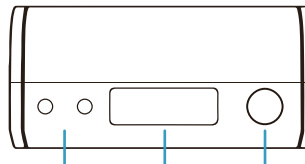50mm

90mm

SXmini **MQ Class**

Additional languages at:
www.yihisxmini.com

User Manual

Initial Setup

1 Unscrew the battery door

2 Install an 18650 battery
Negative facing out

3 Rescrew the battery door

Reference Diagram

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

First Use Short Info

No time to read the manual? Start with this:

1. Install an 18650 battery
2. 5x Fire Button - Turn on device
3. Install an atomizer
4. Press Up/Down - Adjust Power
5. Vape

Keep reading to learn more

General
5x Fire Button - Turn on device
3x Fire Button - Lock/unlock device
Up/Down - Adjust Power/scroll
Hold Up&Down 3 sec. - lock/unlock
Up and Down buttons

Operation & Menu

Main Menu
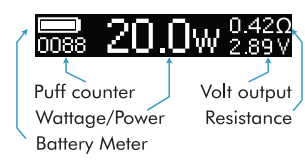5x Fire Button - Enter Main menu

Modes
MQ Class utilizes 4 main vaping modes:

1. Wattage Mode
2. Voltage Mode
3. Temp Mode
4. 'VT COIL' Mode

Choose your preferred mode in the Main Menu:

MODE   EXIT   ⏻

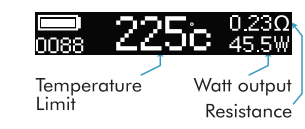**Puff Counter**
Plug a USB-C cable to reset the puff counter.

Vaping Modes

Wattage / Volt Mode

0088   20.0W   0.42Ω
                 2.89V

Puff counter Volt output
Wattage/Power Resistance
Battery Meter

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

Temp Mode
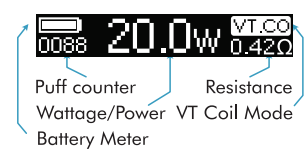
0088   22.5c   0.23Ω
                 45.5W

Temperature Watt output
Limit   Resistance

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

VT Coil Mode

0088   20.0W   VT.CO
                 0.42Ω

Puff counter   Resistance
Wattage/Power VT Coil Mode
Battery Meter

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

What is VT Coil Mode

'PURE' MODE
ANTI DRY

State-of-the-art Anti Dry Hit 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.
Temp: Manually Regulates coil temperature to prevent dry hits, supporting SS316, Ni200, and tcr supported wires.
VT Coil: Automatically monitors coil temperature, supporting only Sxmini's VT Coil series, prevents dry hits and overheating.

Modes Settings

	WATT	TEMP*	VT.coil*
Anti Dry Hit	❌	✅	✅
Smart Curves	✅	✅	❌
DIY Temp.	❌	✅	❌

* For TC Supported Wires

Screen Orientation

Screen Orientation:
To flip the screen orientation follow these steps:

1. Remove the atomizer from the device.
2. Hold the fire button.
3. When "Check atomizer" appears, hold the Up button too until the screen turns off, then release both.
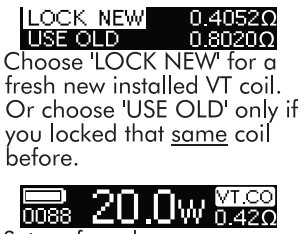
Protection

• Reverse Polarity Protection
• Output Short Protection
• Low Resistance Protection
• Battery Low Voltage Protection
• Battery Overcharge Protection
• Chipset Overheat Protection

Temp/VT Coil setup

VT Coil Mode Setup

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

LOCK NEW   0.4052Ω
USE OLD   0.8020Ω
0088

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

0088   20.0W   VT.CO
                 0.42Ω

5. Set preferred power Ready to vape.

'VT Coil' mode supports VT Coils series only

⚠ Lock new coils only when it is at room temperature. If vaped earlier and it is warm, wait a few minutes before locking it.

Temp Mode Setup

1. Choose TEMP mode
2. Set temp units: C°/ F°
3. Set your current room temp
4. Choose Wire/TCR value
5. Lock in the resistance

LOCK NEW   AUTO LOCK
USE OLD   0.4050Ω

* **Auto lock - an automatic resistance locking mechanism**: Once it senses that the coil has already cooled down to its base resistance, it will automatically register/lock the Resistance Ω.

Smart Curves

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

HARD   130%
        45W

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%

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

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

Exit: Hold Fire button for 3 sec, or press UP/DOWN after reaching the last bar in curve setup.

PRESS + OR - TO EXIT

Notice / Error / Solutions

Notice	Error	Solutions
No Atomizer detected	Either the atomizer is not connected, or the unit has detected a problem	Try to reinstall the atomizer, or change 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)	Change coil
Atomizer short	The unit has detected on output short	Change 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

Specification

• Chipset: YiHi SX416J
• 18650 battery (not included)
• Wattage: 1-60W
• Output: 1-8V
• Size: 76x24x36.75mm
• Quiescent current ≤20μA
• Wattage Min Ω: 0.10 -0.3Ω
• Temp   Min Ω: 0.05 -0.3Ω
• Max charge: 5V/2A

Included In The Box

• 1× SXmini MQ Class Device
• 1× User Manual
• 1× Type-C USB Cable
• 1× Warranty Card

Precautions

Opening the body of the device voids the warranty. Do not leave the device in high temperatures or damp conditions, as this may damage the device.

If e-liquid has leaked into the device's body, please allow it to dry completely. Using the device while damp may damage the electronics.

Check the device's authenticity by entering the security code on our official website.

Take care not to damage the USB while charging.

The device warranty period is: 6 months.

If you experience any problems with your device, please get in touch with our customer service via: www.yihisxmini.com

SXmini®

21+
Adult use only

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Designed by YiHi in China
Made in China

550mm