

# USER MANUAL

## X1



SCAN for more

User Manual  
Manual del usuario  
Benutzerhandbuch  
Manuale Utente  
Manuel d'utilisation  
取扱説明書



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AP-X1-RTN-4L-2520



ALL ABOUT PASSION

## Basic parameters

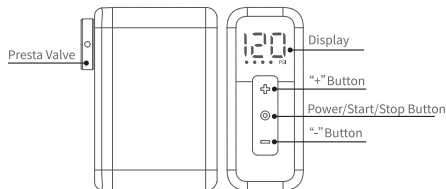
Product Name	Mini Bike Pump	Product Model	AP-X1
Product Dimensions	72*53*30mm	Battery Capacity	500mAh(3.7Wh)
Inflation Pressure Range	3-120psi	Charging Port	USB Type-C
Pressure Measurement Range	3-150psi	Screen Size	16.25*14mm
Sensor Accuracy	±1psi	Input Parameters	5V-2A
Storage Temperature	-10°C-45°C	Charging Time	Less than 1 hour
Operating Temperature	Charging: 0°C to 45°C Discharging: -10°C to 45°C	Operating Noise	80 dB at 1 meter distance

## Table of Contents

English .....	1
Español .....	8
Deutsch .....	14
Italiano .....	20
Français .....	26
日本語 .....	32

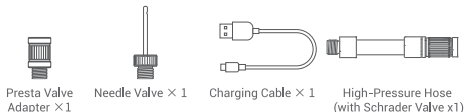
For more product details  
please visit: [www.coospo.com/faq](http://www.coospo.com/faq)

## Component Description

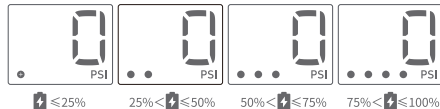


**Note:** The illustrations of the product, accessories, and user interface in this manual are for reference purposes only. Please refer to the actual product for accuracy.

## Accessories List



## Battery Indicator and Charging



## Charging

Before using for the first time, please fully charge the pump. Connect the charging cable to a 5V USB adapter to charge the pump.

**Charging Status Indicators:**

Charging: The battery indicator flashes.

Fully Charged: The battery indicator stops flashing (pump is off).

**Note:**

- The pump is off during charging and cannot be used.
- Please purchase a safety-approved adapter separately.

## User Guide

### Power On/Off

Power On:

Press and hold the power/start button for about 2 seconds to turn on the pump.

Power Off:

To turn off, press and hold the power/start button.

The pump will also turn off automatically after 3 minutes of inactivity.

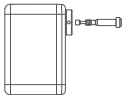
### Presta Valve

Connect the pump nozzle to the Presta valve to inflate. Keep the nozzle pressed tightly during inflation.

**Note:** Before using the Presta valve, screw the tire valve nut to the top and secure it.

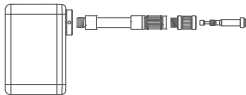
### Nozzle Connection

Connect the pump's Presta nozzle directly to the tire's Presta valve to inflate.



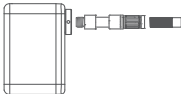
### Hose Connection

Connect the pump to the high-pressure hose, attach the Presta valve adapter, then connect it to the tire's Presta valve to inflate.



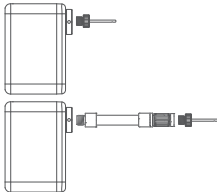
### Schrader Valve

Connect the pump nozzle to the included high-pressure hose, then connect it to the tire's Schrader valve to inflate.



### Needle Valve

Connect the pump nozzle to the needle valve or the included high-pressure hose with the needle valve, then insert the needle valve into the ball's inflation hole to inflate.



## Common Product Pressure Values

Product Category	Product Type	Recommended Pressure Range
Bicycles	12", 14", 16" Bicycle Tires	30-50psi
	20", 22", 24" Bicycle Tires	40-50psi
	26", 27.5", 29" Mountain Bike Tires	45-65psi
	700c Road Bike Clincher Tires	100-120psi
	700c Road Bike Tubular Tires	110-120psi
Motorcycle	Motorcycle & electric motorcycle tires	26-44psi
Electric bicycle	Electric bicycle tires	

**Note:** The recommended pressure range is for reference only. Please follow the guidelines in the product's manual for accurate pressure requirements.

Common Unit Conversion:

1 bar = 14.5 psi    1 bar = 100 kPa    1 psi ≈ 1 lbs (Data sourced from the laboratory)

### Pressure Detection

When the pump is powered on, connect it to the pressure detection object. The display will show the current pressure.

The pump's pressure measuring range is 3-150 psi.

### Check the Inflation Pressure

**Safety Tip:** Before inflating, read the manual or related information to make sure you know the correct pressure. Don't overinflate to avoid the risk of explosion and injury.

### Pressure Tip

The recommended tire pressure for bicycles, e-bikes, some motorcycles, and scooters is marked on the tire sidewall. Pressure depends on the load weight. For best results and safety, refer to the product manual.

### Preset Inflation Pressure

**Inflation Pressure Range:** The pump's pressure unit is psi, with an adjustable range of 3-120 psi.

### Preset Pressure Adjustment

Before inflating, you can adjust the preset pressure. Short press "+" or "-" to adjust the pressure, or long press "+" or "-" for quick adjustment.

When adjusting the preset pressure, the number will flash to indicate the target pressure adjustment. The number stays on to show the real-time pressure. The value is saved and will display the last set pressure after turning the pump on.

### Inflation Operation

In the powered-on state, press the start/stop button to begin inflating. The display will show the real-time pressure. If there is no pressure change for over one minute, inflation will stop automatically. Please check if the tire is leaking.

During inflation, the noise level is about 80dB. Please take precautions.

## Stop Inflation

When the pressure reaches the set value, the pump will stop automatically. You can also stop it manually by pressing the start/stop button.

## Special Reminder

Balloon, toys, swimming rings, and other items with lower inflation pressure than the pump's range will not stop automatically. Please use with caution.

## Unscrew the Nozzle

The nozzle and hose may be hot after inflation. Be careful to avoid burns. A small amount of air may leak out when removing, please do it quickly.

## Caution

This product is not a toy and should not be used by children. It is recommended for users aged 16 and above.

The pump has a built-in lithium battery and DC motor. Do not dispose of it or expose it to direct sunlight. Avoid overheating, impact, or water to prevent fire or explosion.

Storage temperature: -10°C to 45°C. Extreme cold or heat may shorten battery life. If not used for over 3 months, it is recommended to charge once.

If the product makes unusual sounds or gets too hot, turn it off immediately. During inflation, monitor the process to avoid overinflation.

If any issues occur, try restarting. If it doesn't return to normal, please contact customer service.

Use a qualified adapter and the original charging cable for charging.

## Battery

1. Do not disassemble or impact the battery: Do not disassemble, hit, squeeze, or cut the battery, as this may cause explosion or leakage.

2. Stop using if the battery expands: If the battery shows obvious swelling, stop using it and dispose of it properly.

3. Ensure the battery compartment is securely closed: If the battery compartment cannot close completely, stop using the device immediately and keep it away from children.

4. Battery disposal: Do not throw the battery in regular trash. Follow local regulations and take used batteries to a professional recycling facility for safe disposal.

## Troubleshooting

Slow Inflation Speed	1. Check if the battery has enough charge. 2. Check if the hose is leaking. 3. Ensure the nozzle and hose connections are tightly screwed. 4. Check if the item being inflated is leaking.
Unable to Inflate After Powering On	1. Check if the battery has enough charge. 2. Check if the current tire pressure is higher than the preset value.
Normal Inflation but Pressure Shows Zero	Low-pressure items, such as balloons, are not within the pump's measuring range.
Pump Turns Off Automatically After Nozzle is Tightened	Press and hold the power/start/stop button to turn the pump back on.
Air Leakage When Connecting the Hose	Tighten the nozzle securely.
Battery Indicator Color Changes During Inflation	The battery voltage drops during use, which may cause the indicator light to change or dim. This is normal and not a malfunction.
Unable to Power On	Make sure the battery is fully charged.
Unable to Inflate / Unable to Detect Pressure	1. Ensure the correct nozzle interface is being used. 2. If using a Presta valve, make sure the tire valve core screw is loosened. 3. If using a Schrader valve, ensure the tire valve core is clean.
Error Code H, L	The temperature is out of range. Let the pump cool at room temperature for 1 hour before using.
Error Code E1	The pressure is out of range. Remove the nozzle to see if it resets. If the error code disappears, check if the inflated item's pressure exceeds the range.

## Contact us



Website: [www.coospo.com](http://www.coospo.com)



E-mail: [support@coospo.com](mailto:support@coospo.com)

## Attentions

The information contained in this manual is for reference only. The product described above may be subject to alteration owing to the manufacturer's continuing research and development plans without prior notice.

## Disclaimer

The information contained in this manual just for reference. The product described above may be subject to alteration owing to the manufacturer's continuing research and development plans, without making an announcement in advance.

We shall not bare any legal responsibility for any direct or indirect, accidental or special damages, losses and expenses arising from or in connection with this manual or the contained product.

## FCC statement

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## IC WARNING

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) L' appareil ne doit pas produire de brouillage;
- (2) L' appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d' en compromettre le fonctionnement.



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist, Contact your local government or a retailer for additional information.



- Do not open or modify the product.
- Do not disassemble or attempt to service this product.
- This product is safe under normal and reasonably foreseeable operating conditions.
- If product is operating improperly, call COOSPO support.
- Product must be returned to the manufacturer for any service or repair.