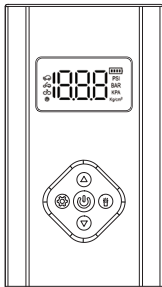




PORTABLE AIR PUMP

User Manual



Please read this manual carefully before use

Package Contents



M18 Tire Inflator



Nozzle Adapters



USB-C Charging Cable



User Manual

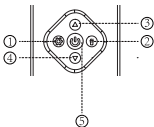
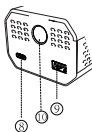
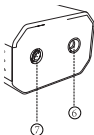


Inflator Tube

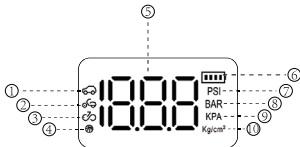
Guide:

- 1.M button: Mode switcher, which allows you to switch between pumping objects. The switching order is: car(default pressure is 36PSI), motorcycle(default pressure is 36PSI), bicycle(default pressure is 60PSI), ball(default pressure is 8PSI), which the mode is switched to, the symbol will light up, and corresponding to its default setting pressure value; Long press for 3 seconds to enter the unit switching mode. After entering, the unit flashes, and short press to switch units (PSI, BAR, KPA, Kg/cm²), flashing three times without operating will lock the unit, the air pressure does not return to 0 when turned on, and automatically returns to 0 when there is no air pressure(Note: no display for preventing 0 drift below 3PSI);
- 2.UP, DOWN buttons: By adjusting the preset air pressure value, press to increase or decrease. Long press for 3 seconds to switch to fast increasing or decreasing. Note: After turned off or switching modes, the default value will be restored;
3. OK button: Press and hold for 2 seconds to turn on and off the machine. After turning on the machine, press and hold the OK key briefly to start and stop the motor of the pump;
4. FLASHLIGHT button: Press once to turn on the flashlight, long press to turn off the light(the light can also be turned on when the machine is off). 3 lighting modes: First is the constant light mode, press again to switch to slow flashing mode, press again to switch to SOS mode, press again to turn off the light;
5. The motor will not work when the real-time pressure is greater than the set value. When the air pressure reaches the preset value during inflation, the motor stops inflating automatically. Press the inflation button again to restart to inflate another tire;
6. Battery voltage display: 5 battery level display: Above 7.3V, 100%/7.3-6.9V, 75%/6.9-6.4V, 50%/6.4-6.0V, 25%/below 6V, the battery level icon will flash for 5 seconds and shut down;
7. Inflation timeout protection: To prevent tire leakage during the inflation process, the following timeout protection are programmed. When the value of the air pressure 0 during inflation lasts for 60 seconds, the machine automatically stops inflating and displays "E0" flashing for several seconds and shut down;

8. Charging indication: Supports USB-C port 5V, 2A input charging, which is about 3-3.5 hours to fully charged. During charging, the LED battery icon on the display will show increasingly. When charging to $\geq 8.2V$, the full display of the power will stop flashing;
9. Over temperature protection: The product has over temperature protection, and the temperature sensor is placed in the battery pack. When the battery temperature reaches $150^{\circ}F \pm 40^{\circ}F$ ($65^{\circ}C \pm 5^{\circ}C$), the machine will be turned off automatically (the NIXIE tube screen will display "U0" warning, flashing 10 times of shutdown. After protection, the power supply will be resumed when the temperature drops to $130^{\circ}F \pm 40^{\circ}F$ ($55^{\circ}C \pm 5^{\circ}C$);
10. Data error: During the data collection process, if the collected data is incorrect, "E1" will be displayed, flashing approximately 10 times, and then shutdown;
11. Motor stall protection: If the motor experiences stall due to certain factors, it will display "E2", flashing approximately 10 times, and then shut down;
12. Safety control: Please carefully check the inflation pressure requirements of the item. When the inflated item exceeds the pressure value of the product, please stop inflating immediately to avoid excessive expansion and damage;
13. Unscrew the air nozzle: Because the temperature of the air duct is relatively high after inflation. Be careful of burns when removing the air nozzle after the inflation. There will be slight air leakage when disassembling the air nozzle there, so please disassemble it to reduce air output as soon as possible, which will cause a decrease in air pressure;
14. Special reminder: For balloons, toys, swimming rings and other products, the pressure requirements are lower than the normal pressure mode. First, please know the detailed pressure requirements of the inflating products, and then set the correct pressure value to start inflation. When the set value is reached, the motor will automatically stop or please shut down manually in time;
15. Note: If using this product for continuous inflation, it is recommended to use it for no more than 15 minutes. If it exceeds 15 minutes, you should let it rest for at least 5-10 minutes before using it again, which will protect the maximum service life of the product.



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|---------------------------------|-----------------------------|
| 1. Set mode button (M) | 6. Inflation pipe interface |
| 2. Flashlight button | 7. Operating indicator |
| 3. Increase air pressure button | 8. Charging input |
| 4. Decrease air pressure button | 9. USB output |
| 5. ON/OFF Button | 10. Flashlight |



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|-----------------------------------|--|
| 1. Automobile | 6. Battery level display |
| 2. Motorcycles | 7. Air pressure unit PSI |
| 3. Bicycle | 8. Air pressure unit BAR |
| 4. Ball | 9. Air pressure unit KPA |
| 5. Air pressure numerical display | 10. Air pressure unit KG/CM ² |

Specification

Products	Portable Air pump
Model	M18
USB output	5V2A
C-type input	5V2A
Dimension	132*72*46mm
Charging time	1-2H
Barometric units	Psi, Bar, Kg/cm ² , Kpa

Precautions:

1. This product is prohibited for children to use. It is recommended that users be at least 18 years old. Please keep the child and inflator at a safe distance during the inflation process;
2. This product has a built-in non detachable lithium battery. It is prohibited to throw this product into the fire. Lithium batteries may cause overheating, fire, spontaneous combustion and explosion caused by impact, or water ingress. Please avoid exposure to sunlight at high temperatures;
3. The storage temperature should not be higher than 140 ℉ (60 ℃). Overcooling or overheating can shorten service life and damage the built-in battery;
4. If the product is left idle for a long time, it may damage the battery. It is recommended to charge at least once every three months;
5. This product is equipped with a built-in motor. Do not use it in flammable and explosive environments;
6. If you hear abnormal noise or excessive temperature during the inflation process, please turn it off immediately;

7. Before setting the inflation pressure, please confirm the selection of the measurement unit, otherwise it may cause accidents such as tire explosions. This common Conversion of units formula is for your reference: 1bar=14.5psi, 1bar=100kpa, 1bar=1.02kg/cm²;
8. Do not leave the inflator alone during inflation;
9. Please use in a dry and clean environment. The invasion of sand and dust may cause damage to the product. Do not wash or soak with water;
10. This product may experience appropriate heating during use, and the shell temperature below 140 °F (60 °C) does not affect product performance. Please rest assured of use;
11. All products have passed strict quality assurance inspections before leaving the factory. If you find that this product is overheated, odorous, deformed, worn, damaged, or has other abnormal conditions, Please discontinue use immediately and contact the seller.

Recommended Inflation time

Inflatable objects	Specifications	Air pressure	Inflation time	Inflation times
Car tire	185R 14LT	0.1bar-2.5bar	7min	3 times
Car tire	185R 14LT	1.6bar-2.5bar	3min	8 times
Bike	52/559(26 2.1)	0.1bar-4.15bar	1min	30 times
Motorcycle	57/457(22 2.125)	0.1bar-2.5bar	1min	35 times
Ball	Basketball	0.1bar-0.6bar	20s	50 times

Inflatable pressure recommendation Form

Inflatable pressure Form		
Bicycle	12、14、16 inch bicycle tire	30-50psi
	20、22、24 inch bicycle tire	40-50psi
	26、27.5、29 inch mountain bike tire	45-65psi
	700C Road bike Clincher tire	100-130psi
	700C Road bike tubular tire	120-145psi
Motorcycle	Motorcycle, Electric Motorcycle tire	1.8-2.8Bar
Car	Car tire	2.2-2.5Bar
Ball	Basketball	7-9psi
	Football	8-16psi
	Volleyball	4-5psi
	American football	12-14psi

⚠ Above inflation pressure list is for reference only. For actual operation, please refer to the instruction manual of the inflatable products.

