

Product	Air Purifier	Model	LP560THP	Page	1
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Electronic control function specification

Product	Air Purifier
Model	LP560THP
Specification	Input: 120V 60Hz Power: 88W
File No.	OX202310-LP560THP
Version No.	V.3
Completed	
Reviewed	
Date	2024.10.11

1. Rating:

Rating	120V 60Hz
noise	≤55dB (A)
Service environment	-20°C ~40°C
ERP	0.7W

2. Circuit components.

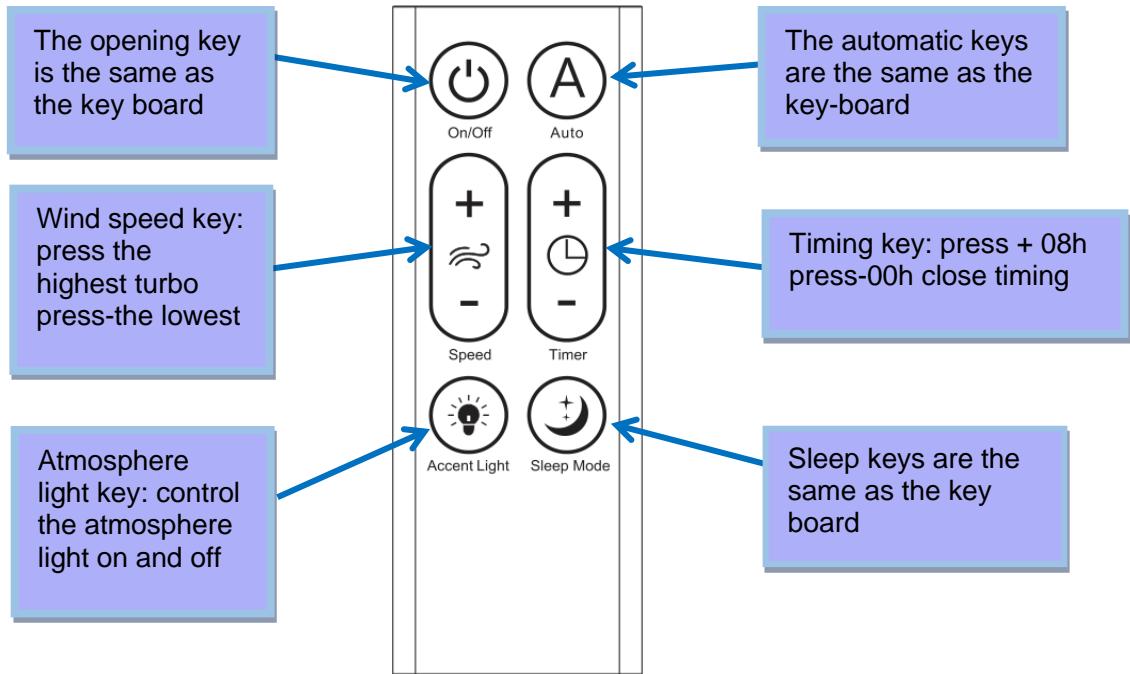
Part name	QTY	specification
Power PCB	1	Lower Speed, Middle Speed, High speed, Pole speed
Control PCB	1	7 PCS touch switch, key function indicator light
Sensor PCB	1	PM25+VOC
Switch PCB	1	Switch
Ambient lighting	1	12V blue Led light
Air quality indicator lamp	1	5V RGB light belt
Motor	1	120V AC
telecontroller	1	Infrared remote control
RFID Read the card module	1	5v input rfid rf ic card induction module
RFID Label	1	NFC Label φ25mm

3. work specification

Identification of the rfid filter screen	The machine is identified with rfid, and it can be used normally when the original filter is assembled, but when the filter is removed or the non-original filter is installed, the two filter indicators are always on. Press the power button will sound 3 sound didi alarm (can not be started), prompting the user to install the correct filter to start the machine. Unable not read back rfid card during the use, it will shut down after 10 seconds, and two indicator lights are on to remind the user.
Power on	Power on all the indicator lights and the light belt to light together. A second later it went out, the buzzer said it was on."
Switch key	1. In standby state, press the panel to open the key, and the buzzer calls-short, and enter the boot state; the startup wind speed is default middle range m) Wind speed, the air quality indicator light is on, and the boot indicator light is on. 2, press the key again, the machine stops working and enters the standby state.one
Wind speed key.	In the boot state, press the wind speed key to select different wind speed, the whole machine can run at the set wind speed, and the first boot default is the middle range (m) wind speed operation. The specific operation process is as follows: m---h---turbo o-l one m, cycle; l one low, m one medium, h one high grade, turbo one strong; first start (high grade run bs, then switch to the corresponding gear); each wind speed icon indicator (blue).

	Timed key	1.Press the indicator key for 1 time, press the indicator light for 2 hours; 2. Press once, and the timing 4-hour indicator light is on 3. press once again, and the timing 8-hour indicator light is on. 4,press once again, the timing indicator point is off, and cancel the timing shutdown function. 5, each press, timing 2h-4h-8h-cancel, cycle in turn.
	The atmosphere of the light key	1. Turn on the atmosphere light button in the control panel is on, and the atmosphere light is blue.. 2. Press again, the indicator of the control panel is off and the atmosphere light is off..
	Automatic key.	1. Press once, the control panel automatic key indicator light is on, and the air quality condition of the machine gear root works. 2. Press once again, cancel the "automatic" function, and the machine gear returns to the gear before the "automatic" start."Automatic gear works according to the air quality condition: air quality in excellent: pm2.5 value is less than 65, voc value is less than 100, the machine works in low air quality indicator green."Air quality is good: pm2.5<120, voc 100-300, the machine works in, air quality indicator lights blue."The air quality is in medium : pm2.5 value 120-160, voc value 300-600, the machine works in high grade, the air quality indicator lights orange.. Poor air quality: when pm2.5 value is greater than 160, voc value is greater than 600, the machine is working in extreme speed, and the air quality indicator is red. Small (pm2.5 value and voc value of one of the first to start the corresponding gear and color).
	Sleep key	1, press once, the control panel sleep indicator dark, other indicators off, machine I-low work, atmosphere light out, air quality indicator off.2, press again, cancel the sleep function, the sleep indicator light is off, other indicators back to the state before sleep, the air quality indicator light is on, the machine wind speed back to the gear before sleep."(In sleep mode, pressing another key is invalid, pressing the shutdown key to stop the machine and enter the standby state).
	Filter timing and clear accumulated	1. The primary screen indicator flashes after 2160 hours; after 4320 hours. 2.The filter flashes until the indicator (red), but the buzzer will sound every time it is turned on. After replacing the filter, press the reset key for 5 seconds, the buzzer rings 3 times, the indicator (red) flashes 3 times and then goes off, indicating the new time (only the time can clear 0). 3.At the same time, long press the filter reset button and the auto button for 5 seconds to clear all the timing (this item is used by the factory)
4.other instructions	buzzer	with each key press, the buzer rings.
	remote control.	See the function description of the remote control..

5. Remote control



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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

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.