

## STM-2 Advance Mod

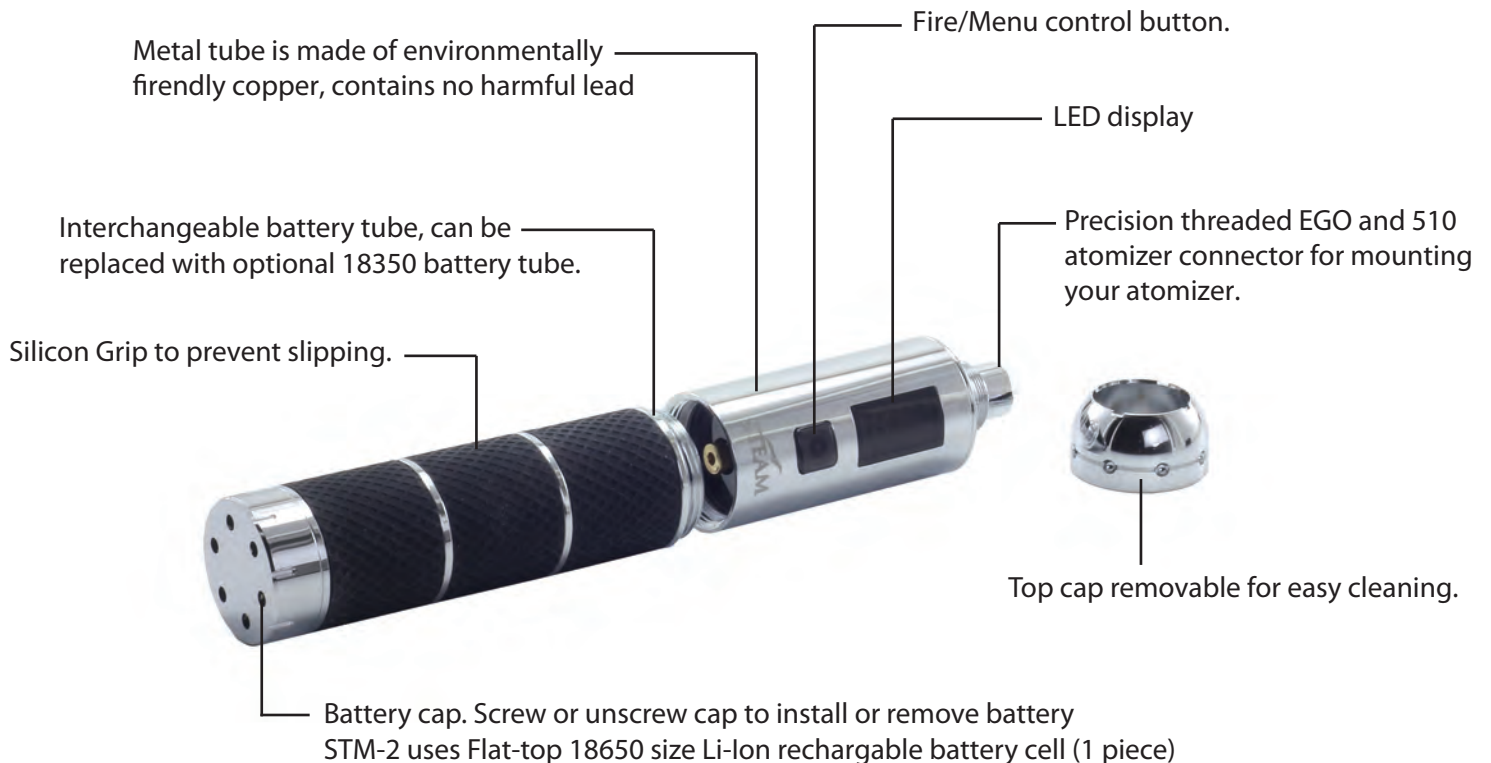
### User Manual



## Thank you for Choosing STEAM STM-2 Advanced Vaping System.

Your STM-2 Advanced Vaping Device is packed with advanced features. Compared to other devices of a similar category, the STM-2 offers higher output power to produce more vapor and brings out the flavor of your E-liquid. In addition to its great performance, the STM-2 is also enhanced with a complete protection circuit design. It protects not only the device itself, but also your atomizer and battery. In the event of a problem, the device will stop automatically to prevent your device and accessories from becoming damaged. Please read this manual carefully to enjoy the most from your new device.

## Understanding your new STM-2



## STM-2 Deluxe kit content

The Deluxe kit includes:

1 unit	STM-2 Main Unit
2 units	Samsung ICR18650-26F (2600mah) Li-Ion rechargeable batteries
1 unit	HG-106Li Single slot Battery Charger (for 18650 type battery)
1 unit	Pouch Lanyard

### **Use only 18650 Flat-Top Batteries**

The STM-2 Deluxe Kit comes with two Samsung ICR-18650-26F Li-Ion rechargeable batteries. The Samsung ICR-18650-26F is considered a very reliable Li-Ion battery. With a capacity of 2600mAh, a fully charged battery can last 1~2 days (dependent on usage). Two batteries allow you to rotate between charging. We recommend rotating batteries daily, even if the battery is still half full. It can extend the life span of the battery.

For those of you who may have concerns about the possibility of battery failure, the STM-2 is designed with a 4 amp limitation on its internal circuit board. In the rare event of the battery current becoming extreme, the STM-2 will cease to function before any damage can occur. Of course, we still strongly recommend you to use good quality 18650 batteries to protect your device.

## Step 1 - Fully Charge your battery

Fully charging your brand new batteries can extend the life span of your battery.

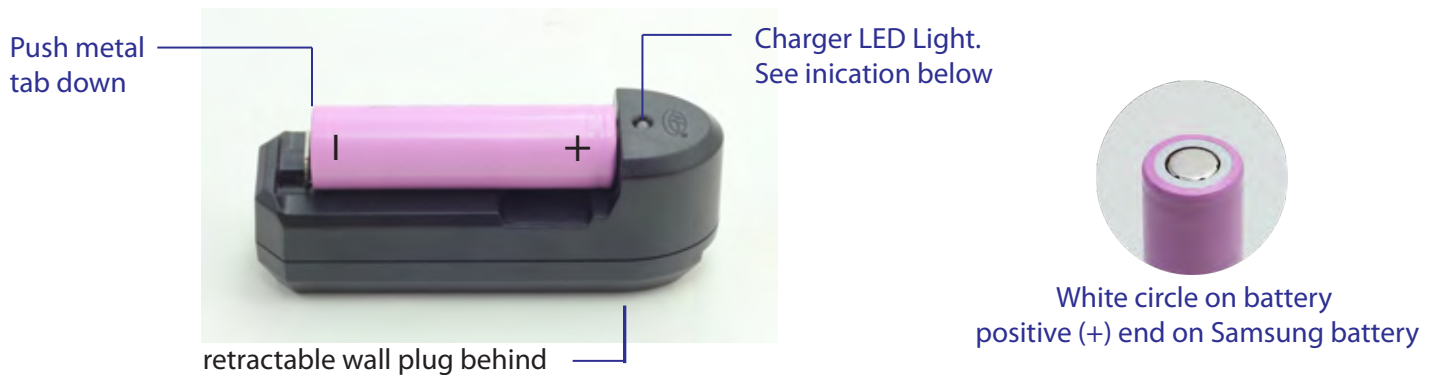
The 18650 Li-ion batteries will initially be partially charged only. It is strongly recommended fully charging your battery before first use.

In the STM-2 Deluxe Kit, one of the 18650 batteries will be installed into the STM-2 Main unit. For shipping safety, we have placed a round green sticker on the Negative (-) end of the battery to prevent accidental power ON. Please remove the sticker and its glue residual before initial charging.

## Step 1 - Fully Charge your battery (continued)

Please note that it could take up to several hours to charge a 18650 Li-Ion battery, depending on the charger you have. The HG-106Li charger included in the Deluxe Kit takes approx. 7 hours to charge a battery to full.

To charge with HG-106Li charger, push the metal tab down until you can place the 18650 battery into the slot. The positive (+) end of the battery should be on the same side where charger LED light is located. For Samsung 18650 battery included in the deluxe kit, the positive (+) end can be identified by a white circle around the positive contact point.



During charging process,

When LED is steady Red = Charging

When LED is blinking Red = Rapid Charging (controlled by charger automatically)

When LED is Green and blinks Red in every 1~2 seconds = Charge complete

\* Sometimes when charge is completed, the LED could also turn directly to steady Green Light (no Red blinks).

HG-106Li charger is designed with an auto shut off function when the battery is fully charged. You don't have to worry about over charging.

During the charging process, the battery and charger may feel a little warm. This is normal. Should the battery or charger become very hot to touch, you should switch off the power immediately **Please also note that only Li-Ion batteries can be used with the charger supplied with this kit.**

## Step 2 - Insert fully charged Battery to STM-2 main unit.

Unscrew the battery cap, insert the 18650 battery with positive (+) end (the side with white circle) goes in first. Screw the battery cap back on.



## Step 3 - Fill your atomizer with E-Liquid and screw atomizer to STM-2

The STM-2 is compatible with most atomizers on the market, including EGO and 510 type threaded atomizers. Please follow the instructions for your atomizer before filling with E-Liquid.

When mounting the atomizer on to the STM-2, be sure to align the threads of the atomizer and the STM-2 connector first. The screw-in process should be smooth and easy. If it does not feel smooth to turn, unscrew the atomizer and try aligning it again, or check atomizer's threading to make sure it is not already stripped. **Never force the atomizer on to the STM-2 as it could strip the thread.**

Also, **never over tighten the atomizer as it could damage the rubber insulation for the of connector pin inside and the unit will become defective.** Simply turn it to the point where you start to feel the tension of the threads tightening. There should be no movement from the atomizer but it should unscrew easily.



510 type atomizer installed



EGO type atomizer installed



510 threading

EGO threading

## Step 4 - Menu setting

To enter menu selection, quickly click the button 3 times, we will see:

or

This indicates that you are in the menu selection.

In menu selection, if nothing is pressed within 2 seconds, STM-2 will resume back to "Vape Ready" mode.

To scroll around the menu, you will need to continue clicking the fire button. Each click will bring you to the next selection. There are total 9 selections:

Voltage Up

or

Wattage Up

*(depending if you are in voltage or wattage mode)*

Voltage Down

or

Wattage Down

*(depending if you are in voltage or wattage mode)*

System On/Off

Voltage Check

Display change

LED On/Off

Voltage/Wattage Mode

NER/RMS mode

Puff Record

***Once you click to the desired selection and wait for 2 seconds, the current setting value will appear. You can click one more time to change the setting to next value. If no response after 2 seconds, the system will resume to "Vape Ready" mode automatically.***



## Step 4 - Menu setting (continued)

### To switch between Voltage and Wattage Variable Mode

3 quick clicks to enter menu selection. Keep clicking until you see **7.0P**

Wait for 2 seconds, the LED will display current mode you are in.

If **V<sub>0</sub>**, this means you are in Voltage Mode. Within 2 seconds, click once to change it to Wattage Mode **P<sub>0</sub>**

If **P<sub>0</sub>**, this means you are in Wattage Mode. Within 2 seconds, click once to change it to Voltage Mode **V<sub>0</sub>**

After changing to your desired setting, wait for 2 seconds and the system will resume to "Vape Ready" mode.

### To increase Voltage or Wattage

3 quick clicks to enter menu selection.

If you are in Voltage Mode, you will see **V.VV**. Wait for 2 seconds, the LED will display your current voltage setting, for example **3.0V** means your voltage is set to 3.0 volts. Clicking the button once within 2 seconds will increase it to the next value. Voltage setting can be adjusted from 3.0 volt to 6.0 volt. Each click is 0.1 volt increment.

If you are in Wattage Mode, you will see **P.PV**. Wait for 2 seconds, the LED will display your current wattage setting, for example **3.0P** means your wattage is set to 3.0 watts. Clicking the button once within 2 seconds will increase it to the next value. Wattage setting can be adjusted from 3.0w to 15.0w. Each click is 0.5w increment.

Once set to your desired value, wait 2 seconds and system will resume back to "Vape Ready" mode.

Please note that STM-2 has higher output power than some 18650 type vaping devices. We suggest that you start from the lowest setting (3.0 volt and 3.0 watt) and gradually increase as required to find your preferred settings.

## Step 4 - Menu setting (continued)

### To decrease Voltage or Wattage

3 quick clicks to enter menu selection. One more click to get to the selection **2.0V** or **2.0W**

If you are in Voltage Mode, you will see **2.0V**. Wait for 2 seconds, the LED will display your current voltage setting, for example **3.00V** means your voltage is set to 3.0 volts. Clicking the button once within 2 seconds will decrease it to the next value. Voltage setting can be adjusted from 3.0 volt to 6.0 volt. Each click is 0.1 volt increment.

If you are in Wattage Mode, you will see **2.0W**. Wait for 2 seconds, the LED will display your current wattage setting, for example **3.00W** means your wattage is set to 3.0 watt. Clicking the button once within 2 seconds will decrease it to the next value. Wattage setting can be adjusted from 3.0w to 15.0w. Each click is 0.5w increment.

Once set to your desired value, wait for 2 seconds and the system will resume to "Vape Ready" mode.

### To turn System ON and OFF

3 quick clicks to enter menu selection. Continue clicking until you see **3.50**

Wait for 2 seconds, the LED display will show **5.0N** indicating the System is ON, or **5.0F** for System OFF.

Within 2 seconds, each click on the button will switch between **5.0N** and **5.0F**

After making your selection, wait for 2 seconds to resume to "Vape Ready" Mode

Note : When System is OFF, STM-2 will stop producing any vapor when the button is pressed. You will see **---**

on LED display instead. To turn it back ON, repeat this procedure.




## Step 4 - Menu setting (continued)

### To check battery voltage

3 quick clicks to enter menu selection. Continue clicking until you see 


Wait for 2 seconds, the LED display will show current battery voltage.


For example,  indicates that your battery voltage is currently 3.5 volts.

### To change display

3 quick clicks to enter menu selection. Continue clicking until you see 

Wait for 2 seconds, the LED display will show your current setting of display,

 Displays the current voltage output of your atomizer

 Displays the current voltage of your battery

 Displays the resistance of your atomizer

Within 2 seconds, click on the button to scroll to your desired setting.

Once you have made your selection, wait for 2 seconds and the system will resume to “Vape Ready” mode.

After completing this set up, the current reading for your selection will be displayed when the fire button is pressed.

## Step 4 - Menu setting (continued)

### To turn display ON/OFF

3 quick clicks to enter menu selection. Continue clicking until you see **6.Lo**

Wait for 2 seconds, the LED display will show your current setting

**L.ON** Indicates that your LED display is set to ON,

**L.OFF** Indicates your LED display is set to OFF.

Within 2 seconds, click the button to switch between ON and OFF. Once you have made your selection, wait for 2 seconds and the system will resume to “Vape Ready” mode.

When the LED display is OFF, the LED will not light up when the fire button is pressed.

### To change between NER and RMS mode

3 quick clicks to enter menu selection. Continue clicking until you see **8.NR**

Wait for 2 seconds, the LED display will show your current vaping mode setting

**NER** (NER) is the true output mode. Your STM-2 will output according to the values you have set.

**RMS** (RMS) is a reduced output mode. STM-2 reduces 16%~25% of output from your true output setting. Setting to RMS mode is better for small capacity atomizers like Crystal 2.0. CE4, CE5 or CE6

Within 2 seconds, click on the button to switch between NER and RMS modes. Once you have made your selection, wait for 2 seconds and the system will resume to “Vape Ready” mode.


## Step 4 - Menu setting (continued)

### To show and reset Puff Record

3 quick clicks to enter menu selection. Continue clicking until you see 

Wait for 2 seconds, the LED display will show the current count of puffs you took since your last reset.

Puff record will count up to 999 and then reset back to 1.

To reset your puff record, click on the button within 2 seconds. The display will show 


Wait for 2 seconds and the system will resume to "Vape Ready" mode.


The Puff Record counter will start counting from 1.

### Other display symbols and indications

In certain situations, you may see following symbols on your STM-2.

 Indicates that atomizer output port is short circuit. You will need to replace your atomizer or coil head.

 Indicates that your battery is low. You will need to recharge your battery.

 Indicates that the current input is higher than 9.0 volts. STM-2 is limited to a maximum of 9.0 volts.

## Step 5 - Using STM-2

Once your STM-2 set up is completed, you can start to enjoy vaping.

Press and hold the fire button to start producing vapor. If your LED display is set to ON, you will see the LED display light up with the current reading that you have previously set to display. To stop producing vapor, simply release the button. The LED display light will go out.

The STM-2 is designed with an Overload Protection feature. If you press and hold the button for more than 10 seconds, the device cuts off automatically. This feature protects your atomizer and battery from being damaged.

When the battery level falls below 10%, the STM-2 will display **LoB** to warn you that the battery is low. You will need to recharge the battery immediately. This feature is to protect the life span of your battery.

*It is strongly advised NOT to modify, repair or tamper with your STM-2 or your batteries, as it could result in serious injury. STEAM Electronic Cigarettes do not accept responsibility for any incident if the device has been tampered with.*

## Maintaining your STM-2

It is recommended to clean the atomizer connector ( inside 510 threading hole) regularly to ensure good conductivity between your STM-2 and the atomizer. Using a cotton swab moistened with Isopropyl Alcohol is very effective to clean the small amount of E-Liquid that may have leaked out from the Atomizer's bottom air hole.

To extend the life of your 18650 Li-Ion battery, we recommend charging your battery periodically, even if you plan not to use your STM-2 for an extended period of time.

Occasionally, E-Liquid Glycerin could get underneath the silicon grips of the STM-2, causing the silicon sleeves to become slippery. You can simply remove the silicon sleeves from the battery tube and wash both the sleeves and the metal battery tube with dish soap. This will remove any greasy residuals effectively. Be sure to rinse and dry well before assembling them back together.

## 6 months Limited Warranty

(United States only)

STEAM Electronic Cigarettes ("STEAM Ecig") warrants to the original purchaser that for the warranty period of 6 months on STM-2 mod unit only (excluding bundled accessories, such as 18650 battery cells, chargers, lanyards, stands and etc) will be free from defects in materials and workmanship under normal use.

Subject to the conditions and limitations set forth below, STEAM Ecig will, at its option, either repair or replace any part of its products that prove defective by reason of improper workmanship or materials. Repaired parts or replacement products will be provided by STEAM Ecig on an exchange basis, and will be either new or refurbished to be functionally equivalent to new.

This limited warranty does not cover any damage to the product that results from improper installation, accident, natural disaster, abuse, misuse, insufficient or excessive electrical supply, abnormal environmental conditions, or any unauthorized disassembly, repair, or modification. This limited warranty also does not apply to any product on which the original identification information has been altered, obliterated or removed, has been sold as second-hand or has been resold contrary to the US export regulations.

You must provide proof of purchase and obtain warranty service authorization from STEAM Ecig within the applicable warranty period before returning defective products to STEAM Ecig. Returned products must be shipped prepaid and packaged appropriately, and it is recommended that they be insured or sent by a method that provides tracking of the package. STEAM Ecig is not responsible for any Product that is lost or damaged in transit. Furthermore, STEAM Ecig is not responsible for any incorrect products returned for warranty service, or products without proper service authorization (RMA) from STEAM Electronic Cigarettes. In such event, STEAM Ecig will not be liable for any expense in shipping the product back to you.

This limited warranty covers only repair or replacement for defective products from STEAM Ecig, as provided above. STEAM Ecig does not warrant against loss or damage of any 3rd party products bundled or combine used with STEAM Ecig Products (including 3rd party atomizers, atomizer coils, e-liquid, battery cells, cables, chargers and etc.), and assumes no liability for such loss. This warranty excludes any 3rd party products not offered in original STEAM Ecig package.

Some jurisdictions do not allow limitations on how long an implied warranty lasts or at all, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary by jurisdiction. This limitation does not affect your statutory rights.

All accessories, such as 18650 battery cells, battery chargers, lanyards, suction cup stands, carrying case and etc., provided with the Product is provided "AS IS". You assume the entire risk as to the quality, performance and effect of such accessories, and should it prove defective, you, and not STEAM Ecig, assume the entire cost of all necessary servicing or repair.

TO THE EXTENT NOT PROHIBITED BY LAW, IN NO EVENT WILL STEAM ECIG BE LIABLE FOR ANY DAMAGE, INJURY, LOST OF REVENUE OR PROFIT, OR FOR SPECIAL, INDIRECT, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED REGARDLESS OF THE THEORY OF LIABILITY, ARISING OUT OF OR RELATED TO THE USE OF OR INABILITY TO USE THE PRODUCT, EVEN IF STEAM ECIG HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR INJURY. IN NO EVENT WILL STEAM ECIGS INC'S LIABILITY EXCEED THE AMOUNT PAID BY YOU FOR THE PRODUCT.

The foregoing limitations will apply even if any warranty or remedy provided under this Agreement fails of its essential purpose.