##### 5.9 LED Lighting

- \* Long press LED [m] to turn on LED lighting.
- \* Press and hold the LED light button [m] to turn off the LED light.

##### 5.10 Hose storage

The hose can be stored in the storage hole as the following figure shows, j ust put the thread head of hose inside the hole to store.



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##### 5.11 Measuring pressure

After switching on, connect the air pipe to the measured obj ect, and the measured pressure value [f] shows the current pressure value.

##### 5.12 Air release valve

Connect the air pipe to the measured obj ect and press the air release valve [a] to deflate.

##### 5.13 Clearing the pressure

After switching on, when the measured pressure value is not zero, press the preset +/- key [m] for 3 seconds at the same time to enter auto clear.

Note:  
The product has been cleared from the factory. When the difference in altitude or the sensor tolerance shows that the measured pressure is not zero, manual clearing can improve the accuracy of pressure detection. Do not connect inflatable obj ects when clearing.

#### 6 High temperature safety precautions

When the hose is unscrewed, the air pipe and the j oint will generate high temperature due to long-term work. Do not touch it with your hands for a long time.



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#### 7 Common product pressure values

category	Type	Pressure value
bicycle	Stroller	18~30PSI
	10~16inch tire	30~45PSI
	20~30inch tire	38~55PSI
	road bike	90~120PSI
	scooter / wheelchair /Moped	30~45PSI
motorcycle/ Electric car		28~55PSI
car	car	2.2~2.8Bar
ball	Children's toy ball	3~6PSI
	basketball	7~9PSI
	football	10~12PSI
	volleyball	4~6PSI
	Rugby	10~14PSI

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