SXmini®

X Class

User Manual

Thank you for choosing the SXmini X Class，YiHi's first Auto-squonk box mod，which uses the new YiHi ESS technology. ESS (Electronic Spray System) is integrated with chip control technology, special mechanical structure design, special atomizer heating core technology, and software intelligent control technology. It effectively unifies these 4 parts for maximum performance and to give the user the best flavor and experience.
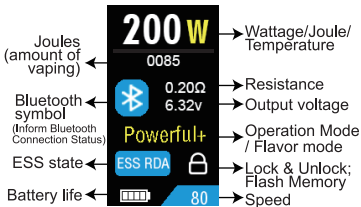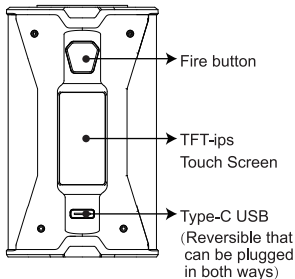
Standard Configuration
 * 1× SXmini X Class device
 * 1× USB cable
 * 2× Extra E-Liquid bottle plug
 * 1× User manual
 * 1× Warranty card

Specifications & Features:
- Powered by the YiHi SX650J processor.
- New innovative technology ESS driver – It matches with different E-liquid volume and outputs power according to different kinds of E-liquid to eliminate the chance of a dry hit and leakages. It ensures the taste and solves the problem of burning and oil leakage.
- Support all Atomizers-ESS RDA, ESS SX pure, Squonker RDA, and normal atomizer.
- It is a dual 18650 battery device, with maximum output that can reach to 200 watts.
- TFT ips Touch Screen.
- Bluetooth APP control which is compatible with iOS, adjust all settings on the phone.
- Size: L 95.5mm x W 57mm x H 40mm
- Variable Joule supporting all TC wire, SS/Ti/Ni
- Removable battery.
- Temperature control with Anti-dry burning technology.
- Output Joules: 10J-120J. 212-572°F/100-300°C.
- Resistance: 0.05-3.0 ohms (Joule mode).
- Output Voltage: 1.0-8.0 Volts (Joule mode).
- Resistance: 0.05-3.0 ohm (Power mode).
- Output Voltage: 0.7-8.0 Volts(Power mode).
- Taste modes: Powerful+, Powerful, Standard, Soft, Eco and SXi-Q-S1~S5.
- DC-DC Converter.
- Type C USB onboard balance charge 5V/2A.
- Zinc Alloy, Stainless Steel, carbon fiber.
- Upgradable firmware. Graphic user interface.
- Reverse Polarity, output short, low resistance, low battery voltage, overheat & battery over charge protection.

Reference Diagram

- Fire button
- TFT-ips Touch Screen
- Type-C USB (Reversible that can be plugged in both ways)

- Joules (amount of vaping)
- Bluetooth symbol (Inform Bluetooth Connection Status)
- ESS state
- Battery life
- Wattage/Joule/Temperature
- Resistance
- Output voltage
- Operation Mode / Flavor mode
- Lock & Unlock; Flash Memory
- Speed

How to operate:
- **To turn the device On**: Press the fire button 5 times quickly within 2 seconds.
- **To turn the device Off:** Click 5 times on the fire button to enter Menu, then choose "System". Touch it and then "System Off."

Lock & Unlock:
- **Full Lock**: After locking, users cannot vape or adjust the device.
- **To lock the device**: Press the fire button three times to lock. The screen will hide the menu.
- **To unlock the device**: Press the fire button three times.
- **Lock the Preset**: When locked, the user can still adjust the method of filling e-liquid: manual or auto; flash memory; the wattage/joules/temperature; the selection of atomizer, the operation mode (advanced & novice) and also reset the resistance.
- **To lock the preset**: Swipe up on the screen. The flash memory preset indicator will change to a padlock symbol.

- **To unlock the preset**: Swipe up on the screen to unlock. Flash memory preset indicator will display.

Shortcut operation in the main interface:

Swipe down on the screen to toggle display between manual filling, auto filling, the flash memory, and the wattage/joules/temperature selection (touch the numbers to toggle wattage, joules and temperature), the operation mode selection, the selection of atomizer and reset the resistance. Press the fire button at any time to return to the main screen.

- **Manual Filling**: Touch up to fill the e-liquid or Touch down to draw back the e-liquid manually.
- **Auto Filling**: Touch up to fill and touch down to draw the e-liquid automatically. It will operate for a maximum of 1 minute. If you want to stop, touch either button.
  Tips: 1. Touch the time (one minute) and it will turn red. When it is red, touch up or down to adjust the time, in seconds. Press the number again to confirm the time that you selected.
  2. This step is very important before using a new coil. It is suggested to prime the coils for at least 3 minutes.
- **Flash Memory**: Touch the up or down to select the flash memory from M1 to M5.
  Wattage/joules/temperature: Touch up or down to adjust the parameter for them. When it is wattage, touch the number to switch from wattage to Joules and temperature.
- **Atomizer Selection**: Touch up or down to select from Squonker RDA, ESS Sxpure, ESS RDA or to turn off the ESS. If it is ESS off, the normal atomizer can be used, and the auto filling drawing function stopped at the same time.
- **Operation mode selection**: Touch up or down to select Advanced mode or Novice mode.
- **Reset the resistance**: Touch the up button for 3 seconds and it will show up and down button and the resistance can be adjusted.

Main Screen operation:

Swipe up on the main screen to ensure that the device is unlocked.

1. Touch the wattage/Joules/Temperature to adjust these parameters.

2. Touch the flavor mode to switch between standard, power, powerful, powerful+, eco, soft, S1~S5. When the operation mode is Novice, after returning to the main interface, only the wattage can be adjusted.

3. Touch the speed number to adjust the speed for filling e-liquid. Max speed is 100. We recommend adjusting the speed higher if the wattage is higher. If the speed has been changed, it cannot be automatically restored to the factory setting.

Menu operation

Press the fire button five times to enter the menu.

Swipe up or down to select the menu items.

Touch an item to go to the sub-menu. Return to the main menu by touching the "Back" button (left arrow). see list below.

Press the fire button or swipe left to return to the main interface.

Swipe up or down to access additional menu items when there are too many to fit onscreen at once.

Menu Items

MENU ITEM	OPTIONS	TO RETURN
System	On/Off	Tap ←
Operation	Novie/Advanced	Tap ←
Adjust	Up/Down	Tap top ⊘
Units	F/C	Tap ←
Coil	Ni200/Ti01/SS316L/Manual TCR	Tap ←
TCR	Up/Down	Tap top ⊘
Compensate	Up/Down	Tap top ⊘
Standby	Up/Down	Tap top ⊘
Bluetooth	On/Off/Pairing	Tap ←
Wallpaper	Swipe up or down to select	Tap top ⊘
Brightness	Up/Down	Tap top ⊘
Language	English/Chinese/French/German/Indonesian/Korean/Turkish/Spanish/Italian/Arabic	Tap ←
Device info&help	cservice@yihixsmini.com www.yihixsmini.com Facebook: @yihixsmini	Tap ←
Return	Returns to main screen	N/A

E-Liquid filling method
1. Take the reservoir out by pressing down.
2. Remove the silicone plug.
3. Fill through the hole in the middle.
4. Replace the silicone plug in.
5. Reinsert the reservoir.

Charging

USB Balance charge on board (5V/ 2A). Check the battery voltage when charging.

Bluetooth Pairing

When Bluetooth is on, and the SXmini X Class is paired with a phone, all the settings can be adjusted using the app. Turn off the Bluetooth to disconnect.

BT On
BT Off
BT Pairing
Bluetooth On
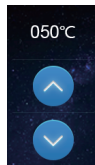
To connect, choose restoration and press the fire button, the Bluetooth signal will flash, then the device will start pairing with the phone. Device & Phone connected symbol:

BT On
BT Off
BT Pairing

200 W
0085
0.20Ω
6.32v
Powerful+
ESS RDA
80

Temperature Compensation

050℃

By adjusting the temperature compensation, the taste will be purer, and the effect of Temperature Control will be more accurate. This function only applies to an environment which is too hot or too cold.

Warning Messages

Check Atomizer	Either the atomizer is not connected, or the unit has detected a problem.
No Liquid	Anti-dry burning warning. Refill reservoir.
Too Hot!	The chipset is too hot.
Check Battery	The battery used is low battery capacity or cannot support the power. It need to be charging or reducing the power or changing the battery which discharge current is≥35A.

High Battery!	The voltage of battery is too high.
Low Battery!	Battery voltage is too low.
Low Resistance	The resistance of atomizer is too low.
Short!	The unit has detected an output short.
Reset Resistance	Resistance needs to be reset (see menu instructions).

Precautions:

Protect the display. The display is a touch screen and will not work properly if damaged or scratched.

Opening the body of device voids the warranty.

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

Ensure the batteries are undamaged before using.

We suggest using the same brand and model battery for both cells.

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.

The USB port is used for upgrading. If you use it for charging, take care not to damage it.

The warranty period of the device is 6 months and the USB port is three months from the date of purchase by the end user.

This device has future upgrade capability. The contents of this manual may have future updates. For the latest information, please refer to our website.

If you experience any problems while upgrading your device, please contact our customer service via email: Cservice@yihisxmini.com.

18+

Adult use only

18+ RoHS CE ✓ RoHS FC ♲