

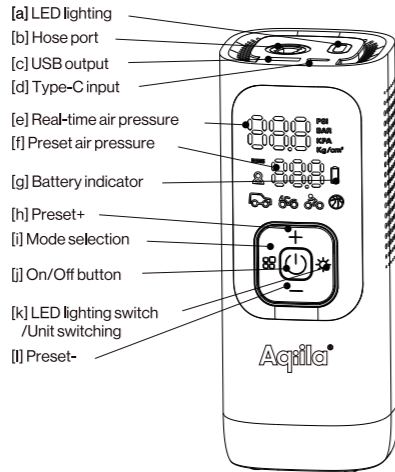
# Aquila® Electric Pump User Manual



Model: Airbird C7

## Smart Electric Pump

Thank you for purchasing mini electric air pump. Please read this user manual carefully before using the product and keep it properly for reference.



## Attention

1. Do not leave away from the product when using.
2. The pump could be high temperature or utter a abnormal sound during using. Please turn it off to cool down. And do not use it again until it becomes cool.
3. Keep away from combustible and explosives.
4. Avoid moisture, sand and falling.
5. Do not store the product in a place that is too cold or hot. Since the inflator is equipped with lithium battery, do not put it into fire or discard casually.
6. Keep it away from children.

## Packing list

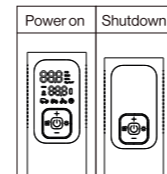
1 x Smart electric pump	1 x Ball needle
1 x Schrader connect hose	1 x Dunlop Valve
1 x Type-C charging cable	1 x Storage bag
1 x Presta	1 x User manual

## Specification

Dimension	160x63x62mm
Weight	579g
Max Air Pressure:	11BAR - 160 PSI
Working temperature	-10-45°C
Battery Capacity:	3x2500 mAh / 11.1V / 27.75Wh
Input USB-C:	5 - 9V / 1 - 2A
Output USB-A:	5 - 9V / 1 - 2A

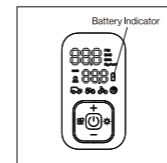
## Instruction

### 1. On/Off



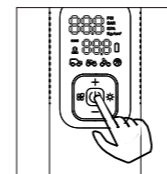
**Power on:**  
Press and hold the power button for 3 seconds to turn on the pump.  
**Shutdown:**  
Press and hold the power button for 3 seconds to turn off the pump.

### 2. Battery Indicator



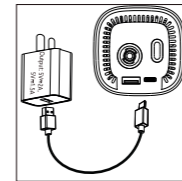
Different color of indicators on the bar show different battery levels:  
Green: 70%-100%  
Orange: 30%-70%  
Red: 5%-30%  
Red flash: 5% or less  
(It is in a low battery state and needs to be charged before use)

### 3. Start Inflation and Stop Inflation



In the power-on state, short press the start-stop button to start the inflation and automatically stop inflation when the preset air pressure value is reached.

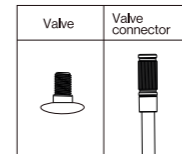
### 4. Charging



Type-C charging input 5V --- 2A.  
Use the charging cable to connect the pump and the power adapter (not included) to the pump for charging. When the indicator bar is flashing green: charging. When the indicator bar is solid green: fully charged.  
Tips: The pump cannot be used during charging.

### 5. Connect Valve to Hose

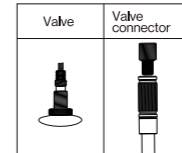
Schrader Valve (+Dunlop Valve)



The bicycles, electric bicycles, motorcycles, and automobiles will be equipped with Schrader valve.  
Charger: Connect the Schrader valve to the connector on the high-pressure hose to start a inflation.

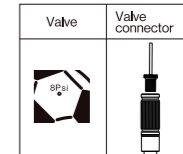
**Use Schrader Valve first to attach the Dunlop Valve.**

Presta



Road bikes and some other bikes need to use a Presta adapter when inflation.  
**Inflation:**  
1. Connect the Presta adapter to the connector on the high pressure hose.  
2. Unscrew the Presta cap of the tire.  
3. Connect the Presta to the connector to charge.

### Ball Needle

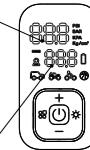


Balls, such as basketballs and footballs, need to be filled with a ball needle.  
**Inflation:** After pressing the ball needle and the Schrader connector firmly, insert the needle into the filling hole of the ball to Inflate.

### 6. Check The Air Pressure

When the pump is power-on, the gas pipe is connected to the charging. After the pressure detection object, the pump display Half of the figures are measured air pressure values.

Real-time pressure



Preset pressure

### 7. Mode Switching

Short press the working mode button (⊗) to select 5 inflating scene modes, namely:

Scene mode	Suggested value	Adjustable range
Car mode	2.4BAR	0.1 - 4.4BAR
Motorcycle mode	2.7BAR	0.1 - 3.7BAR
Bike mode	38PSI	2- 150PSI
Custom mode	1 00PSI	2- 160PSI
Ball mode	8PSI	2- 15PSI

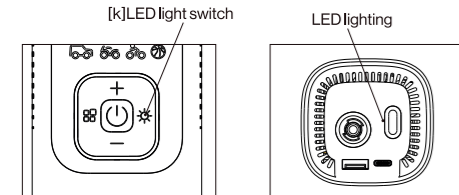
### 8. Unit Switching

Short press (⊗) to switch the air pressure display unit.



Unit conversion formula: 1BAR = 14.5PSI

## 9.LED Lighting

After a long press , the LED lighting is turned on, and a long press again will turn it off.



## 10.Preset Pressure

Short press : Adjust the preset air pressure value +/-0.5PSI.  
Long press : You can quickly adjust the preset air pressure value.

Note: The scene switching and the preset air pressure value software will be automatically saved, and the next time you use it, you only need to switch the scene, and the preset air pressure value will be automatically set.

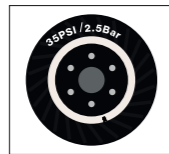
## 11.Calibration

After the power is turned on, the hose is not connected to the charging object. When the measured pressure value is not 0.0, press the key for 2 seconds at the same time, and the display will return to normal after it is fully illuminated.  
Note: This product is reset at the factory. Due to altitude or sensor differences, when the measured air pressure value is not zero, manual reset can improve the air pressure accuracy. Calibration is not recommended at high temperature.

## 12.Checking the Suggested Pressure

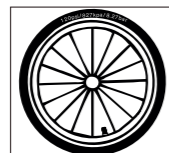
In order to ensure safety, before charging, please check the needs of the charged items by reading the instructions and other means, to avoid any injury due to explosion caused by overcharging.

### Car Tire



The air pressure range of a car's tires is marked on the side of the tire. The charging pressure is related to the load weight. For more detailed air pressure recommendations, please refer to the manual of the relevant vehicle.

### Bicycle Tire



The air pressure range of a bicycle tire is marked on the side of the tire. The charging pressure is related to the load weight. For more detailed air pressure recommendations, please refer to the manual of the relevant vehicle.

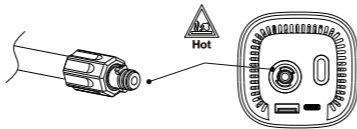
### Balls



The filling pressure of balls such as balls, basketballs, and volleyballs is marked around the filling holes. The charging pressure is related to the load weight. For more detailed air pressure recommendations, please refer to the manual of the relevant ball.

## Safety Precautions

When unscrewing the hose, the hose and joint will generate high temperature due to long-term work. Please do not keep in contact for a long time.



## Air Pressure Value of Common Products

Category	Type	Pressure Range
Car	Car	2.2-2.8BAR
Motorcycle	Motorcycle	1.8-3.0BAR
Bicycle	Stroller	18-30PSI
	10-16inch tire	30-45PSI
	20-30inch tire	38-55PSI
	Road bike	100-120PSI
	Scooter/Wheelchair/Moped	30-45PSI
Balls	Toy ball for kids	3-6PSI
	Basketball	7-9PSI
	Football	10-12PSI
	Volleyball	4-6PSI
	Rugby	10-14PSI

## Troubleshooting Guide

Symptom	Solutions
Slow inflation	1. Check whether the battery is fully charged. 2. Check the air pipe for leaks. 3. Check whether the connection parts at both ends of the air pipe are tightened. 4. Check whether the inflated items are leaking.
Can't inflate on boot	1. Check whether the battery is fully charged. 2. Check whether the current tire pressure is higher than the preset value.
The preset pressure cannot be adjusted	Check if you choose the incorrect mode, select the Custom Mode to adjust the preset value in the range of 2-160PSI.
Can do inflate but the air pressure display does not change	1. Low-pressure products such as balloons are not within the measurable range of the device. 2. In the case of an empty tire, the tire pressure value can be displayed after a short period of inflation.
The inflator automatically shut down after connecting hose	The pump will shutdown automatically after 3 minutes with no operation, long press the start button to restart.
There is leakage when connecting the hose	Tighten the hose
The color of the power indicators in charging state is different from that in standby state.	The power lithium battery has a significant voltage drop during the discharge process, which causes the color of the indicator light in the charging state and the standby state to be inconsistent. This phenomenon is not a malfunction.
The power indicator does not light up after charging.	Replace with a safe and compliant charging cable and adapter to recharge.



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