50mm

90mm

SXMINI MQ PLUS



Additional languages at:
www.yihisxmini.com

User Manual

Initial Setup



1 Unscrew the battery door

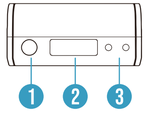


2 Install a battery
Negative facing out



3 Rescrew the battery door

Reference Diagram



1. Fire button
2. Display
3. Button | Up/Down

Instructions

1. **Install** an 18650 / 20700 / 21700 battery
2. **Power on the Device :**
   Press the **Fire Button 5 time**s to turn on the device.
3. **Install the Atomizer**.
4. Press the **Up/ Down** buttons to adjust Power.
5. **Lock / Unlock the Device :**
   Fast press the **Fire Button 3 times** to lock or unlock the device.
6. **Puff Counter/ Reset:**
   Each activation of the fire button lasting 2 seconds or longer is counted as one puff, whether you inhale or not.
   When no atomizer is connected, press and hold the **Fire Button for 5 seconds** to reset the counter to 0000.
7. **Lock /Unlock the Menu:**
   Press and hold the **Up &Down buttons for 2s** to lock or unlock the menu.

Operation & Menu

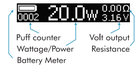
Main Menu
Fast Press **5x Fire button** to enter into the main menu, select "⏻" to turn off the device, the screen will display **"SHUTDOWN"**.

Operation modes:
1. Wattage Mode
2. Voltage Mode
3. Temp Mode
4. "VT COIL" Mode

Choose your preferred mode in the Main Menu:

Vaping Modes

Wattage / Volt Mode



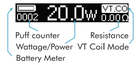
Press "UP" / "DOWN" to adjust power.

Temp Mode



Press "UP" / "DOWN" to adjust temperature limit. Fire to confirm.
Press "UP" / "DOWN" to adjust Wattage.

VT Coil Mode



Press "UP" / "DOWN" to adjust power.

What is VT Coil Mode



State-of-the-art Anti Burn protection mode. The simplicity of wattage mode with added safety in mind For VT Coils only.

Modes info

Watt/Volt: Adjusts power output to control vapor production.
Watt Mode Adjustment:
5W–25W: Adjustable in 0.1W increments.
25W–100W: Adjustable in 1W increments.

Temp: Manually Regulates coil temperature to prevent dry hits supporting SS316, Ni200, and TCR supported wires.
VT Coil : Smart TC mode Automatically monitors coil temperature, supporting only SXMINI's VT coil series, prevents dry hits and overheating.

Modes Settings

	WATTS	TEMP*	VT COIL*
Anti Burn	✗	✓	✓
Smart Curves	✓	✓	✗
DIY Temp.	✗	✓	✗

* **For TC Supported Wires**

Screen Orientation

Screen Orientation Adjustment:

1.Remove the atomizer.

2. Press and hold the fire button until **"CHECK ATOMIZER"** appears.Then press and hold the **"UP"** button to rotate the screen 180°.

Screen Brightness Adjustment:
Brightness can be adjusted in **5 levels** in the main menu.

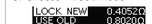
Protection

- Reverse Polarity Protection
- Output Short Protection
- Low Resistance Protection
- Battery Low Voltage Protection
- Battery Overcharge Protection
- Chipset Overheat Protection
- Cut-off Protection

If a single puff lasts longer than 10 seconds, the screen will display **"OVER TIME"** and the device will stop firing.

Temp/VT Coil setup

VT Coil Mode Setup
1. Wake up the device.
2. Install a new VT coil while the device is powered on.
3. Choose VT.Coil Mode



4. Choose 'LOCK NEW' for a fresh new installed VT coil. Or choose 'USE OLD' only if you locked that same coil before.



5. Set preferred power
   Ready to vape.

'VT Coil' mode supports VT Coil series only

Temp Mode Setup
1. Choose TEMP mode.
2. Set temp units: C°/F°
3. Set the current room temperature for accurate temperature control.
4. Select the wire type or set the TCR value.
5. Lock in the resistance.



* **Auto lock - an automatic resistance locking mechanism**:
When the coil cools down to its base resistance, the device will automatically lock the resistance.

Lock new coils only when it is at room temperature.
If the coil has been used recently and is still warm, wait a few minutes for it to cool before locking the resistance.

Smart Boost

Smart Boost
Smart Boost allows you to set a custom pre-heat for the first draw when the coil is cold. Consecutive draws (chain vaping)

In the main menu, Select the **S.BOOST menu** 

, it will show **Power/Duration/Full Boost** Every each submenu.

S. Boost		Select S.BOOST Menu
Power		Set your power percentage. (100% represents your base wattage)
Duration		Set how long the boost should be active.
Full Boost Every		Set the time before full boost is applied again.

Smart Curves

Smart Curves
Smart Curves effects:
- Power in Wattage mode
- Temperature in Temp Mode



Press "UP" / "DOWN" to select a power curve.

Soft-	75%	100%
Neutral-	100%	100%
Hard-	125%	100%
SXi-EQ1	DIY%	DIY%
SXi-EQ2	DIY%	DIY%
SXi-EQ3	DIY%	DIY%

SXi-EQ 1, 2, 3
SXi-EQ 1, 2, and 3 support custom curve editing:



Each bar= 0.5 sec (10 sec total). Computed Wattage/Temp % is based on base wattage.

Fire Button: Jump to next step
Double-tap: Go back a step
"UP" / "DOWN": Adjust Power

Hold the fire button for 3 seconds to exit at any time. After adjusting all 20 bars, press the Up or Down button to exit when "PRESS + OR – TO EXIT" appears.



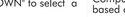
Smart curves are percentage-based, making them compatible with all coil types without extra adjustments.

Notice	Error	Solutions
No Atomizer detected	Either the atomizer is not connected, or the unit has detected a problem	Remove and reinstall the atomizer, or install a new coil.
Low Battery	Battery voltage is too low, (lower than 3.2V)	Recharge device or change battery
Coil ohm too low	The resistance of the atomizer is too low (lower than 0.10ohm)	Replace the coil
Atomizer short	The unit has detected on output short	Replace the coil or contact support
Too hot	The internal board is overheating	Wait for it to cool down or contact support
No liquid	Pure/Temp-Control Dry Hit Protection	Add liquid, or relock the resistance - Make sure to lock ohm at room temp

Update

The device can be upgraded via USB connection to a computer, no extra tools are needed.

1. Enter "UPDATE" Mode



2. Plug type-C USB cable into your computer. For the latest upgrade information, please refer to our website: www.yihisxmini.com. Open "SXi-Tools" and follow the connection instructions on the screen step by step.

Specification

- Chipset: YiHi SX418J
- 18650 / 20700 / 21700 battery (not included)
- Wattage:5-100W
- Output: 1-8V
- Size:81.5*42.4*28.2mm
- Quiescent Current ≤20uA
- Wattage Min Ω: 0.10-3.0Ω
- Temp Min Ω: 0.05-3.0Ω
- Max Charge: 5V/2A
- Materials: Stainless Steel + Aluminum

Package Include:

- 1× MQ PLUS Device
- 1× User Manual
- 1× Type-C USB Cable
- 1× Warranty Card
- 1× Adapter Tube (for 18650)

SAFETY INFORMATION

For adult use only. Not for sale to minors.
Keep out of reach of children and pets.
This product is intended for use with e-liquids containing nicotine.
Nicotine is an addictive chemical.

- Do not expose the device to extreme heat or fire.
- Do not disassemble or modify the device.
- Use only a certified 5V charging adapter.
- Do not use damaged charging cables.
- If e-liquid enters the device, stop using and dry completely before reuse.
- Recommended operating ambient temperature: 0°C–40°C.
- Dispose of the device according to local electronic waste regulations.

WARRANTY

Warranty period: 6 months from the date of purchase.

Opening, disassembling, or modifying the device voids the warranty.

If issues arise, please contact:
www.yihisxmini.com
Cservice@yihisxmini.com

Verify product authenticity via the security code at:
www.yihisxmini.com

SXMINI

21+

For legal-age users only

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Made in China

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