

Fanttik

X10 CROSS AIR PUMP

User Manual

Please read this instruction manual carefully before use and keep it for future reference.



Thank you for choosing Fanttik.

Thank you for purchasing the Fanttik X10 Cross air inflator. With its large LED screen and easy-to-use interface, this is a highly capable inflator fit for a wide range of tasks.

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1.SAFETY INSTRUCTIONS

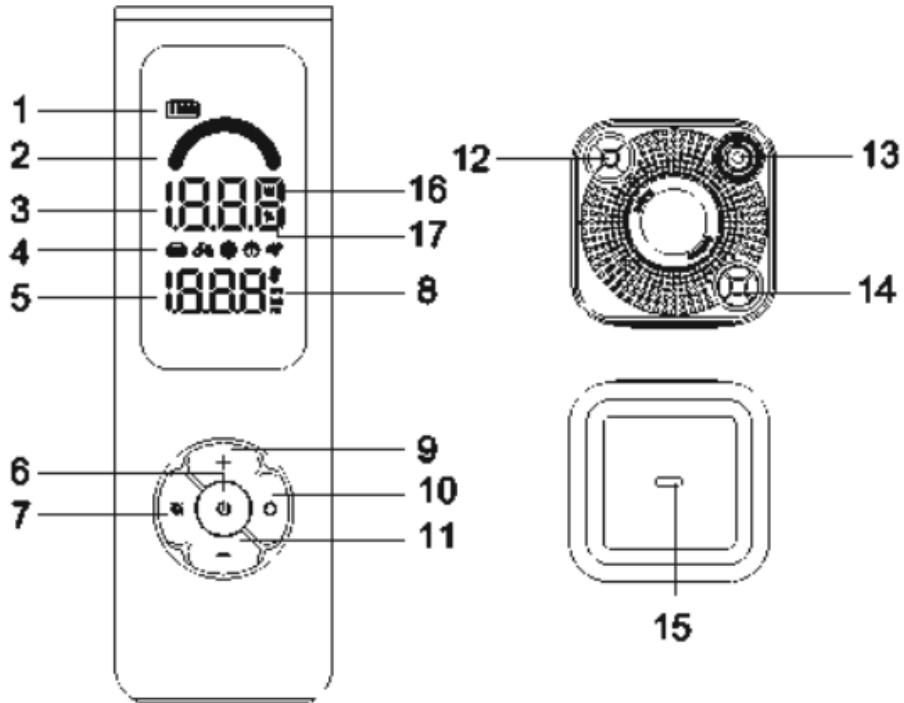
- This product is not a toy and should not be used by children. Users should be above 16 years old.
- Keep a safe distance between children and the air pump while inflating. There is a built-in lithium battery inside the product. Don't place the product in fire or dump the battery.
- Overheating, damage, or water may increase the risk of fire or explosion. It's best to keep the product away from heat sources, and not leave it for prolonged periods in a hot car. If the air pump becomes very hot, there is a chance it could explode.
- Please store the product in temperature ranging from -10°C~45°C. Extremely hot or cold environments may damage the battery and shorten the lifetime of the air pump.
- Long-time storage of the product may decrease the effectiveness of the battery. Charge the air pump at least once every three months to maintain its performance.
- The product has a built-in DC motor which may generate sparks during operation. Do not use it in an environment with dust or gas that is liable to explode.
- If there is an unusual noise or the temperature becomes very high during inflating, please turn off the air pump immediately.

- Before setting the inflation pressure value, make sure the pressure unit is correctly selected. Mixing up PSI and BAR could lead to dangerous over inflation.
- Unit conversion: 1BAR = 14.5PSI, 1BAR = 100kPa
- Do not leave the air pump unattended while it is in operation.
- Please use the product in a dry and clean environment. The intrusion of sand and dust may cause damage to the product. Don't wash the product with water.
- After running for a long time, the temperature of the junction between the air tube and the main body can become very high. To avoid burns, avoid touching it.

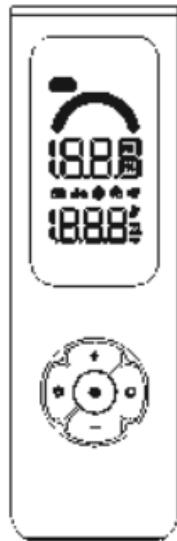
Caution: To reduce the risk of electric shock, do not expose to rain. Store indoor.
"Never put batteries in mouth. If swallowed, contact your physician or local poison control center."

2. PRODUCT OVERVIEW

1. Battery indicator
2. Progress bar
3. Real-time pressure value
4. Preset mode
5. Target pressure value
6. Power button
7. Light button
8. Pressure unit
9. "+" button
10. Mode button
11. "-" button
12. Inflation port
13. High pressure air outlet
14. Deflation port
15. USB-C port (In/Out)
16. Out put wattage
17. Charging battery percentage



3. PACKAGE CONTENTS



X10 CROSS
Air pump × 1



Air mattress
adapter × 1



Vacuum storage
bag adapter × 1



Air hose × 1



Air pillow
adapter × 1



Storage
bag × 1



Ball needle × 1



Swimming
ring adapter × 1



Rubber adapter
connector × 1



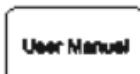
Air sleeping
pad adapter × 1



Schrader-Presta
valve adapter × 1



Charging Cable × 1



User Manual

User manual × 1

4. BATTERY LEVEL INDICATOR & CHARGING

Battery Level Indicator



The battery level is shown by four bars, with each BAR representing 25%.

1 bar = under 25%

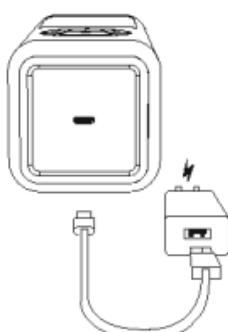
2 bars = between 25% and 50%

3 bars = between 50% and 75%

4 bars = between 75% and 100%

Note: The battery indicator will flash when the battery level is below 20%.

Charging



Fully charge the air pump before using it for the first time. To charge, connect it to a 18w USB charger with the charging cable.

While charging:

1 bar flashing = under 25%

1 bar solid, 2nd BAR flashing = between 25% and 50%

2 bars solid, 3rd BAR flashing = between 50% and 75%

3 bars solid, 4th BAR flashing = 75% and 100%

All 4 bars solid = fully charged

The charging percentage will be display on the screen.

The air pump will automatically switch off if left inactive for 5 minutes after being fully charged.

Note:

- The air pump cannot be used while it is charging.
- The USB charger is sold separately. Make sure to use a certified charger.

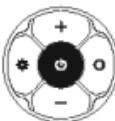
5.TURN ON/OFF

ON

Long-press for 1.5 seconds to turn on.

OFF

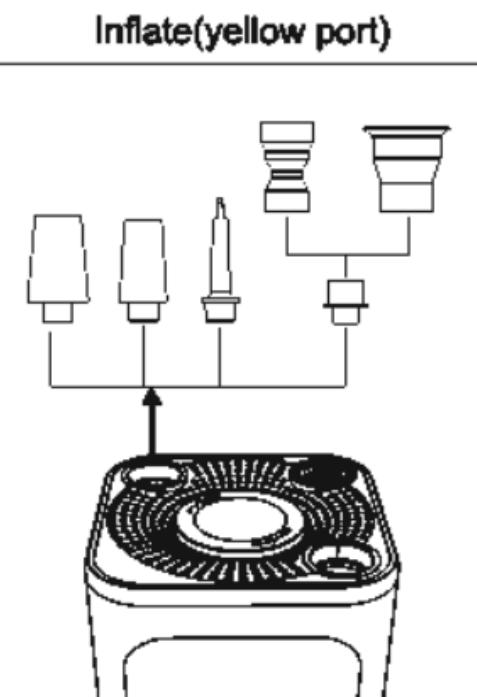
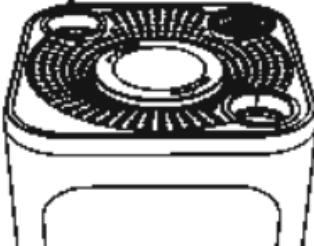
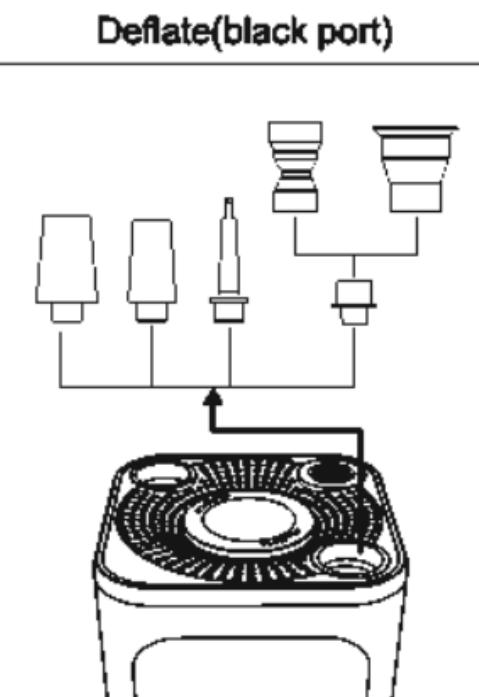
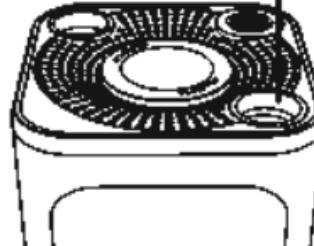
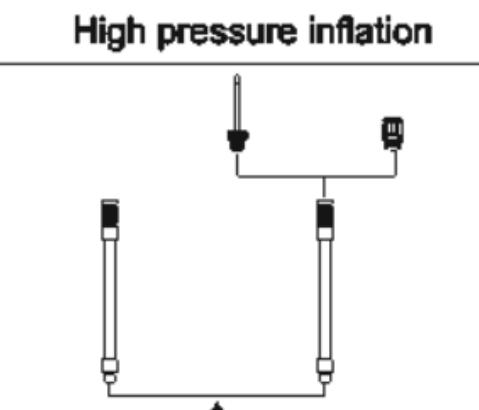
When the air pump is turned on, long press 1.5 seconds to turn off.

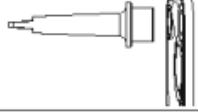
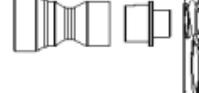


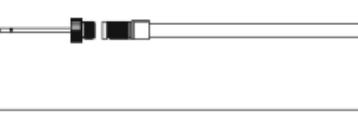
The air pump will automatically turn off in the cases below:

1. After 3 minutes of inactivity.
2. When the charging cable is disconnected during charging.
3. After 5 minutes of inactivity after being fully charged.
4. When the air pump is being used as a power bank, after disconnecting the other device.
5. Inflate over 5 minutes when the target pressure value is below 5PSI (Except blower mode).
6. Inflate over 3 minutes when the target pressure value is above or equates 120PSI.

6.CONNECTING AIR TUBE AND THE NOZZLE

Inflate(yellow port)	Deflate(black port)	High pressure inflation
 	 	 

Adapter Type	Connection method	Scope of application
Air mattress adapter		Air mattress, kayak, inflatable boat
Air pillow adapter		Air pillow, Air sofa, Air mattress
Swimming ring adapter		Swimming ring, Yoga ball
Air sleeping pad adapter		Air sleeping pad, Vacuum storage bag

Adapter Type	Connection method	Scope of application
Vacuum storage bag adapter		Vacuum storage bag
Air hose		Tires on cars, motorcycles, e-bikes, and most mountain bikes
Schrader-Presta valve adapter		Road bike
Needle valve adapter		Basketball, football, soccer ball, volleyball

7. DETECTING THE CURRENT PRESSURE

When the air pump is turned on, connect the air tube to the device to be inflated, and then the LED screen will display the current pressure value.

8. DETERMINING THE RIGHT PRESSURE VALUE

To avoid injuries from bursting items due to over-inflation, make sure you are aware of the maximum inflation pressure before you start.



Tires

The recommended air pressure of tires for cars, bicycles, and motorcycles is indicated on the tire's sidewall. The recommended tire pressure for cars is also indicated on the inside of the driver's side door.

For details concerning load carrying capacity and recommended air pressures, refer to your vehicle's instructions or manual.



Balls

The recommended air pressure for footballs, basketballs, volleyballs, and other balls is indicated near the ball's air valve.

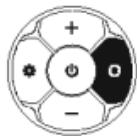
Blower items

Pumping the items such as Inflatable boats, air mattresses, air pillows, yoga balls, beach balls, and swimming rings cannot automatically stop. Because the air pressure requirement below the air compressor's minimum pressure range. Only inflate these items in blower mode and manually with caution.

Note: Always refer to the instructions or manual of the item being inflated for actual inflation pressure specifications.

9.PRESET PRESSURE VALUE

Switch Modes



Click the Mode button to switch among the five inflation modes below. Long press the Mode button to cycle through PSI/BAR/KPA. The number on the top of the screen indicates the real-time pressure of the inflated device, and the number on the bottom indicates the preset pressure.



Manual mode: When in the manual mode, no mode icon is selected on the screen.

The preset pressure value is adjustable, and the value and unit will be saved.

Adjustable Range: 3-150PSI / 0.2 - 10.3BAR



Car Mode: Default 35PSI

Adjustable Range: 28-75PSI



Bicycle Mode: Default 45PSI

Adjustable Range: 30-145PSI



Ball Mode: Default 8PSI

Adjustable Range: 3-16PSI



Pressurize Mode: Default 100 PSI

Adjustable Range: 8-150PSI



Blower Mode: Default level 1

Adjustable Range: level 1(Low), level 2(Medium), level 3(High)

Note:

When you have finished inflating an item, the manual mode will remember the target pressure value as its default pressure value.

For the best inflating experience, we suggest you inflate items like balls via the ball mode.

Adjusting the Preset Pressure & the level of blower

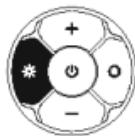


After selecting a mode, press + or - to increase or decrease the target pressure value. Press and hold the + or - button to quickly adjust the pressure value.

After selecting blower mode, press + or - to switch the level of wind speed from 1,2 and 3.

(It will not stop automatically in the blower mode. To prevent exploding the items, please do not leave it during use.)

10. LIGHT



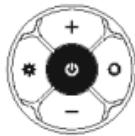
Press the light button to turn the air pump's light on/off. The light makes it easy to see in the dark when you have on any tasks, such as connecting the air compressor to a valve.

When the light is on, press the light button to cycle through Spotlight, SOS and OFF.

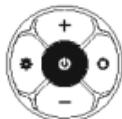
Note: After 30 minutes, the light will automatically turn off.

11. INFLATING

Start Inflating



Press the Power button to start inflating. When inflating, the air compressor may be as loud as 75 - 80 dB. Please take appropriate precautions to protect your hearing.



Stop Inflating

Once the target pressure value has been reached, the air pump will automatically stop inflating. The air pump can also be manually stopped at any time by pressing any button while inflating.

(It will not stop automatically when inflating in blower mode. To prevent exploding the items, please do not leave it during use.)

(When deflating in blowing mode, the pump will stop automatically after the item is deflated.)

12.DEFLATING

Start Deflating

Press the Power button to start deflating in blower mode (connect the nozzle to the deflation port).

Stop Deflating

The air pump could be stopped at any time by pressing any button while deflating.

(When deflating in blowing mode, the pump will stop automatically after the item is deflated.)

13.DISCONNECTING THE AIR TUBE

The air compressor's air hose may get very hot after inflating. To prevent injuries, exercise caution when disconnecting it from a valve. Some air may leak out of the valve when disconnecting the air compressor. To avoid pressure loss, quickly disconnect the air hose from the valve.

14.POWER BANK FUNCTION



This air pump can be used as 27W power bank when it is not being charged or inflating other devices.

The battery needs to have a reasonable level of charge in order to work as a power bank.

Note:

The air pump should be turned on when being used as a power bank.

When being used as a power bank, the air pump will enter "Energy Saving" mode if inactive for 3 minutes, and the screen will only display the battery level icon and charging percentage. In energy-saving mode, when disconnecting the charged device from the air pump, it will automatically turn off.

15.SPECIFICATIONS

Name	Air pump
Model	X10 CROSS
Dimensions	215×67.5×67.5mm(Excluding air tube)
Inflation Pressure Range	3-150PSI / 0.2-10.3BAR
Working Temperature	0°C~45°C
Storage Temperature	-10°C~45°C
Air Valve Dimensions	Length 460mm
Battery Capacity	28.86 Wh/11.1V
Working Noise	Lower than 80dB within 1 meter
Input	5V/3A, 9V/2A, 12V/1.5A, 18W MAX
Output	5V/3A, 9V/3A, 12V/2.25A, 27W MAX
Input/Output Port	USB-C
Charging Time	<1.8hours
Sensor Accuracy	±1PSI

16.TROUBLESHOOTING

Problem	Solution
Slow inflation speed	<ol style="list-style-type: none">1. Check whether the air compressor's battery level is sufficient.2. Check whether the air hose is leaking.3. Check whether both ends of the air hose are securely connected.4. Check whether the item that is being inflated is leaking.
Air compressor turns on but does not inflate	<ol style="list-style-type: none">1. Check whether the air compressor's battery level is sufficient.2. Check whether the pressure of the item being inflated exceeds the preset pressure.
Unable to increase or decrease the preset pressure	Make sure the air compressor is set to the correct mode. Manual mode has a blank display without any icons and allows you to adjust the preset value within the range of 3 - 150 PSI.
The inflator inflates normally but the displayed pressure is zero	The pressure of low-pressure inflatables including balloons are too low to be measured.
Charging slowly	Check if you are using a compliant 5V/3A charger and original USB cable

Problem	Solution
Air leakage after connecting the air tube	Make sure the air hose is securely connected.
The battery level indicator is different when inflating compared to standby state	The lithium battery's voltage level significantly drops when discharging power, causing the battery level indicator to have different display when inflating compared to standby state. This is normal.
The battery level indicator doesn't show on the screen after charging	Use a certified adapter and the included charging cable, and try charging again.
The inflator cannot charge other devices.	<ol style="list-style-type: none"> 1. Make sure the remaining battery level is sufficient. 2. The discharging output is 5V/2A. Make sure this output meets the requirements of the charged device. 3. The inflator can not charge other devices while inflating.
None of above. The inflator doesn't react with any input	Simultaneously press the light button and mode button to restart the inflator.
Report an error E16	The sensor measurement range is exceeded or abnormal (Liquid entering the product causing damage).

WARRANTY

This product is covered by a 12-month limited warranty for manufacturing defects.

929-693-6066 MON-FRI 9AM-5PM (ET)

www.fanttilk.com

support@fanttilk.com

METASEE LLC

12 GREENWAY PLZ STE 1161A HOUSTON,
TX 77046-1203

Made in China

