



MADE IN CHINA
Manufactured by Eleaf

Manufacturer: Shenzhen Eleaf Electronics Co., Ltd.
Address: Area B, 1-2F, B-28, Heyi Beifang Tech Industrial Park,
Shajing Town, Baoan District, Shenzhen, China.

Email: info@eleafworld.com
Web: www.eleafworld.com

Eleaf™

ASTER
User Manual

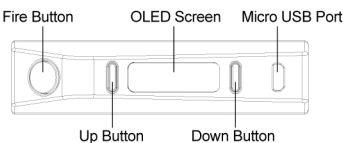
Notice for Use

Thank you for choosing Eleaf products! Please read this manual carefully before use so as to use correctly. If you require additional information or have questions about the product or its use, please consult your local agents, or visit our website at www.eleafworld.com.

Production Introduction

Beautiful and colorful, ASTER is a new skillfully engineered product with a fashionable appearance. Powered by single interchangeable 18650 cell, it is capable of outputting up to 75W of power. It also features the upgradeable firmware and convenient side charging port. With an ergonomically redesigned shape, you can hold it in the palm with ease and comfort.

How to Use?



Power on/off: Open the battery cover from the bottom, put one high-rate 18650 cell (positive pole up and negative pole down) into the ASTER and finally put the battery cover back. The device can be powered on/off by pressing the fire button 5 times in quick succession.

Note:

1. Please don't use cell with torn casing as it is a safety hazard.
2. Please make sure you are using a high-rate 18650 cell whose continuous discharge current should be above 25A.
3. Before using, please set the wattage within a proper range that the atomizer you installed can work with.

Vaping: Long press the fire button to take a puff when the device is powered on.

Stealth on/off: Press the fire button and down button simultaneously when the device is powered on to switch between Stealth On and Stealth Off mode. In Stealth On mode, you can vape with the OLED screen off and you can press the fire button one time to see current setting.

Adjustment buttons lock/unlock: Keep pressing up button and down button simultaneously for two seconds when the device is powered on, then the up

and down buttons will be locked and the screen will display "Lock". In the same way, the up and down buttons can be unlocked and the screen will display "Unlock". Through this operation, you can protect the buttons from unintentional presses and prolong their lifespan.

Switch display mode: Keep pressing up button and down button simultaneously for two seconds when the device is powered off, the screen display will rotate 180 degrees. You can view the screen from two different angles through this operation.

Switch vaping modes: When the device is powered on, press the fire button 3 times in quick succession, the device will display current vaping mode. Press the up or down button to switch among VW, Bypass, Smart, TC-Ni, TC-Ti, TC-SS, TCR-M1, TCR-M2, TCR-M3 modes and then press the fire button one time or stay in the interface for about 10 seconds to confirm the vaping mode you chose.

1) VW mode:

When set in VW mode, the device can support a coil whose resistance is within the range of 0.1ohm-3.5ohm.

Adjust wattage: In this mode, the output wattage can be adjusted from 1W to 75W by pressing up button or down button, up button to increase and down button to decrease.

Long press up button or down button can rapidly increase or decrease the wattage level.

2) Bypass mode:

When set in Bypass mode, the device can support a coil whose resistance is within the range of 0.1ohm-3.5ohm. Direct output voltage system is applied in this mode. The higher the battery level, the higher the output voltage.

3) Smart mode:

In Smart mode, the wattage can be adjusted from 1W to 75W by pressing up button or down button only when an atomizer is installed on the device. The Smart mode will save one output power setting for each resistance value and can totally save ten groups of such profiles. Once you change the output power setting for a resistance, it will re-save the changed setting automatically. When the Smart mode has already remembered ten profiles and you want to add another new resistance, the first saved profile will be deleted. When set in this mode, the device can support a coil whose resistance is within the range of 0.1ohm-3.5ohm.

4) TC-Ni/TC-Ti/TC-SS/TCR(M1, M2, M3) Mode:

When set in TC-Ni/TC-Ti/TC-SS mode, the device can separately support Nickel 200, Titanium, and Stainless Steel 316 coils. In TCR (Temperature Coefficient of Resistance)

mode, the device can support different temperature control coils within different TCR value ranges and you can set the TCR at different values within proper range. (Resistance range of coil: 0.05ohm-1.5ohm)

The Setting of TCR Mode (M1,M2,M3): When the device is powered off, keep pressing the fire button and the up button simultaneously, then you will enter into the TCR (M1,M2,M3) set menu:

1. Press the up or down button to choose among M1, M2 and M3 modes;
2. Press the fire button one time to confirm the mode you chose;
3. Press the up or down button to increase or decrease the TCR value according to the material of the coil you use;
4. Keep pressing the fire button or stay in the interface for about 10 seconds to confirm your setting.

Following are different TCR value ranges for different coils for your reference:

Material	Nickel	Titanium	NiFe	SS(303,304,316,317)
TCR Value Range	600-700	300-400	300-400	80-200

- Note: 1. The TCR value in the sheet is 10^3 multiplied of the actual TCR.
2. Our total range of TCR value is 1-1000.

Adjust wattage: In TC-Ni/TC-Ti/TC-SS/TCR(M1,M2,M3) mode, the output wattage can be adjusted from 1W to 75W. Press the fire button 4 times in quick succession to enter the wattage setting menu and press up or down button to increase or decrease the wattage level. Keep pressing up or down button without looseness to rapidly increase or decrease the wattage level.

Adjust temperature: In TC-Ni/TC-Ti/TC-SS/TCR(M1,M2,M3) mode, temperature can be adjusted from 100-315 °C or 200-600 °F by pressing up button or down button, up button to increase and down button to decrease. Each press of the up or down button will increase or decrease the temperature setting by 5 °C or 10 °F. Keep pressing up button or down button without looseness can rapidly increase or decrease temperature setting.

Shift between °C and °F: If you increase the temperature to 315 °C, and continue to press the up button, the temperature reading will automatically change to the lowest Fahrenheit (200 °F). Equally, if the temperature is set at the lowest Fahrenheit (200 °F) and you continue to press the down button, the temperature reading will automatically change to the highest Celsius (315 °C).

Lock/Unlock resistance: In TC-Ni/TC-Ti/TC-SS/TCR(M1,M2,M3) mode, when the device is powered on, keep pressing the fire button and up button simultaneously for two seconds

to lock or unlock atomizer "base resistance". The lock sign will appear when resistance is locked and "Ω" symbol will come back when unlocked.

Note:

1. Please lock the resistance when the coil is at room temperature so that the device can display the correct "base resistance".
2. In resistance lock mode, when you remove the coil and then put it back, the device can maintain the same "base resistance" although the coil resistance may increase due to the rise of temperature. In resistance unlock mode, when you remove the coil and then put a coil back, the screen may display "New coil up same down" as the coil resistance may increase within certain range. If it is the same coil, press the down button and if it is a new coil, press the up button. But please unlock the resistance when you want to change an atomizer or a coil of different resistance.
3. When using a common coil or a coil whose resistance is above 1.5ohm in TC-Ni/TC-Ti/TC-SS/TCR(M1,M2,M3) mode by mistake, the device will automatically switch back to VW mode.

How to put custom logo in the device?

Download the file on our official website, plug the device in with USB cable, and double click the EleafUpdate.exe. Then click "LOGO" and open the image you choose to put

it in the device. Finally press the fire button twice in quick succession when the device is powered on to enter logo on/off interface and press up or down button one time to turn on/off logo.

Note:

1. Please make sure the image you choose is a monochrome image of 96*16 pixel in the format of bmp.
2. If you fail to put the custom logo in and the device shuts down, press the down button one time to restart the device.

Functions of Micro USB Port

Charging:

The battery power indicator on the screen of ASTER will keep flashing when the remaining power of the 18650 cell is less than 10%. It is recommended to charge the 18650 cell with an external battery charger as it will take less time to give it a full charge.

Firmware Upgrading:

The firmware can be upgraded by connecting the device with a computer through the USB port via a micro USB cable.

Properties

Atomizer Protection: Each time when vaping time exceeds 10 seconds, the output shuts off automatically with "Over 10s" display on the screen.

Atomizer Low Alert: When the resistance of coil is lower than 0.1ohm in VW/Bypass/Smart mode or lower than 0.05ohm in TC modes, the screen will display "Atomizer Low".

Atomizer Short-circuit & No Atomizer Protection: When atomizer short-circuit occurs, the screen will display "Atomizer Short". The screen will display "No Atomizer" when there is no atomizer connected.

Low-voltage Protection: When the voltage of the cell is below 3.3V, the screen will first display "Battery Low" and then "Lock". Charge the cell to reactive the device.

Temperature Protection: In TC modes, when the actual temperature of coil reaches the set temperature, the screen will display "Temp Protection". You can continue to use the device normally.

Temperature Alert: If the temperature of device is over alert temperature, the output will shut off automatically and the screen will display "Device Too Hot". You can continue to vape after it cools down.

Weak Battery Alert: In all vaping modes, when the device is working with an atomizer and the voltage of the cell drops below 2.9V, the screen will display "Weak Battery". Meanwhile,

Warranty

We are not responsible for any damages caused by human error. Legal warranty is applied.

Warnings

1. Please keep out of reach of children.
2. This product is not recommended for use by young people, non-smokers, pregnant or breast-feeding women, or persons who are allergic/sensitive to nicotine.

Contra-indication

1. Do not attempt to repair the product by yourself as damage or personal injury may occur.
2. Do not leave the product in high temperature or damp conditions, otherwise it may be damaged.
3. Do not use this product for other purposes except only for vaping and don't swallow the e-liquid.

Possible Adverse Effects

1. This product may be hazardous to health and contains nicotine which is addictive.
2. For people with adverse reaction after using this product, it is recommended to use the e-liquid with lower nicotine content or no nicotine.