DONROX®
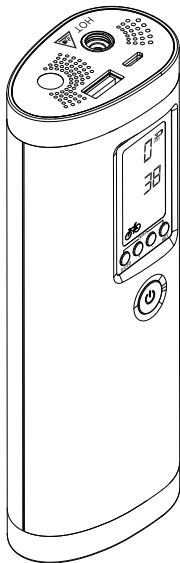
RIDE
F511

Portable USB Compressor

Electric Air Pump

Thank you for purchasing the Electric Air Pump.
Please read this user manual carefully before using the item
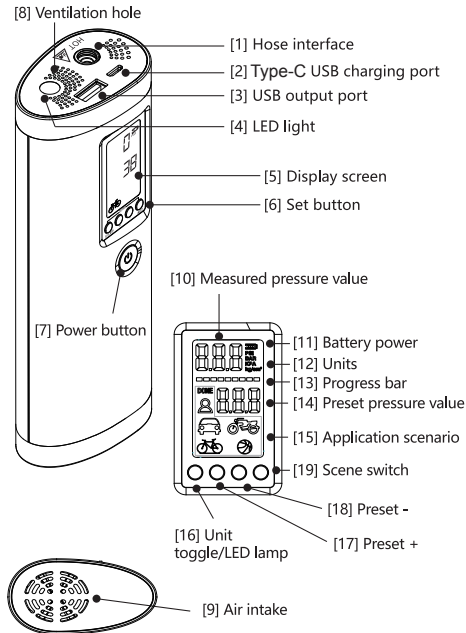and keep it properly for reference.

1. Packing List
1 × Air Hose
1 × Ball Air Needle
1 × Air Nozzle Adapter
1 × Swimming Ring Nozzle
1 × Type-C USB Cable
1 × Storage Bag
1 × User Manual

2. Specifications
Product Name: Air Pump
Product Dimension: 38 × 60 × 152mm
Net Product Weight: 385 g
Inflatable Pressure: 150PSI (MAX)
Air Volume: 20L/M
Charging Temperature: 0~45 ℃
Working Temperature: -10~60 ℃
Battery Capacity: 2000mAH/7.4V (14.8Wh)
Charging Input: Type-C USB 5V/2A
USB Output: 5V/2A
Charging Time: 2.5~4.5 hours
Pressure Accuracy: ±1 PSI
LED Lighting: 1W
Working Noise: 80dB
Over-current Protection: 10A
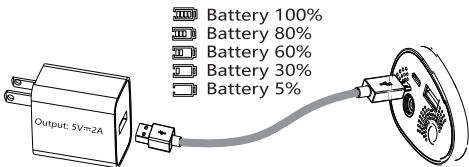Over-discharge Protection: 6V
Over Temperature Protection: 65 ℃

3. Product Diagram

[8] Ventilation hole

[1] Hose interface

[2] Type-C USB charging port

[3] USB output port

[4] LED light

[5] Display screen

[6] Set button

[7] Power button

[10] Measured pressure value

[11] Battery power

[12] Units

[13] Progress bar

[14] Preset pressure value

[15] Application scenario

[19] Scene switch

[18] Preset -

[17] Preset +

[16] Unit toggle/LED lamp

[9] Air intake

4. Warning

1) Do not leave while inflating.
2) Please do not approach the product to flammable and explosive items.
3) Keep the product away from dust, moisture and prevent it from falling.
4) Do not store the product where is too hot or too cold, otherwise the service life of product will be reduced.
5) Never throw the product into fire or dispose at will as there is a in-built battery inside.
6) Keep the item out of reach of children.

5. Operating Introductions

Battery 100%
Battery 80%
Battery 60%
Battery 30%
Battery 5%

Output: 5V=2A

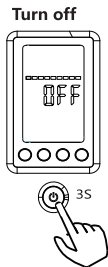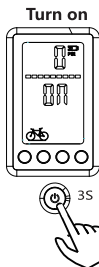USB adapter output: 5V ⎓ 2A

5.1 Charge the air pump

Use the charging cable to connect the inflatable treasure with the power adapter (not included) for charging.
Charging: battery icon flickers.
Full charged: battery icon does not flicker.
● The display screen automatically goes out after 10seconds without operation. You need to short press the power button [7] to see the charging state.
● The product cannot be used during charging.

5.2 Turn on/off

Turn on

Turn off

Starting Up: long press the power button for 3 seconds and wait for the progress bar to complete. As shown in the figure, the boot was completed.

Shut Down: long press the power button for 3 seconds and wait for the progress bar to complete the shutdown.

- Shut down automatically for 3 minutes without operation.
- Automatically shutdown when the battery is low.

5.3 Scene switch

Short press the SET button[19], you can select 5 modes of inflatable special scene.

Mode	Default	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 switch

Short press the U/LED button[16] to switch the air pressure unit. The unit conversion formula is as follows:

1PSI = 6.89KPA   1BAR = 100KPA   1Kg/cm² = 98KPA

5.5 Preset pressure value

Short press the preset +/- buttons[17]/[18] to adjust the preset pressure. Long them to adjust the value[14] quickly.
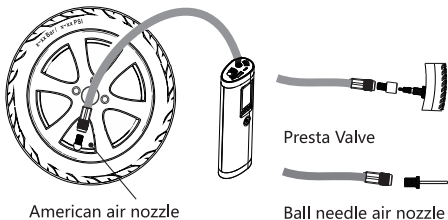Note:
The device can automatically preset the air pressure value according to the scene you choose.
The device has a memory function - when you turn it on , the scene will be same as that you chose last time.

5.6 Connect air hose

The way to connect the air hose is as follows:

American air nozzle

Presta Valve

Ball needle air nozzle
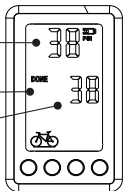
5.7 Start air inflation

Short press the power button to start air inflation. During inflation the display shows the real-time pressure value.

5.8 Cancel air inflation
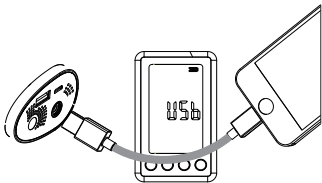
Short press the power button[7] to stop inflating.
When the air pressure reaches the preset pressure value, the inflatable treasure automatically stops inflating.

- Measured pressure value
- Inflation completed
- Preset pressure

5.9 USB power bank output

USB output 5V ≤ 2A. You can charge your smart phone once. It needs to be turned on when charging, when the battery is low or the phone has been fully charged, the air pump automatically shut down.

5.10 LED lighting
Long press the U/LED button[16] to turn on/off the light.
5.11 Measure air pressure
After turning on the device, connect the air hose with the measured item, the current air pressure value will be displayed on the display[10].
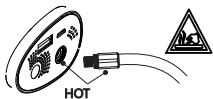**5.12 Clear readings**
After turning on the device, if the measured pressure value is not 0, press the U/LED [16] and the SET [19] button for 3 seconds at the same time, the device will enter the automatic reading clearing process, and the display will flash rapidly. Note: The product has been cleared from the factory. Due to altitude differences, clearing readings can increase the measurement accuracy. Do not connect the inflated items when clearing.

5.13 Tips
1) When unscrew the air hose, there would be heat caused by a long-running at the joint of the air hose and the interface[1]. Don't touch it with your hands for long time.

HOT

2) The air pressure of balloon, swimming ring, toy ball and other low pressure products is below the minimum pressure detection range, can not preset the pressure value, please use carefully.

5.14 Common product & air pressure reference table

Product Type	Product	Pressure Range
Bicycle	Buggy	18~30PSI
	10~16 inch bicycle	30~45PSI
	20~30 inch bicycle	38~55PSI
	Road cycling	90~150PSI
	Balance car, Wheelchair booster	30~45PSI
Motorcycle/ Electric Vehicle	Motorcycle / Electric Vehicle	28~55PSI
Car	Small 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 F511 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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	6001 GJ Weert
	The Netherlands

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THE NETHERLANDS

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