

SXmini®

SX Auto User manual

www.yihisxmini.com

Thank you for choosing the SX Auto, YiHi's Auto-squonk box mod, which uses the new YiHi ESS technology.

The ESS (Electronic Spray System) is integrated within the chip control, with unique mechanical structure design.

Combined with innovative atomizer heating core technology, and intelligent temperature control technology.

It effectively unifies these parts for maximum performance and provides you the best flavor and experience available to date.

Included in the box:

- * 1× SX Auto device
- * 2× SX-ADA atomizer (For Auto mode)
- * 1× Micro USB cable
- * 1× User manual
- * 1× Warranty card

Specifications:

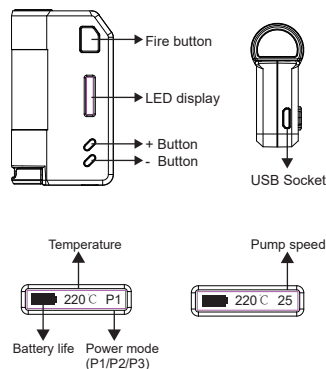
- Chipset : SX685J
- Battery capacity: 1400mAh
- Reservoir capacity: 3.5ML
- Reservoir material: PETG
- Temperature range : F° 356°- 446°
C° 180°- 230°
- Max Charge: 5V/1A
- Quiescent Current <1 uA
- E-liquid pump speed : 15-80(Auto mode)
15-100(DIY mode)
- Device size: 81.8*48*20.3mm

Features:

- 3rd generation temperature control technology
- Automatic dripping atomizer built for auto squonk technology.
- Accurate temperature control- 16 times more accurate than before – Dry-hit protection .
- Unprecedented E-liquid consumption accuracy (E-liquid is automatically pumped into the ADA to keep the coil saturated and will draw back any un-used E-liquid to prevent leakage and waste) .
- E-Liquid is safely kept in a sealed

bottom compartment, eliminating any chance of leakage.
• The Ess driver (Electronic spray system) detects the exact amounts of E-liquid to pump into the atomizer thus ensuring every hit is saturated and tasty.

Reference Diagram



How to operate: First Use Instructions

1. Fill the Eliquid reservoir and install the ADA atomizer.
2. Press the fire button once to begin an automatic Eliquid feeding phase. the screen will state: "No Liquid"
3. Once the pump stopped, the device will enter a short analyzing & Priming state awaiting coil saturation (fire button will be cut off up to 20 sec).

The Device is now ready to vape. Adjust the pump speed, Power and temp. to your preference.

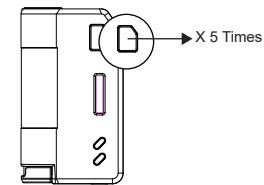
A fresh ADA atomizer installation on a new device might require a 2nd automatic Eliquid feeding phase.

E-Liquid filling method

1. Pull Down the Liquid Reservoir to disassemble .
2. Fill E-Liquid through the bigger hole (You don't need to remove the cover).
3. Reinsert the reservoir.

System and Configurations

To turn on the device press the fire button 5 consecutive times.



Lock & Unlock

lock the device: Press the fire button three times, a lock symbol will appear on the screen.

unlock the device: Press the fire button three times.

Main Screen operation guide (When the main screen is on and unlocked):

1. Press on the fire button to vape.
2. Press the up/down buttons to adjust pumping speed.

3. Long press the up button - manually pumps up liquid.
4. Long press the down button - manually returns excess liquid.

Configuration Menu:

Press the fire button 5 times to enter the configuration menu.

Auto Mode Menu Options:

P1	216°C	EXIT	»
C	SHUTDOWN	UPDATE	

Operation:

Press the fire button to navigate the menu. Press +/- to adjust the settings.

P1 - choose between 3 power modes

• Power mode range table:

Ni wire 0.2ohm ADA:	P1= 15-20W P2= 25-30W P3= 30-35W
SS316L wire 0.8ohm ADA:	P1= 10.5-12W P2= 12.5-13.5W P3= 14-16W

216°C : Temperature protection set. Adjust to a warmer/colder vape.

EXIT : Back to the main interface.

» : More options...

C : Change temperature unit C/F

SHUTDOWN – Shut down device

UPDATE – Upgrade the firmware

Back to Main screen: Press on EXIT or wait 5 seconds.

TIP

• We suggest using 20-35 pump speed for 0.2ohm Ni coil and 15-25 pump speed for 0.8ohm SS316 coil.

SX Auto supports 2 vaping modes:

Auto mode - for beginners and everyday vaping. Just install the SX ADA atomizer and it's ready to vape.

DIY mode - to be used with SX rebuildable atomizers. (DIY mode is not compatible with the ADA coils)

DIY mode is a manual vaping mode. Make sure to lock the resistance while in room temp. before use!

To enter DIY mode

Press and hold both the + and – buttons simultaneously for 3 seconds.

DIY MODE notice will appear on the screen following the firmware version number (left) and the resistance of the coil (right)

To lock the resistance

Press and hold both the "+" and "-" buttons simultaneously for 3 seconds once again.

To go back into AUTO MODE:

Enter Menu --> DIY MODE press +/- button to change into Auto Mode and exit the menu.

DIY Mode Menu options:

25J	216°C	EXIT	»
TCR=...	C	0.135R	
DIY MODE	SHUTDOWN	UPDATE	

25J Adjust Joules (wattage)

216°C Temperature protection set. Adjust to a warmer/colder vape.

EXIT Back to the main interface.

» More options...

C Change the temperature unit

TCR Press the +/- to switch between SS316, Ni200 or set a TCR value.

0.135R Registered resistance - Hold "+" button to lock resistance

DIY MODE Switch to Auto Mode

SHUTDOWN Shut down the device

UPDATE Upgrade the software

• Joules range:10-40J
(Max Joule is restricted for resistance higher than 0.3Ω).

Upgrade Instructions:

Scan the QR Code For an Upgrade Guide on YouTube



1. SX Auto device - Enter the menu -> Update (Press "+" button to initiate)
2. Connect the device to the computer via USB cable.
3. Open the SXi software on PC, select software upgrade and choose the necessary firmware file. (www.yihisxmini.com -> Support -> Download Center)
4. Click on the "Upgrade" button in SXi PC Software
5. Once the upgrade process is done, unplug the USB cable.
The device is now ready for use.

NOTES:

Press and hold any button for 3 sec. to exit Upgrade Mode.

The device will automatically exit Upgrade mode after 1 minute idle.

Remarks:

1. Do not unplug the USB cable during the upgrade process.
2. In case of a malfunction. Long pressing any button will return to the main interface.
3. If the computer doesn't recognize the device while upgrading, try a different USB cable.
4. Please use the Mac version of SXi software in order to upgrade on a mac computer.

Warning Messages

Notice	Error	Solutions
No Atomizer	Either the atomizer is not connected, or the unit has detected a problem	○ Try to reinsert coil ○ change a new coil
No Liquid	Anti-dry burn warning	○ Refill Tank ○ Adjust pump speed
Low Battery!	Battery voltage is too low. (lower than 3.2V)	○ Recharge device
Low Resistance	The resistance of the atomizer is too low (lower than 0.1ohm)	○ Change coil
Short !	The unit has detected an output short	○ Contact Support

Precautions

Opening the body of the device voids warranty.

Do not leave the device in high temperatures or damp conditions, as this may damage the device.

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

Check the authenticity of the device 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 contact our customer service via email:

Cservice@yihisxmini.com

Or:

www.yihisxmini.com/contact.html

18+

Adult use only



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Designed by SXmini in China
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风琴折
50*90mm
80g铜版纸 单黑印刷