

NV Mask Portable air purifier
XF-MBX-0A

Shanghai Xunfeng Biological Technology Co.,Ltd

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Instructions

1. Please read all the information in this manual before operating this equipment and keep this manual as a reference.
2. This equipment can be charged by DC 5V power supply and powered by DC 3.6V lithium-ion battery. If not, please repair or replace it before use.

Safety Information

Please read, understand and follow all safety information in the manual before use and keep them for future reference.

Consequences of Safety Information
<p>⚠ Warning: Indicates a hazard with a medium risk that may cause death or serious injury if not avoided</p>
<p>⚠ Note: Indicates if not avoided, may result in minor or moderate injury hazard with a low level of risk</p>

⚠ **Warning**

Reduce fire and explosion, electrical shock or impact-related risks:

Before operating this equipment, please read all instructions, instructions for use and safety information in this product manual, and keep the manual as a reference.

Reduce shock-related risks:

- This equipment is not suitable for people with poor physical, sensory or mental abilities or lack of experience and knowledge (including children), Unless the

person responsible for their safety gives them supervision or guidance .

- Do not let children or pets touch or play with this equipment without supervision.
- Do not place the product in an unstable position.

Reduce the risk of fire, explosion or electric shock:

- Do not disassemble, modify or repair this product. The user can only replace the filter or clean this product. The special filter is authorized and approved by our company. Do not put any other accessories into the machine.
- This equipment can be charged by DC 5V power supply and powered by DC 3.6V lithium-ion battery.
- Please use a standard power adapter that meets the requirements of this product.
- Please insert the USB Type-C power adapter correctly and tightly.

Reduce fire and explosion related risks:

- Keep this equipment away from high temperature, heat sources or areas exposed to direct sunlight for a long time.
- Do not allow any liquid or suspended objects to enter the equipment.
- Do not store, install or use this equipment in any flammable, explosive or other dangerous environment.

 **Note**

Reduce shock-related risks:

- Before replacing the filter or cleaning this equipment, please turn off the power, disconnect the power and make sure that the fan is stopped before operation.
- Do not put anything into the air inlet and outlet of this equipment.

Reduce damage to this equipment:

- Do not bend, pull, twist or bundle the power cord or power plug forcibly.
- Do not use this equipment when the socket or body is damaged or fails to operate normally. Unplug the power adapter and send it to the authorized repairer to replace the damaged parts.
- Make sure that the filter has been installed correctly before turn on the power,
- Do not store, install or use this equipment in a humid environment.
- Do not touch the USB Type-C power adapter or operate this equipment with wet hands.
- Do not sit or stand on this equipment, or place heavy objects on it.
- According to the degree of air pollution and the length of using, the lifetime of the special filter is 4-8 hours. It is recommended that you replace it according to the actual situation to ensure the filtering effect.
- The filter is disposable and cannot be washed. Please do not try to reuse the filter after cleaning.
- Please check the air inlet and outlet regularly and keep the machine clean to prevent dust accumulation.

- Do not block the air inlet and outlet.
- Properly use and place to avoid falling and collision.
- Do not hit or scratch the product with sharp objects.
- When the portable respiratory purifier is not used for a long time, unplug the USB Type-C power adapter.
- Do not use chemical or abrasive cleaning products to clean the product.

Product Parameter

Rated Voltage	5V DC
Rated Power	3W
Rated Battery Capacity	12.06Wh
Product Size	143×64×38mm
Product Weight	≤300g
Particulate Clean Air Volume	24L/h
Sterilization Rate	≥99%
Noise	≤55dB(A)
Bluetooth	BLE V4.2+SPP V3.0
Working Temperature/Humidity	+5~+40°C/≤85%RH
Storage Temperature/Humidity	-20~+40°C/≤85%RH
Temperature Measurement Range	-40~+85°C
Humidity Measurement Range	0~100%RH

Features

- The patented technology is used to sterilize the inhaled air in real-time and

efficiently. The killing and removal rate of pathogens such as Escherichia coli and coronavirus $\geq 99\%$.

- Innovative filter system design, high efficiency filter air, remove particulate matter (such as PM2.5), formaldehyde, peculiar smell, etc., to provide safe and fresh air.
- Smart body design, one-piece structure.
- It can be wirelessly connected to the WeChat applet. The AI mode is turned on automatically after connection, and the air volume is adjusted in real time according to the air quality to ensure the purification effect.

Supplied Accessories

- Purifier host
- Mask
- Air connection pipe
- Manual

Installation Requirements

⚠ Warning

Reduce the risk of fire, explosion or electric shock:

- This product is only compatible with USB Type-C power adapters.
- Please insert the power plug correctly and tightly into the purifier interface.

How to Use

⚠ Warning

Reduce the risk of fire, explosion, electric shock or shock:

- Before operating this equipment, please read all the instructions for use, instructions for use and safety instructions in this product manual completely, and keep the manual as a reference.

1. Charging

1.1. When using it for the first time, please plug the USB Type-C power adapter into the power socket of the machine to charge it.

1.2. The orange charging light is always on when charging, and off when fully charged.

1.3. It can also be powered on when it is charged.

2. Booting

2.1. Press the button and hold for 0.5s to enter the sleep mode with a green light; press the button to the low-speed working state, the purple light is always on.

2.2. Click the button to switch between "high speed" and "low speed", the yellow light is always on in the "high speed" state.

2.3. Long press for 2s and release to shut down.

3. Wearing

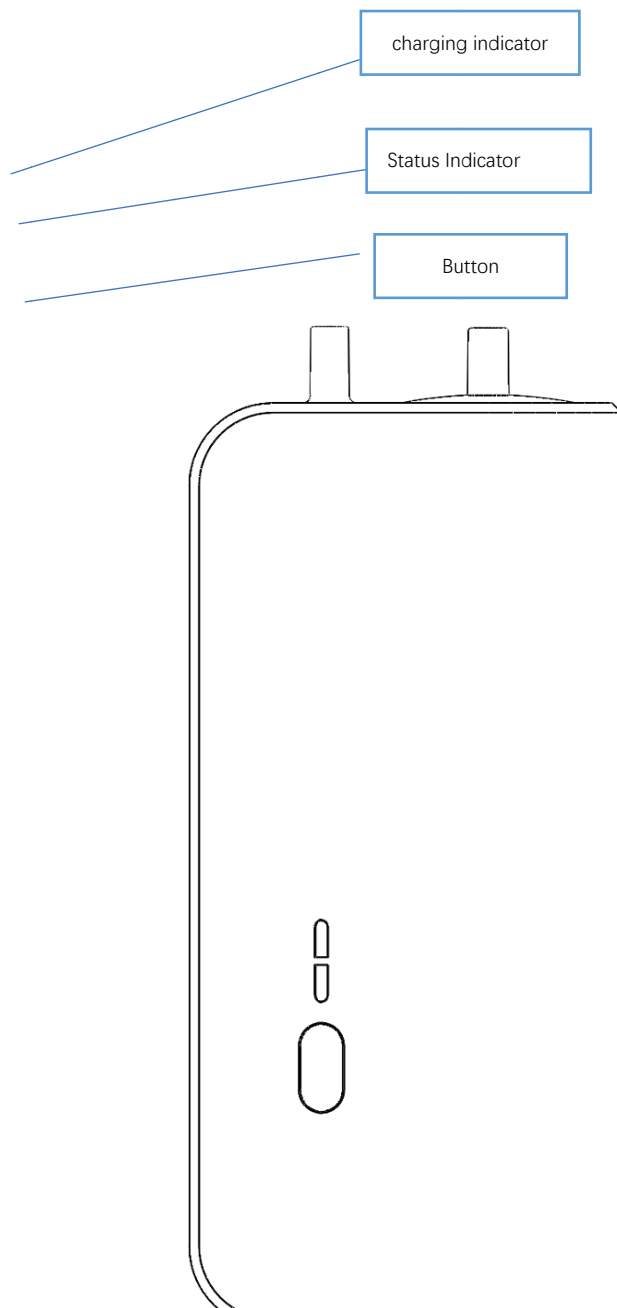
3.1. Connect the air supply pipe: one is connected to the mask, and the other is reliably connected to the purifier.

3.2. Wear a mask: check the special disposable mask, check the integrity of the outer packaging before unpacking, Do not use it if it is damaged. Wear a mask as shown in the figure and check the tightness of the mask.



Operating Instructions

Control Panel Function

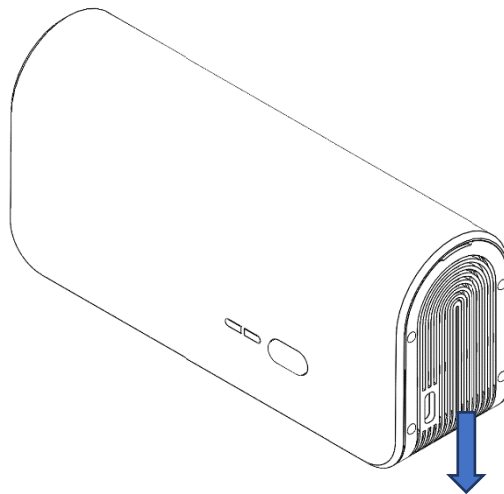


WeChat Mini Program

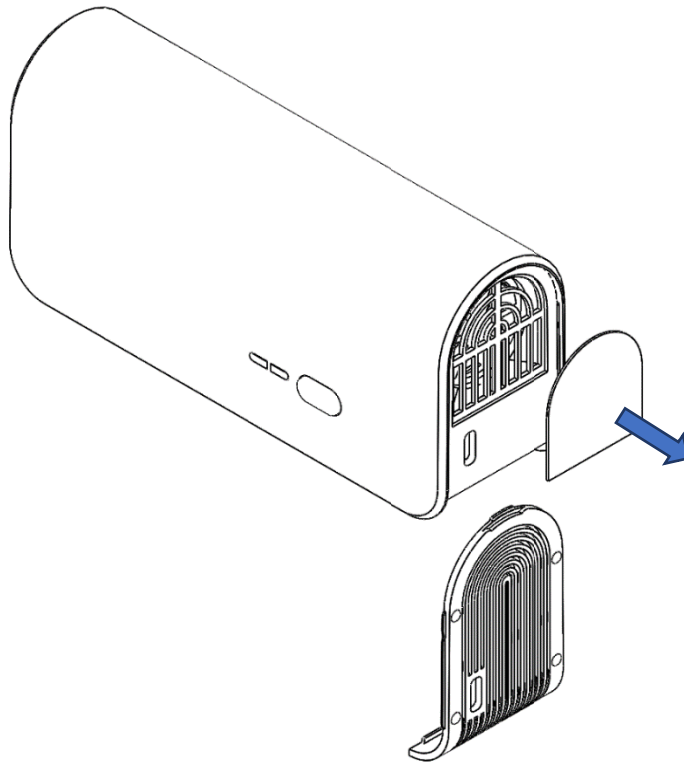
1. Press the "button" and hold for 0.5s to enter sleep mode.
2. Use the WeChat applet to add device functions, scan the QR code on the machine, and the applet opens the automatic connection function.
3. After successful pairing and connection, the applet will automatically jump to the working interface.

Filter Replacement

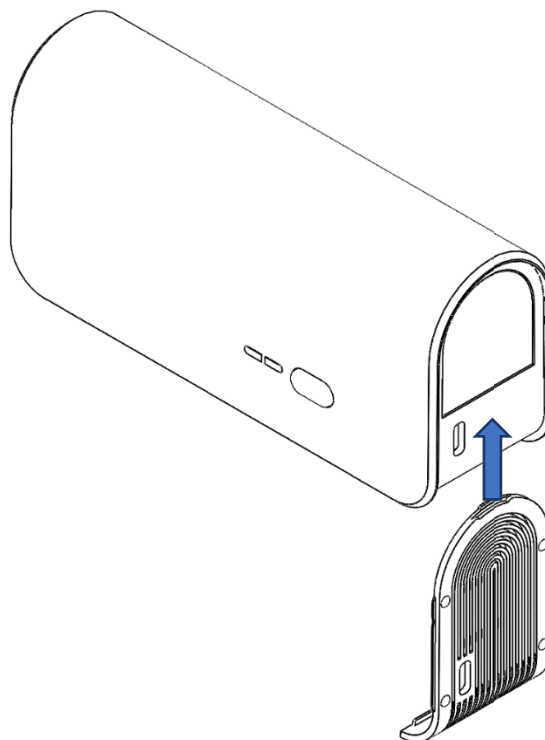
1. Unplug the power plug, turn off the power, and place the machine on a stable surface. Open the cover.



2. Gently pull the filter and take out the old filter, as shown in the figure



3. Install the new filter and close the cover.



⚠ Note

- According to the degree of environmental air pollution and the length of daily

use, the lifetime of the special filter is about 4-8 hours. It is recommended that you replace it according to the actual situation to ensure the filtering effect. If you connect to the WeChat applet, please replace the filter in time according to the instructions of the applet.

Cleaning Method

Warning

Reduce shock-related risks:

- Before cleaning the machine, please turn off the power and pull out the plug from the socket.

Note

Reduce damage to the machine:

- The filter is disposable and cannot be washed. Please do not try to reuse the filter after cleaning.
- Please check the air inlet and outlet regularly and keep the machine clean to prevent dust accumulation.
- Do not block the air inlet and outlet.
- Do not use chemical or abrasive products to clean the product.
- Please use a damp soft cloth to clean the surface of the machine..
- After cleaning, put all parts of the machine back in place, and turn it on to continue using.

Harmful Substances and Recycling

Name	Harmful Materials					
	Pb	Cd	Hg	hexavalent chromium	polybrominated biphenyls	PBDE
Structural part						
Electrical part						
Appurtenances						

This form is compiled in accordance with SJ/T 11364.

☺: Indicates that the content of the hazardous substance in all homogeneous materials of the part is below the limit requirement specified in GB/T 26572.

×: Indicates that the hazardous substance store contains at least one of the homogeneous materials of the part exceeding the limit requirement of GB/T 26572.

Electrical components: including printed circuit boards and their parts, electronic components, etc.



Please dispose of the filter as non-recyclable garbage.

Common problems and solutions

When the following situations occur in the portable respiratory purifier, you can

take the following measures first: Please unplug the power plug or contact the after-sales service hotline 400-807-3663 (Monday to Friday 8:30-17:30).

Problems	Solutions
Cannot turn on the machine	<ul style="list-style-type: none"> ● Please make sure that the battery is fully charged. If there is no USB Type-C power adapter to connect, try to boot again after 15 minutes. ● Make sure that the power adapter output voltage is normal ● Check the machine power cord is connected properly ● Make sure the machine is power-on state ● If the machine still cannot be turned on after confirmation, please contact the after-sales service hotline
Fan can't working	<ul style="list-style-type: none"> ● Please check whether the power cord is properly connected ● Please check the machine to make sure that there are no objects blocking the air inlet and outlet ● Please confirm the condition of the filter. If the filter is dirty, please replace it . ● If the fan still does not work after confirmation, please contact the after-sales service hotline immediately
Buttons don't	<ul style="list-style-type: none"> ● Please make sure that the battery is charged. If there is no

work	<p>USB Type-C power adapter, try to boot again after 15 minutes.</p> <ul style="list-style-type: none"> ● Please check whether the power cord is in good contact ● If the touch buttons still do not work after confirmation, please contact the after-sales service hotline immediately
Filter is not applicable	<ul style="list-style-type: none"> ● Please check the model number on the filter to see if it is a special filter for portable respiratory purifiers ● Please confirm that the filter is actually placed in the filter slot ● Please make sure that nothing is blocked in the filter ● When replacing the new filter, please remove the plastic film.
The air volume is obviously smaller	<ul style="list-style-type: none"> ● Please check the body to make sure that there are no objects blocking the air inlet and outlet ● Please confirm the condition of the filter, if the filter is dirty, please replace it.
The noise increases significantly	<ul style="list-style-type: none"> ● Please make sure that there are no objects blocking the air inlet and outlet ● Please confirm the condition of the filter, if the filter is dirty, please replace it with a new one
Unable to install the filter cover in	<ul style="list-style-type: none"> ● Please check if the installation direction of the filter cover is correct

place	
Unable to connect with WeChat applet	<ul style="list-style-type: none"> ● Please confirm whether the connection is carried out according to the standard operating procedure ● Please make sure the distance is within 8 meters ● Please make sure that the working temperature of the equipment is within -10°C to 50°C ● Please confirm whether the purifier is in a long-term low power or off state ● If you are still unable to connect, please contact the after-sales service hotline immediately.

Quality Assurance and Product Maintenance

The warranty period of this product is calculated from the date of purchase. If this product fails under normal use in accordance with the product instructions and operating guide, you can use the warranty card and purchase invoice to enjoy the warranty service at the designated repair point in accordance with this warranty policy. If the warranty certificate is lost, the warranty period of this product will be calculated from the date of production plus 60 days.

From the date of purchase, our company provides a free warranty within one year. In the following situations, although within the effective warranty period, the company shall charge material fees and repair costs as appropriate:

- Damage caused by force majeure

- Failure caused by improper use and human negligence
- Failure due to modification

⚠ Note:

- The special filter for the portable respiratory purifier is not covered by the warranty.
- After the warranty period has expired, the cost will be charged as appropriate.
- Warranty and repair services are limited in mainland of China.
- The parts replaced in the warranty belong to our company.
- Our company is not responsible for the indirect loss of customers that may be caused when the product fails.

FCC Statement :

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.