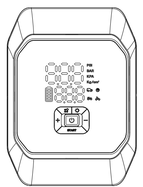
NETOGY AIRNOVA MAX

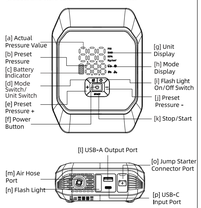
User and Safety Manual



Model: KF03K-L

Battery Powered Tyre Inflator and Jump Starter

Thank you for purchasing the Netogy AirNova Max.
Please read this user manual carefully before using the product and store safely for future reference.



Attention

1) Do not leave the device unattended during inflation.
2) Keep the product away from flammable or explosive materials.
3) Avoid exposing the product to moisture, sediment, or strong impacts.
4) Do not store the product in extremely hot or cold environments.
5) Do not dispose of the product in a fire or discard it irresponsibly.
6) Keep the product out of reach of children.

Package Content

1 x Tyre Inflator & Jump Starter	1 x Ball Needle
1 x Air Hose with Schrader Valve	1 x Presta Valve
1 x USB-A to USB-C Cable	1 x Jumper Cables
1 x Storage Cloth Bag	

Specifications

Product Name	Netogy AirNova Max
Product Model	KF03K-L
Product Dimension	180X130X58mm
Net Weight	732g
Inflation Pressure	160PSI / 11bar (Max)
Operating Temperature	0~45℃
Battery Capacity	8000mAh / 29.6Wh
Charging Input	5V/2A 9V/2A 12V/2A 15V/2A 20V/2.2A
USB Output	5V/2A 9V/2A 12V/2A 15V/2A 20V/2.2A

User Manual

1. Power on and off

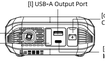
Power on	Power off

Power on:
Press the power button for 3 seconds to start the pump.
Power off:
Press the power button for 3 seconds to stop the pump.

2. Battery indicator

The power bar's indicators show the device's remaining power.
Four bars: Battery power = 80%~100%
Three bars: Battery power =60~79%
Two bars: Battery power =30~59%
One bar: Battery power =5~29%
One bar flash: below 5%
When device is in a low battery state, please charge the device before use.

3. Start/Stop Button



Press the start-stop button to start inflation. The inflation will automatically stop when the preset pressure value is reached. The device can also be manually stopped by pressing the Start/Stop button again.

4. Charging

Connect the USB-C to USB-A cable to the inflator and to a compatible power adapter (not included) to begin charging. A flashing power indicator light signifies that the device is charging.
When the indicator bar is fully illuminated and solid, the device is fully charged.
Note: Do not use the product when charging.

5. Connecting the air hose to the inflator

Align the air hose with the air hose port and insert. Turn clockwise to the right to tighten the air hose until a click sound is heard. Turn the air hose anti-clockwise to the left to unscrew the air hose.

6. Connect the air pipe to the air nozzle

a) Schrader Valve

Nozzle type	Inflation connector

Mountain bikes, E-bikes, scooters, motorcycles and cars will be equipped with a Schrader Valve.
Inflate: Connect the air hose to the inflator and tyre valve to inflate
Deflate: Press the air needle inside the air nozzle with an appropriate tool (such as a 4mm hex wrench) to deflate.

b) Presta Valve

Nozzle type	Inflation connector

Road bikes and some mountain bikes need to use Presta Valve adapters when inflating.
Inflate:
1. Connect the Presta Valve adapter with the Schrader Valve on the air hose.
2. Unscrew the Presta Valve screws on the tyre.
3. Connect the air hose to the tyre to inflate.
Deflate: unscrew the Presta Valve, press the air nozzle can deflate

c) Ball Needle

Nozzle type	Inflation connector

Use the ball needle when inflating rugby, netball, yoga and other balls.
Inflate:
1. Connect the ball needle to the Schrader Valve on the air hose.
2. Press the air hose tightly into the ball opening to inflate.
Deflate: Insert the ball needle directly into the ball hole to deflate.

7. Jump Starter Connection

Warning:
Please consult your vehicle manufacturer's guidelines to confirm whether jump-starting is permitted. Netogy cannot be held liable for any damage resulting from the use of this product in situations where jump-starting is not recommended or allowed.

Connection

Connect the jumper cables ignition block to the jumper cable port in the inflator. Red and Green lights should flash alternately.
Note: In order to ensure the ignition is effective, the inflator should be charged more than 50%.
When starting at zero volts, ensure that the power supply is above 75%.

Clamping

Connect the positive pole (red jumper cable) to the positive pole of the car battery and connect the negative pole (black jumper cable) to the negative pole of the car battery.

Ignition

Once both jumper cables have been connected successfully, get back into the car and start the car.
Remove the jumper cables and jump starter immediately after a successful start.
Note: In order to ensure a successful ignition, please complete the ignition within 30 seconds.

8. Detecting air pressure

Short press the start-stop key [k] to stop the inflation. When the air pressure reaches preset pressure value [b], the air pump stops charging automatically.
After the machine is turned on, connect the air hose to the object under test.
The measured pressure value [a] shows the current pressure.

9. Application scenario switch

Short press the working mode key [g] to select from 5 different inflatable scene modes, such as:

Scene Mode	Reference Default Values	Adjustable Range
Car Mode	2.4BAR	0.1BAR ~ 4.4BAR
Motorcycle Mode	2.7BAR	0.1BAR ~ 3.7BAR
Bicycle Mode	38PSI	2PSI ~ 150PSI
Ball Mode	8PSI	2PSI ~ 15PSI
Custom Mode	100PSI	2PSI ~ 160PSI

10. Unit switch

After startup, long press the unit switch key [g] to switch the pressure display unit. Unit conversion formula is:
1PSI=6.89KPA 1BAR=100KPA 1Kg/cm²=98 KPA

11. Preset Pressure

Short press [e] [j]: When below 100PSI, adjust the preset pressure +/-0.5PSI.When above 100 psi, adjust preset pressure +/-1PSI

Long press [e] [j]: To quickly adjust the preset pressure.

Note: The inflator will automatically save scene preset pressure values. When the product is used again the preset pressure will be set automatically.

12. Flash Light

When the inflator is powered on, long press the flash light on/off button [i] to turn the flash light on and off.

[i] Flash Light on/off Button

Flash Light

13. Pressure reset

When the measured pressure value is not 0.0, press the [e] [j] key at the same time for 2 seconds, and the display will return to normal.

Note: This product will be reset after leaving factory. Due to the difference of altitude or sensor, when the measured pressure value is not 0, manual reset can improve the pressure accuracy. Calibration is not recommended at high temperature.

14. Inflation Pressure Reference

To ensure safety, please check the required air pressure of the inflatable object to avoid personal injury which can be caused by explosion of over inflation.

Car Tyre

The range of air pressure that a car's tyres can withstand is marked on the side of the tyres.
The inflation pressure is related to the weight of the load. For more detailed pressure advice, please refer to the manual of the relevant vehicle.

Bicycle Tyre

The range of air pressure that a bike's tyres can withstand is marked on the side of the tyres.
The inflation pressure is related to the weight of the load. For more detailed pressure advice, please refer to the manual of the relevant vehicle.

Balls

The inflating pressure of rugby, soccer, netball, yoga and other balls is marked around the inflating hole.
The inflation pressure is related to the weight of the load. For more detailed pressure advice, please refer to the instruction manual of the relevant balls.

High Temperature Safety Precautions

When unscrewing the air hose, the air hose and the air pipe connector will generate high temperature due to long working time. Let the air hose cool down before touching.

Common products air pressure

Product Category	Product Type	Pressure Range
Bicycles	Children's toy car	18~30PSI
	10~16 inches tyres	30~45PSI
	20~30 inches tyres	30~55PSI
	Road bike	100~120PSI
	Wheelchair tyres	30~45PSI
Motorcycles	Motorcycles/ Electric motorcycles	1.8~3.0BAR
Automotive	Cars	2.2~2.8BAR
Balls	Children's toy ball	3~6PSI
	Basketball	7~9PSI
	Soccer ball	10~12PSI
	Volleyball	4~6PSI
	Rugby	10~14PSI

Malfunction Clearing

Malfunction	Trouble shooting
Slow Inflation	1. Check if the inflator is charged. 2. Check the air hose for air leaks. 3. Check whether the connecting parts at both ends of the air hose are tightened. 4. Check inflated items for air leaks.
It has been turned on but cannot inflate	1. Check if the inflator is charged. 2. Check whether the current tyre pressure is higher than the preset value.
The preset pressure cannot be turned up or down	Check whether the inflating mode is correct. Select custom mode to adjust preset values from 2~160 psi.
Inflation is normal but the pressure is shown to be 0	1. Low pressure products such as balloons are not within the measurable range of this equipment. 2. In the case of empty tyre, the tyre pressure value can be shown only by inflating the tyre for a short period of time.
After twisting the air nozzle, the tyre pump has automatically shut down	The inflator shuts off automatically 3 minutes after no use. Long press the start button to power the inflator on again.
There is air leakage when connecting the air hose	Tighten the air hose
The colour of the power indicator in the charging state is different from that in the standby state	There is an obvious voltage drop in the discharge process of the lithium battery, which causes the colour inconsistency between the indicator light in the charging state and the standby state. This phenomenon is not a fault.
The power indicator is off after charging	Replace the safety-compliant charging cable and adapter to charge again.

Notes:

1. The products and accessories in the manual, the user interface and other illustrations are only schematic diagrams,provided for reference only.reference resources. Due to product updates and upgrades, there may be slight differences between the actual product and the schematic diagram.

2. If the product is not used for more than half a year, please charge it every three months.

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