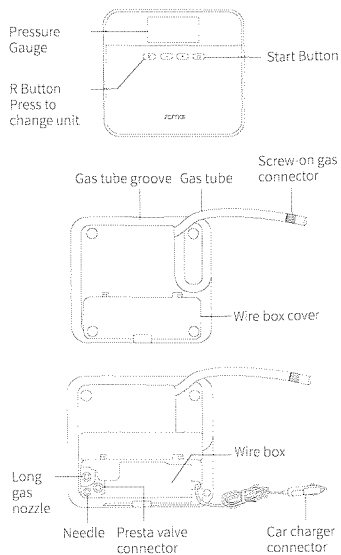


Please read this manual carefully and keep it in a safe location before using the product.

Product Introduction



Notes: product, accessory and other images in this manual are schematic illustrations only, and are intended for reference purpose only. Product may be updated or upgraded and may appear different from the schematic illustrations. Please refer to the actual product.

Using the Product

1. Turning the device on/off

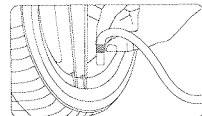
Connect the car charge to the car cigarette lighter. Turn on the engine. The device will automatically turn on when it receives power from the car.

The device will automatically turn off when the car charger is removed from the car cigarette lighter or when the engine is turned off.

2. Connecting the gas tube

Connect the device to a jeep, SUV, sedan, motorcycle or other kinds of tyres

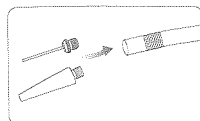
Connect the gas tube to the tyre directly by screwing the screw-on gas connector onto the tyre's gas nozzle.



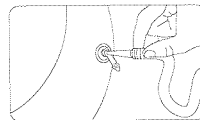
Connecting the device to an inflatable boat, inflatable toy, ball or other kinds of objects

With the standard long gas nozzle and ball needle, this product can inflate most refillable items.

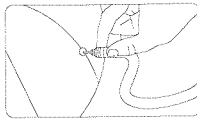
Attach a suitable gas nozzle to the screw-on gas connector before connecting it to an inflatable.



The long nozzle is suitable for beach balls, floats and other inflatable toys, as well as for dust removal and cleaning.



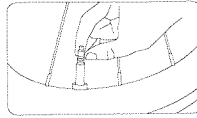
The needle is suitable for basketballs, footballs, volleyballs and other kinds of balls.



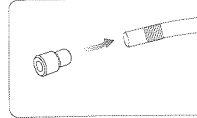
Connecting the device to a mountain bike tyre

The device can pump a mountain bike tyre using the presta valve connector.

1. Loosen the screw on the tyre's gas nozzle.



2. Attached the Presta valve connector to the screw-on gas connector and connect the gas connector to the tyre's gas nozzle.



Note: After pumping the tyre, please tighten the screw on the tyre's gas nozzle again.

3. Detecting gas pressure

After connecting the gas tube and while the device is turned on, the pressure gauge will show the current pressure in numeric value.



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4. Presetting the tyre pressure

Follow these steps to preset the tyre pressure:

1. After the device is turned on, press the R button to switch the unit of measurement between bar, psi or kPa.
2. Press the "+" or "-" button until the numbers start to flash. Press the "+" or "-" button again to adjust to the desired value. When the numbers stop flashing, presetting of the tyre pressure is completed.

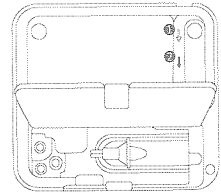
5. Pumping

1. After connecting the gas tube and while the device is turned on, press the **Start** button to start pumping. If the pressure of the gas valve increases rapidly within a short interval (80 psi in 3 seconds), it means that the air way is obstructed. Please immediately turn off the power, detach the rotary nozzle from the tyre nozzle and reconnect the gas tube.
2. When the air pressure reaches the preset tyre pressure, the pump will stop working. The pumping operation is completed.
3. Remove the car charger connector and the device will automatically turn off.

6. Packing the device

After using the device, put the power cable and gas tube in the wire box at the back of the device.

Coil the gas tube around the winding column once, after reaching the start point, repeat the coiling one more time, then pack it in the bottom wire box along the gas tube groove. Close the wire box cover.



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Checking the inflation pressure

For safety, please check the gas pressure of the object to be inflated first. This will prevent the risk of personal injuries caused by over-inflating of the object.

Tyres

The working pressure range is stated on the inside of a bicycle or motorcycle tyre. A tyre pressure guide can be found inside the door of the driver seat.

The gas pressure value is linked to the load. For more information on tyre pressure, please refer to the car's user manual.

Balls

The working pressure is stated near the nozzle hole of a football, basketball, volleyball or other balls.

Common Recommended Gas Pressure

Inflatable Object	Classification	Recommended Pressure Range (psi)
Cars	Sedans, SUVs, commercial cars, off-road vehicles	30~50
Motorcycles	Motorcycles, electric motorcycles, electric bicycles	25~45
Balls	Football, basketball, volleyball	7~8
Bike	Mountain bike, bike	30~65

Notes: 1kg/cm² ≈ 1bar ≈ 100kPa ≈ 14.5psi

Precautions

To avoid damage to the device, please follow the instructions below:

1. Please follow the gas pressure guide when pumping. Do not over-inflate to prevent accidents.
2. Do not allow the device to operate without supervision. Cut off the power when the device is not in use.
3. Do not use the product near explosive substances such as gasoline.
4. This device can be operated continuously. However, at high ambient temperatures, please shorten the operation time to extend the device's service life.
5. Do not point the gas nozzle at yourself or someone as the high pressure gas flow will cause injuries.
6. Please uncoil the bundled power cable and straighten it out when using the device, in order to prevent potential safety hazards caused by overheating of the power cable.

Basic Parameters

Product Name: 70mai Air Compressor Lite

Model Number: Midrive TP03

Working Voltage: DC 12V

Max Working Current: 10A

Max Inflation Pressure: 11bar (160 psi)

Product Dimensions: 164 × 148 × 54mm

Storage Temperature: -30 to 80°C

Working Temperature: -20 to 70 °C

Packing List

70mai Air Compressor Lite × 1

User Manual × 1

Service: help@70mai.com

For further information, please go to www.70mai.com