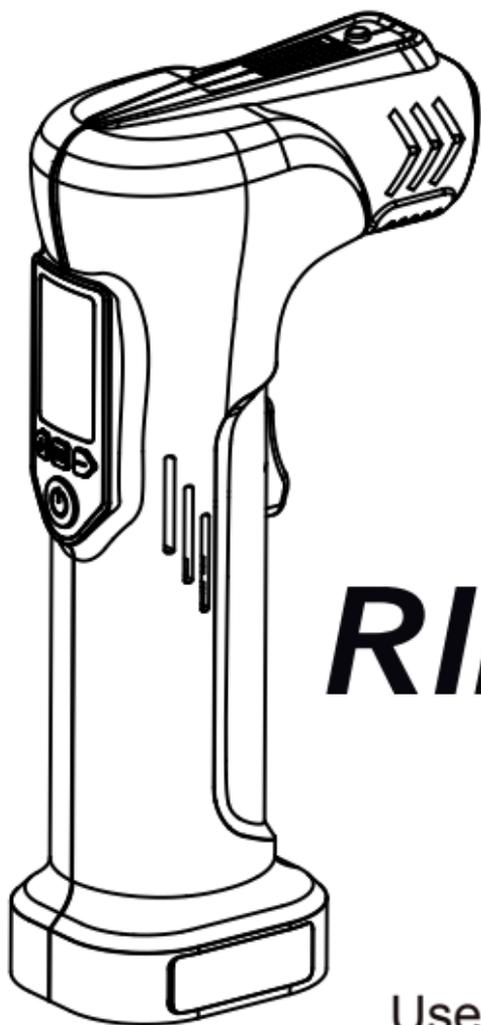


DONROX®

Portable USB compressor



RIDE
A922

User manual

Portable Smart Air Pump

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

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 USB cable
- 1 x DC Car cigarette lighter adapter
- 1 x Storage Bag

2. Specification

Product name: Portable smart air pump

Product model: AP3

Product size: 104*56*201mm

Product weight: 485 g

Inflation pressure: 150PSI (MAX)

No-load flow: 30L / M

Charging temperature: 0 ~ 45 °C

Working temperature: -10 ~ 60 °C

Battery capacity: 2000mA / 11.1V (22.2WH)

Charging input: 5V / 2A

USB output: 5V / 1.5A

Charging time: 2.5 ~ 4.5h

Pressure accuracy: +/- 1PSI

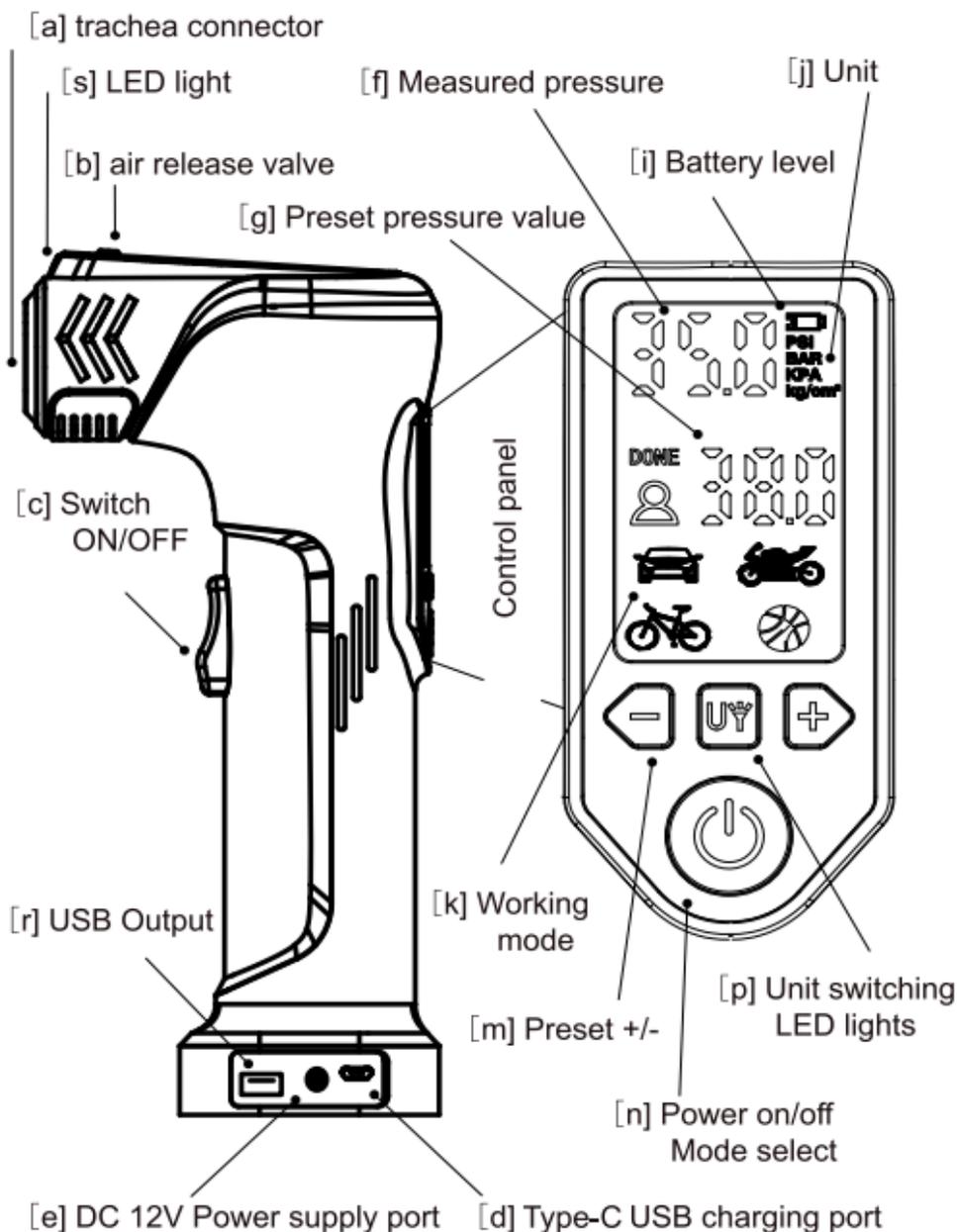
LED lighting: 0.5W

Vehicle power supply: 12V / 6A

Overcurrent protection: 19A / 1S

Over discharge protection: 8V

3. Illustration



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

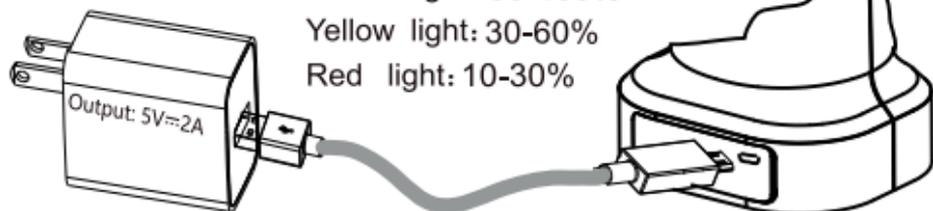
5.1 Charging method



Green light: 60-100%

Yellow light: 30-60%

Red light: 10-30%



The USB charger is recommended to use 5V / 2A. Use the Type-C USB charging cable to connect the air pump and power adapter (purchased by yourself) 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 Start up and shutdown



Power ON



Power OFF

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

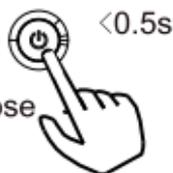
*Long press the power button for 3 seconds, as shown in the figure Shut down successfully

*Automatic shutdown in 3 minutes without operation

*Automatically shut down when battery is low

5.3 Application scenario switching

Short press mode selection key [n], 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	0-150PSI
Custom mode	100PSI	0-150PSI
Ball mode	8PSI	0-15PSI

5.4 Unit switching



Short press the unit switch key [p], 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



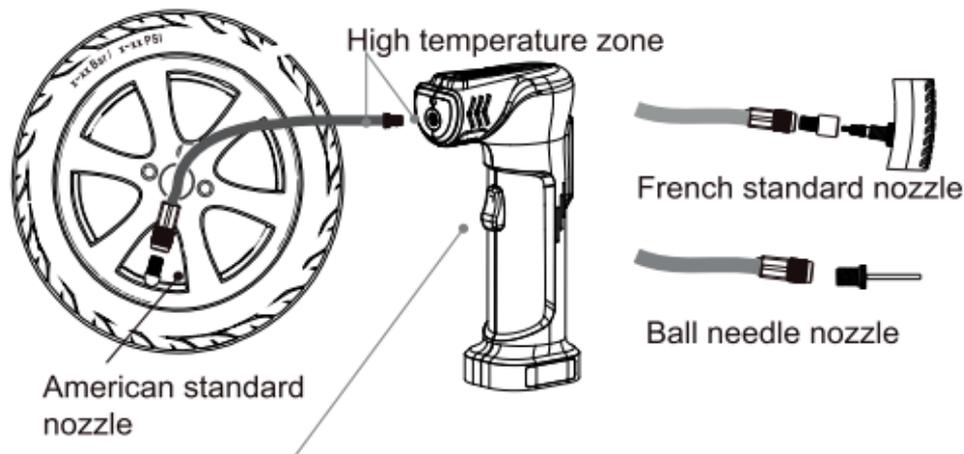
Short press +/- button [m]: Adjust the preset pressure value +/- 0.5PSI
Long press +/- button [m]: can quickly adjust the preset pressure value

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 [c] 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 joints by hand [a].

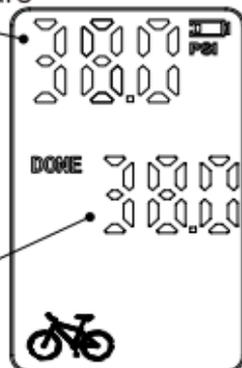
5.8 Stop inflation

[f] Measured pressure

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

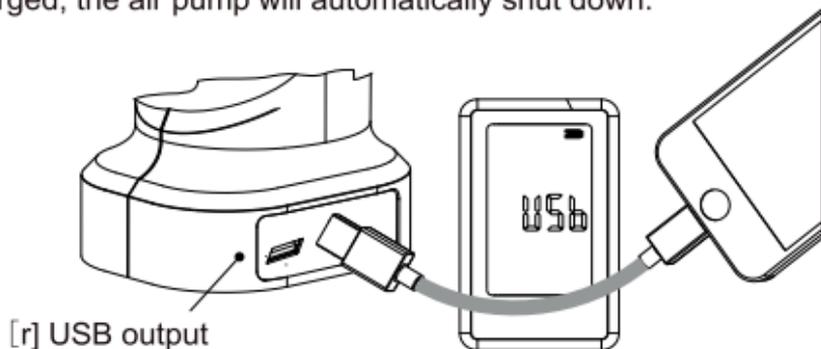
* When the measured pressure [f] reaches the preset pressure [g], stop inflation automatically.

[g] Preset pressure



5.9 USB Power Bank Function

USB output of 5V / 1.5A can charge the smart phone 1 ~ 2 times, Switch on to charge the mobile. When the battery is low or fully charged, the air pump will automatically shut down.



5.10 LED Lighting



* Long press LED [p] to turn on LED lighting.

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

5.11 Measuring pressure

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

5.12 Air release valve

Connect the air pipe to the measured object and press the air release valve [b] to deflate.

5.13 Clearing the pressure



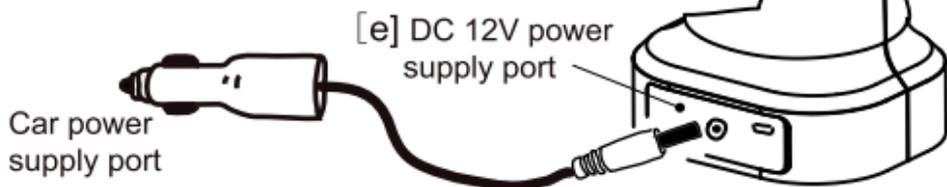
After switching on, when the measured pressure value is not zero, press the preset "+" and "-" keys [m] for 3 seconds at the same time to enter auto clear.

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 objects when clearing.

5.14 Car power supply

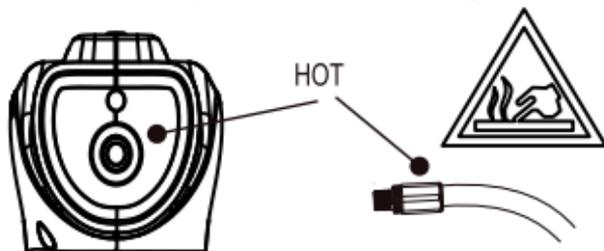
When the battery capacity of the air pump is low, the car power supply can actuate the air pump. [e] DC 12V power supply port, working current is 6A.



6 High temperature safety precautions

When the hose is unscrewed, the air pipe and the joint will generate high temperature due to long-term work.

Do not touch it with your hands for a long time.



7 Common product pressure values

Category	Types	Pressure value
Bicycle	Buggy	18~30PSI
	10~16 inch bicycle	30~45PSI
	20~30 inch bicycle	38~55PSI
	Road cycling	90~150PSI
	Scooter / wheelchair / booster	30~45PSI
Motorcycle/ Electric Vehicle		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

Product

Donrox Ride A922 meets the requirements and aims of the following EU directives and complies with the harmonized European standards (EN) published in the Official Journal of the European Communities:
Electromagnetic Compatibility Directive
2014/30/EU

RoHS Directive 2011/65/EU (and
Commission Delegated Directive (EU)
2015/863

Photobiological safety of lamps
2014/35/EU

In conjunction with the following
harmonised standards and where
appropriate other technical standards
and specifications

EN IEC 55014-1:2021

EN IEC 55014-2:2021

EN IEC 55015:2019+A11:2020

EN 61547:2009

IEC 62321

EN 62471:2008

The EU declarations of conformity are available for the responsible authorities according to the at the other side mentioned EU directive at the following address:

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THE NETHERLANDS

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