



Guardian 1.5 User Manual

Temperature Control

Guardian 1.5

Temperature Control

Size: 100.0mm*57.0mm*28.5mm

Material: Zinc alloy and silica gel



Specification

1. Operating Voltage: 6.4V - 8.4V.
2. Maximum Output Current: 40A.
3. Operating Wattage: 5.0W - 150.0W
4. Temperature Control Mode Available
 - 4.1 Temperature Control is available when using Nickel 200 coil as well as Titanium coil.
 - 4.2 Nickel 200 coil and Titanium coil working resistance range: 0.05Ω - 1.0Ω .
 - 4.3 Temperature control range: 200°F - 600°F / 100°C - 300°C .
5. Standard atomizer working resistance range: 0.05Ω - 3.0Ω .
6. Short Circuit Protection.
7. Low Voltage Protection.
8. Overheat Protection.
9. Battery-reversal Protection.
10. Overtime Vaping Warning.
11. Power-off memory function.
12. Using 2 X 18650 high-drain external battery.
13. The battery installation: Series.

Operation Guide

1.ON/OFF Battery Switch

By pressing the fire button 5 times quickly, the screen will display "DOVPO" logo.It leads you to main interface. See picture 1.1(In Ni 200 coil temperature control mode). See picture 1.2(In Titanium coil temperature control mode). See picture 1.3 (In wattage mode).



Picture 1.1



Picture 1.2



Picture 1.3

2.Sleep Mode On/Off

The screen will go dim after 60 seconds of no activity. Wake up this device by pressing any button when in Sleep Mode.

3.Auto Power-off / Manual Shutdown

3.1 The device will power-off automatically after 60 minutes no use, you need restart the device by pressing the fire button 5 times quickly to vaping again.

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3.2 When in the main interface, press the fire button 5 times quickly then the device will be in Lock Mode. In this mode holding the fire button until the screen display " GOOD BYE! ", device shutdown.

4.Start Vaping

4.1 When in wattage mode, by pressing the fire button, the main screen will display voltage in the bottom right corner, will display the wattage in the middle. See picture 4.1. Ni 200 coil and Titanium coil is not available in this mode.

4.2 When in Ni 200 coil temperature control mode, if vaping with Ni 200 coil, the main screen will display the temperature of the coil. See picture 4.2. Ni 200 coil available only in this mode.

4.3 When in Titanium coil temperature control mode, if vaping with Titanium coil, the main screen will display the temperature of the coil in the right. See picture 4.3. Titanium coil available only in this mode.

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Picture 4.1



Picture 4.2



Picture 4.3

5. Wattage Settings

When in wattage mode, using the "+" or "-" button will allow you to increase or decrease desired wattage by 1.0W. Holding in either button will cause the wattage to increase or decrease quickly.

6. Temperature Settings

When in Ni 200 coil / Titanium coil temperature control mode, using the "+" or "-" button will allow you to increase or decrease desired temperature by 10F/5°C. Holding in either button will cause the temperature to increase or decrease quickly.

7. Temperature Control mode and Wattage mode Setting

When in main interface, press the vaping button 3 times quickly will allow you to choose the Ni 200 coil / Titanium coil temperature control mode and wattage mode.

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8.Celsius and Fahrenheit Setting

When in Ni200/Titanium temperature control mode, change from Fahrenheit to Celsius by scrolling to the minimum temperature setting. Then press the “-” button once more to switch to the opposite mode.

9.Lock the Initial Resistance

9.1 When in Ni 200 coil / Titanium coil temperature control mode, after you put a new atomizer into the device you should press and hold both “+” and “-” button to lock the initial resistance. See picture 9.1. To read a correct resistance value please ensure the Nickel coil or Titanium coil is under ambient temperature before activating the Guardian 1.5; There is no need to lock the initial resistance if it's a same atomizer.

9.2 When in wattage mode, when you put a new atomizer and press the fire button the device will read the resistance and firing, there is no need to lock the initial resistance.



Picture 9.1

10. Lock Mode

Turn on Lock Mode by pressing fire button 5 times quickly. All functions will be disabled in Lock Mode. Screen displays "LOCKED CLICK 5X" when you press any key. To turn off Lock Mode, please press fire button 5 times quickly.

11. Stealth Mode/Standard Mode

11.1 When in Lock Mode, by pressing and holding both fire button and "-" button until the words "STEALTH MODE" appears, the device switches to Stealth Mode.

When in Stealth Mode, the screen only displays warning information or "LOCKED CLICK 5X". You can start stealth vaping by turning off Lock Mode (pressing the fire button 5 times quickly).

11.2 When in Lock Mode, by pressing and holding both fire button and "-" button, the device switches to Standard Mode when the words "NORMAL MODE" appears.

12. Left/Right Hand Mode

When in Lock Mode, press and hold both fire button and "+" button until the screen rotates by 180 degrees from Left to Right or Right to Left.

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13. Temperature Control Mode

- 13.1 Temperature Control is available when using Nickel 200 coil as well as Titanium coil.
- 13.2 When in Nickel 200 coil temperature control mode, the device will display the correct temperature with Nickel 200 coil only.
- 13.3 When in Titanium coil temperature control mode, the device will display the correct temperature with Titanium coil only.
- 13.4 Nickel 200 coil and Titanium coil working resistance range: $0.05\Omega - 1.0\Omega$.
- 13.5 Temperature control range: $200^{\circ}\text{F} - 600^{\circ}\text{F}/100^{\circ}\text{C} - 300^{\circ}\text{C}$.
- 13.6 When in temperature control mode, every time you put a new atomizer into the Guardian 1.5 you should lock the initial resistance first before firing.
- 13.7 Before lock the initial resistance please ensure the Nickel coil or Titanium coil is under ambient temperature before activating the Guardian 1.5, or it may read a wrong resistance value.

- 13.8 When in temperature control mode, working temperature of the device is associated with the setted wattage. If the setted wattage is low, the temperature in vaping may increase slowly or can not meet the setted temperature.
- 13.9 To ensure constant temperature for the coil, the Guardian 1.5 will automatically adjust its output power to meet the desired temperature. The device will prevent the coil from being damaged by a higher than desired temperature scenario caused by low juice volume or other reasons.

14. Overtime Vaping Warning

The device will force shut down by itself after 10 seconds of continuous firing.

15. Low Voltage Protection

- 15.1 When the two 18650 batteries in series connection and the voltage is as low as 6.4v the device will stop working and display "LOW BATTERY".
- 15.2 When power on and during vaping with a voltage lower than 5.5V will display "WEAK BATTERY" If the battery capacity is full and display "WEAK BATTERY" . This can be adjusted by using a low-drain/overused battery or it could be caused by poor connection.

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16.Short Circuit Protection

- 16.1 If the atomizer has a short circuit, the screen will show "ATOMIZER SHORT" when pressing the fire button.
- 16.2 The device will restart if a short circuit happens during working, the screen will display "OVER CURRENT". It also could be caused by excessive instantaneous current.

17.Overheat Protection

When the mainboard's temperature is too high the device will stop working and will display "DEVICE TOO HOT" screen.

18. The screen will display "CHECK ATOMIZER" if there's no atomizer attached to the device or an atomizer that has an open circuit.
19. The screen will display "ATOMIZER TOO LOW" if the resistance of the coil is lower than 0.05Ω .
20. The screen will display "ATOMIZER TOO HIGH" if the resistance of the coil is equal or greater than 3.5Ω .

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- 21.** The screen will display "TEMPERATURE PROTECT" if temperature of the coil gets too high.
- 22.** For safety, it is recommended to use two batteries of the same power, capacity, and discharge rate. We also recommend you to marry these batteries and use the pair together at all times.
- 23.** To let you have a good feeling of smoking, please make sure the NI 200 coil, Ti coil or standard coil is working in corresponding mode. It is not recommended to use nickel coils or titanium coil during high wattage vaping in WATTAGE MODE. This is to avoid damaging the atomizer.
- 24. Loading/Removing batteries**
Install 2*18650 high-drain batteries into battery ports. Make sure batteries match positive and negative connections, close the tail-hood. See picture 24.1
Then switch the button to "LOCK", the device is ready to work. See picture 24.2
Switch the button to "UNLOCK", you can remove the batteries.

Operation Guide



Picture 24.1



Picture 24.2



REMARK

Please use the battery with good insulation. It is not recommended to use battery with broken insulation. See picture below.



Operating Instructions

1. Please use all the accessories in right way to avoid any damage which may be caused by incorrect usage.
2. Please use the original charge cable or the 18650 battery charger when charging.
3. When not using your device for a long period of time, please turn off the system, remove the batteries and store it in a dry, safe place to avoid damage.
4. If something wrong happens to the products, please ask a professional to repair it instead of doing it by yourself.
5. Please keep this product and accessories away from children.
6. Please observe the rules strictly.
7. While cleaning, please unplug the power, and do not use wet towels.

