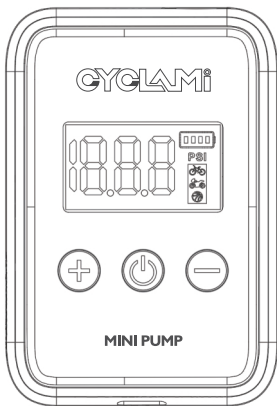


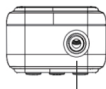
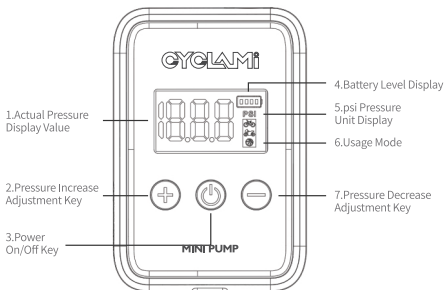
WIRELESS INTELLIGENT INFLATION PUMP

User Manual

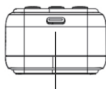


Product Model: HW-125

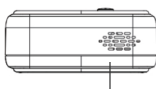
Product Introduction



8. Air Outlet



9. Type-C Charging Port



10. Heat Dissipation Vent



French/American
Inflation Nozzle
*1



Ball
Needle
*1



Type-C
Charging Cable
*1



Nozzle
Seal Ring
*1



American
Inflation Tube*1

Usage Warning

When using the device, if the tire already has air pressure, please follow these steps:

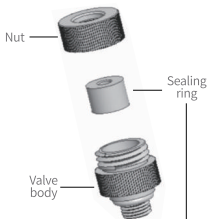
1. Turn on the device power.
2. Start the inflation pump to operate normally.
3. Then, connect the tire valve and proceed with inflation.
4. If the operation method is incorrect, the code Eop will be displayed.

During the operation, if the tire is completely flat, you can follow these steps:

1. Connect the tire valve nozzle.
2. Start the inflation pump to inflate the tire.



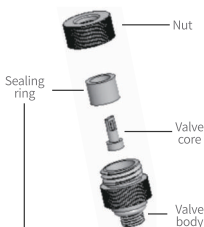
French Bicycle Valve
Installation Method
(Assemble in the order
shown in the diagram)



Install the sealing ring with
the small opening facing outward,
then tighten the nut



Install the sealing ring with the
small opening facing outward,
then tighten the nut American
Bicycle Valve Installation
Method (Assemble in the order
shown in the diagram)



Install the sealing ring with
the large opening facing outward,
then tighten the nut

Note: After the air pump works continuously for three minutes, it needs to rest for 8 minutes before use again. Be cautious as the air pump's outlet may become hot; do not touch it! The software program is set to shut down after working continuously for two and a half minutes (this is normal). Press the start button again to restart the air pump.

Instructions and Usage Steps

1. **Unpack the Product:** Remove the product from the packaging.
2. **Connect Hose or Nozzle:** Screw the external thread of the hose or nozzle to the outlet side of the hose.
3. **Turn On the Device:** Press and hold the power button for 3 seconds to turn on the device.
4. **Install Outlet Nozzle:** Install the outlet nozzle onto the corresponding device.
5. **Select Inflation Mode:** Briefly press the "-" (minus) button to select the desired inflation mode.
6. **Adjust Pressure:** Use the "+" / "-" buttons to adjust the preset pressure value (adjust as needed).
7. **Turn Off the Device:** After inflation is complete, press and hold the power button to turn off the device and remove the hose from the device.
8. **Store the Product:** Store the product in a dry place to prevent moisture.

Charging and Battery Display

Charging: Use a 5V/2A charger, insert it into the Type-C charging port for charging, and the battery icon will cycle (indicating charging). When the battery is fully charged, the battery icon stops cycling (indicating full charge).

Low Battery: When the battery level falls below the specified voltage, the battery display flashes, but the product continues to operate until the voltage drops below the shutdown voltage, at which point it will shut down automatically. At this point, the product needs to be charged.

Usage of accessories



Mountain bikes, electric bikes, motorcycles, and cars usually use "American-style nozzles": Connect directly for inflation.

(For use on Presta valves, it is necessary to use with a brass tip)



Road bikes and some mountain bikes use a "French nozzle conversion head": When inflating, connect the French nozzle conversion head to the pump hose, and then inflate as usual.



For inflating balls such as basketballs and soccer balls, use a "needle": Connect the needle to the pump hose, then insert the needle into the air hole for inflation.

Pressure Detection

In the power-on state and when correctly connected to the device, the displayed pressure value represents the actual pressure of the tested device.

Recommended Pressure

To ensure safety, please check the required pressure for the inflatable item before using the product. Avoid over-inflation, which may cause the inflated item to explode and result in personal injury.

Common Products Recommended Inflation Pressure Chart

Product Category	Product Type	Recommended Pressure Range
Bicycle	Folding Bike Tire	45-50psi
	12, 14, 16-inch Bicycle Tires	30-50psi
	20, 22, 24-inch Bicycle Tires	40- 50psi
	26, 27.5, 29-inch Bicycle Tires	45-65psi
	700c Road Bike Hard Tire	100-110ps
	700c Road Bike Soft Tire	100-130ps
Motorcycle	Motorcycle, Electric Motorcycle Wheel Rim	30-43psi
Ball	Basketball	7-9psi
	Soccer Ball	8-16psi
	Volleyball	4-5psi
	Rugby	2- 14psi

Mode Switching



Press the '-' key to switch between three inflation scenarios.

Note: No special mode - the factory preset pressure is 45 psi, and the preset pressure before use can be freely adjusted within the range of 3-150 psi.



Bicycle Mode: The default illuminated value is 45 psi, with an adjustable range between 30-145 psi.



Motorcycle Mode: The default illuminated value is 35 psi, with an adjustable range between 25-45 psi.



Ball Mode: The default illuminated value is 8 psi, with an adjustable range between 4-16 psi.

Default Value Fine-Tuning



After selecting the scenario mode, a short press of the '+' button adjusts the preset pressure value, while a long press of the '+' button rapidly adjusts the pressure value.



When in the selected scenario mode and needing to decrease the pressure adjustment, press the '+' key first. When the number is flashing, press the '-' key to decrease the pressure.

Start Inflation



Press the 'Start/Stop' button briefly to initiate inflation. During inflation, the display will show real-time pressure changes. Please be aware that inflation generates noise levels of 75-80 decibels, so take appropriate precautions. Extended operation may result in noticeable temperature increases in the high-pressure hose and the device body; avoid prolonged contact with the high-pressure hose using your hands.

Stop Inflation



The inflation pump will automatically stop when the pressure reaches the preset value. During inflation, you can also manually stop inflation by pressing the 'Start/Stop' button.

Special Reminder

For inflatable products such as balloons, toy balls, swim rings, etc., if the inflation pressure is lower than the pump's range, it cannot automatically stop inflation through preset pressure. Caution is advised during use.

Battery and Endurance

In a fully charged state, at an ambient temperature of 25°C, the continuous working time without load is approximately 2 minutes. Increased pressure load or decreased ambient temperature will result in reduced endurance.

Shutdown

In the powered-on state, press and hold the power button for 3 seconds to shut down (or automatic shutdown after 120 seconds of inactivity). It will automatically shut down after 120 seconds.

Important Notes

Before inflation, please confirm the required pressure value for the item to be inflated to avoid over-inflation and the risk of explosion, causing personal injury.

*The product has a non-removable lithium battery. Do not throw the product into fire or discard it casually. There is a risk of overheating, impact, and water ingress leading to fire, spontaneous combustion, or explosion. Avoid exposing it to high temperatures, such as in a car. Do not fold or step on the inflation hose during inflation; ensure smooth airflow.

*When the inflation pump is in operation, the operator must not leave the site. Pay attention to the observation at all times to prevent the risk of overpressure due to unplanned events or excessively long inflation times.

*Keep the machine away from moisture, heavy impacts, water, and sand intrusion.

*The inflation pump contains a DC motor, which may generate sparks during operation. Do not place it near flammable liquids or gases.

*The storage temperature of the product should not be lower than -10°C or higher than 60°C. Both overheating and extreme cold can shorten the product's lifespan and damage the built-in battery.

*Prolonged idle time may damage the battery. It is recommended to recharge it at least every three months.

*This product is not a toy. Children are prohibited from using it. Maintain a safe distance from children when inflating objects.

*Before setting the inflation pressure value, please confirm that the correct unit of measurement is selected, as selecting the wrong unit may lead to dangerously high pressure. Common unit conversions: 1 bar = 14.5 psi, 1 bar = 100 kPa.

Product Parameters

Product Name	Bicycle Tire Inflator
Product Model	HW-125
Battery Capacity	500mAh(3.7Wh)
Cylinder Specification	12mm
Product Size	75.8*51.8*35.9mm
Inflation Pressure Range	3~150psi
Type-C Input	5V 1.5A
Charging Time	<1.5 hours
Pressure Gauge Accuracy	45±1psi
Operating Temperature	11.Charging:0°C~60°C/Discharging:-10°C~45°C
Storage Temperature	-10°C~60°C

Troubleshooting

Issue: Slow inflation speed

Solution: Check if the battery is fully charged/Check for air leaks in the hose/Ensure tight connections at both ends of the hose

Issue: Unable to inflate despite being turned on

Solution: Check if the battery is fully charged/Check if the current tire pressure is higher than the preset value

Issue: Unable to adjust pressure up or down

Solution: Check if in the correct scenario mode; select the preset pressure free mode with no illuminated icons, and adjust the preset value within the range of 3-150 psi

Issue: Normal inflation but pressure shows zero

Solution: Products like balloons with low pressure are not within the measurable range of the device

Issue: Pump automatically shuts off after attaching the nozzle **Solution:** Long press the "Power" button to turn it on again

Issue: Air leakage when connecting the hose

Solution: Tighten the hose

Error Code Table

Er0=Sensor calibration error, detected during calibration process.

Er1=Battery low voltage alarm, detected during discharge process, displays LO or Er1, shuts down all outputs, then enters sleep mode.

Er2=Motor overcurrent protection, detected when the motor is running, displays Er2, stops the motor, enters standby mode.

Er3=Motor short circuit protection, detected when the motor is running, displays Er3, stops the motor, enters standby mode.

Er4=Motor over-temperature protection, detected when the motor is running, displays Er4, stops the motor, enters standby mode.

Er5=Motor NTC damaged, open or short circuit, detected when the motor is running, displays Er5, stops the motor, enters standby mode.

Er6=Sensor NTC damaged, open or short circuit, detected during the power-on process, displays Er6, stops the motor, enters standby mode.

Er7=Pressure exceeds 150psi, detected during pressure measurement process, displays Er7, serves as a reminder. Er8=Battery over-temperature, high or low temperature, detected during charge/discharge process, displays

Er8, during discharge process shuts down all outputs and enters standby mode; during charge process, stops charging, displays error code until protection is removed.

Er9=Reserved

Eop=Detected air pressure inside the tire, unable to function properly.

Please refer to the "Warning for Use" in the instruction manual for correct operation.