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Elite Mini Kit Manual

Thank you for choosing IJOY! Please read this manual carefully to ensure proper use. For additional information regarding this product or its use, please consult your local IJOY retailer or visit our website www.ijoycig.com

Product Introduction:

The Elite Mini Kit is the evolution of IJOY RDTA Box mini platform, being capable of firing up to 60W with a built-in 2200mAh Li-Po battery while retaining the versatile foundational form factor. It is sleek and portable. It is a new compact all-in-one kit that integrates three different vape styles into one chassis. Included with

each kit is a IJOY RDTA Box mini mod, a IJOY Captain Elite SUBOHM&RTA Tank and a IJOY J&P Pod Adapter which extends ultimate flexibility in one device.

The Elite Mini Kit aims at providing ease of use, a rich flavor ecosystem and ultimate flexibility. It is a wonderful kit for entry level to enthusiast level vapers.

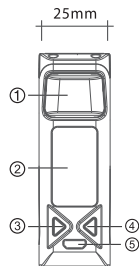
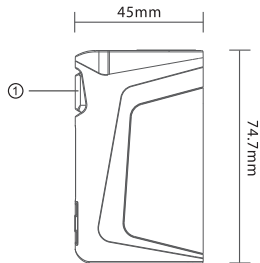
Parameter

1* IJOY BOX MINI(2200MAH)

1* USB Cable

1* Manual

1* Warranty Card



- ① Fire Button
- ② OLED screen
- ③ - left button
- ④ + right button
- ⑤ Micro USB port

Specifications

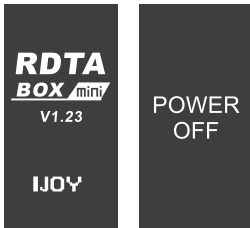
- Screen size: 0.96"OLED.
- Size: 45*25*74.7mm /1.77*0.98*2.94 inches.
- Output Wattage: 5watts-60watts.
- Output Voltage: 1Volts-8.0Volts.
- Output Current: 1.0A-30A.
- Temperature Range: 300-600°F/ 150-315°C
- Wattage control mode wire Resistance Range: 0.05ohm-3.0ohm
- Power efficiency: 95%.

- Fire method: Stainless steel metal stretch button.
- Adjust power method: up and down button.
- Upgradable firmware: YES.
- Output mode: VW/TI/NI/SS and special USER Mode
- Built-in Li-Po 2200 mAh battery
- Tank removable
- Big size filling hole

Operation Instruction:

1. Power On/off

- Press the fire button 5 times in quick succession to turn the device on and off. After switch on, OLED display BOX mini logo and software version number at standby mode.



(Note:

Please adjust the wattage to a proper range to match the atomizer you used before using.

2. Vaping

While the device is power on, just keep pressing the fire button to vape
(Firing timeout: 10 Seconds)

While the device is power on, the OLED screen default display VW Mode.

3. General Functions

Enter Into The Main Menu

Press the fire button 3 times to enter into the main menu. Press the right and left regulatory buttons to switch among different functions. Press the fire button to confirm.



Variable Wattage mode



NI | TI | SS | M1 | M2 | Exit



Set the Pod Mode



Intensity setting in power mode



TCR M1 | TCR M2 setting



LED light and Puff set

4. Power Mode

In the main menu, switch to "P" setting, press fire button to confirm. Press right and left buttons to adjust the wattage.

Intensity Setting In Power Mode

In the main menu, switch to intensity setting, press fire button to confirm. Press right and left buttons to switch among below 4 modes. In user mode, press fire button to switch among each setting columns. Press right and left

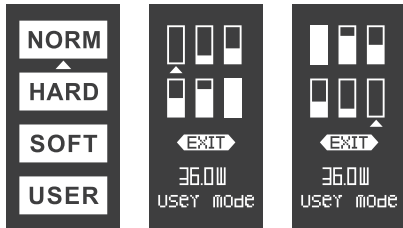
buttons to adjust the wattage. After setup is completed, press fire button to switch to "EXIT". Press right or left button to confirm.

Norm Mode: Maintains the currently set power.

Hard Mode: 30% higher than the currently set power.

Soft Mode: 20% lower than the currently set power.

User Mode: Customize the power output for the first three seconds of each puff, with each setting column representing half a second.

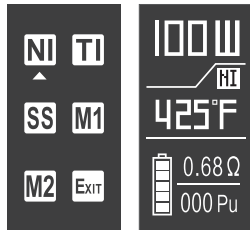


5. Temp Mode

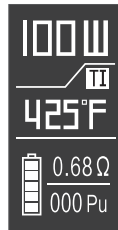
Ni/Ti /SS/TCR M1/TCR M2

In the main menu, switch to "T" setting, press fire button to confirm. Press right and left buttons to switch among Ni/Ti/SS/M1/M2 modes. Press fire button to confirm. Press right button, when "W" flashing, press right and left buttons to adjust wattage. Press left button, when "°F" or "°C" flashing, press right and left buttons to adjust temperature value.

The temperature unit will cycle between °F and °C when the minimum or maximum temperature is reached.



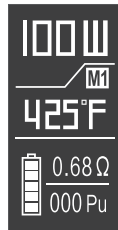
NI



TI



SS



M1



M2

In the temperature control mode to replace the heating wire, when the new heating wire resistance and the previous heating wire resistance difference greater than or equal to 0.2ohm, the screen appears the following tips. Press + to choose and confirm new coil. Press - to choose and confirm same coil.

+
New coil:
0.15Ω

-
Same coil:
0.36Ω

6. TCR Mode (M1, M2)

With the TCR (Temperature Coefficient of Resistance) function available now, you can customize your temperature control coils(Ni, Ti, SS) on your own. In the main menu, switch to "T" setting, press fire button to confirm. Switch to M1/M2 modes. Press fire button to confirm.

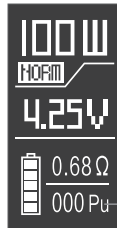
How to set the TCR?

In the main menu, switch to "TCR" mode indication, press fire button to confirm. Press fire button to choose between TCR M1, TCR M2. Press right/left buttons to select certain parameter. After setup is completed, press fire button to switch to "EXIT". Press right or left button to confirm.



7. Puff counter

In any mode, the screen shows the number of puffs. If a puff more than 0.8s, it will be recorded as one puff. The device can remember the value even if you remove the battery. the default number is "000". When the number reaches "999", it will be cleared automatically.



Puff counter

How to clear the puff value manually?

Press the fire button 3 times in 2s to enter the menu, choose **SET**  icon to enter the "PUFF rest" setting, press fire button to confirm your choice.



8. Set the POD Mode:

Press the fire button 3 times in 2s to enter the menu, Select **Pod**  icon to POD Mode. Please adjust wattage in the range of 5-12W in this mode.



9. Set the standby mode

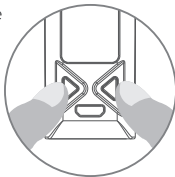
Press the fire button 3 times in 2s to enter the menu, choose **SET**  icon, use + and - button to choose "Screen Time" area, there are 4 preset choices, press fire button to confirm your choice, the screen will enter standby mode at the selected time.



10. How to calibrate the resistance?

When the device connected with a new atomizer, press + and - button at the same time to calibrate the initial resistance of the new atomizer.

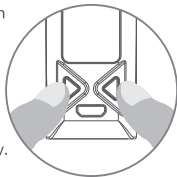
We recommend to calibrate resistance in temperature control mode, you can make the temperature control more accurate, please note that this operation requires heating wire cooling to room temperature.



11. Upgrade operation

Connect the device to a computer via a USB cable, press + and - button together and press fire button at the same time to enter the upgrade process.

Then release the + and - button first, release the fire button later, Upload the latest firmware, until the upgrade operation is completed, press the + and - button to reset, the device can work properly.



12. How to charge by USB?

When the voltage is lower than 3.3V, the display will show "Low Battery", then you need to charge the device, please connect the device through the USB cable to the computer or power adapter.

- 1, in the charging process, the red light is bright, full power will go out
 - 2, in the charging process, the battery voltage is lower than 3.2V, the device is turned off.
 - 3, can not vape during charging
- (If the device not be used for a long time, please charge every 30 to 60 days to make sure battery life.)



13. Malfunction Indication and Protection

PCB temperature overheat protection:

When the temperature of device is too high,
the output will shut off automatically and the
screen will display "PCB TOO HOT"



Low power alert:

When battery voltage is below 3.2V , the
device shows " LOW BATTERY "



PCB Atomizer short-circuit protection:
When atomizer short-circuit occurs,
the OLED screen will display "SHORTED"



No Atomizer:
when no atomizer connect, the
device will display "No atomizer"



Low resistance protection:
When the resistance is lower than
0.06ohm, the OLED screen
will display "OHMS TOO LOW".



When the resistance is higher than
3ohm, the OLED screen will
display "OHMS TOO HIGH".

DO NOT USE BATTERY WITH BROKEN WRAPS



Qualified Battery

No insulation Skin



No Insulation Skin of the Negative Pole



No Insulation Skin of the Positive Pole



Damaged Insulation Skin of the Positive Pole



Warnings

1. Please read the manual carefully before use
2. Please do not keep the ejuice inside the atomizer if the device is not going to be used for a long period
3. Please take out of the battery from device when it's not used for a long time
4. Please keep the device away from children, pregnant women, and minors (under 18 years of age)



感谢您选择 IJOY！请在使用前仔细阅读说明书以确保正确操作。

关于产品信息或使用有任何疑问，请咨询当地的 IJOY 经销商，或者访问我们的官网 www.ijoycig.com

产品介绍：

Elite Mini KIT是由 BOX MINI 与 ELITE SUBOHM&RTA 组成的 60W 套装。有成品芯与RTA两种选择，口感好，烟雾大，搭配J&P ADAPTER 也可变成使用POD。2200MAH容量，迷你酷炫的外观，是一款非常好的基础套装！

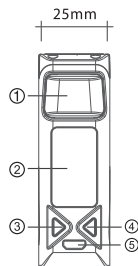
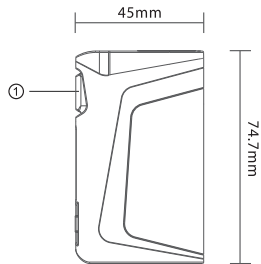
标准配置：

1* BOX MINI 主机

1* 说明书

1* USB充电线

1* 保修卡



- ① 点火键
- ② OLED显示屏
- ③ “-” 键
- ④ “+” 键
- ⑤ USB 接口

产品规格:

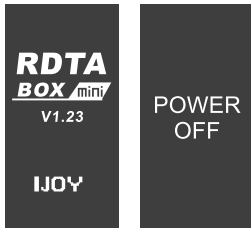
- 屏幕尺寸: 0.96"OLED.
- 主机尺寸: 45*25*74.7mm / 1.77*0.98*2.94 inches.
- 输出功率: 5watts-60watts.
- 输出电压: 1.0Volts-8.0Volts.
- 输出电流: 1.0A-30A.
- 温控范围: 300-600°F/ 150-315°C

- 功率模式支持雾化器阻值范围: 0.05ohm-3.0ohm
- 能量转换率: 95%.
- 点火方式: 按压不锈钢材质大按键
- 调节功率模式: 调节 +/- 键
- 固件升级: 支持.
- 输出模式: 功率/钛/镍/不锈钢/特殊的用户自定义模式
- 电池类型: 内置 2200mAh 锂电池

操作介绍：

1. 开机/关机

- 快速按 5 下点火键即可开机 / 关机。开机后，OLED 显示屏会在待机模式显示 BOX MINI 以及软件版本号。



（备注：

请把功率调到与使用雾化器匹配的功率范围后再点火使用。）

2. 抽烟

在 BOX mini 开机的状态下，长按点火键即可开始抽（每一口最长可抽 10S，超过 10S 会自动切断输出）

开机后，OLED显示屏会默认进入功率模式。

3.常规功能

进入主菜单

开机状态下，快速按 3 下点火键即可进入主菜单，通过按左右管理键（即“+”“-”键）在不同功能之间切换，选定后按点火键确认，即可进入该模式。



功率模式



NI | TI | SS | M1 | M2 | Exit



POD模式，在 POD 模式下输出功率在 5-12W



功率模式强度设置



TCR M1 | TCR M2 设置



Set 设置 (设置 LED 灯，记录口数，黑屏时间)

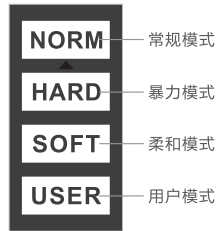
4.功率模式

2S 内快速按 3 下点火键，进入主菜单，通过左右功能键切换至 “**P**”，按点火键确认后即可进入功率模式，功率模式下可通过调节 “+” “-” 键来调节功率大小。

功率模式强度设置

在主菜单中，切换至 ，按点火键确认后即可进入该模式。通过按左右 “+” “-” 键可以在 4 个模式之间切换，选定后按点火键确认。

- 常规模式：进入设置模式前设定的功率值
- 暴力模式：能量输出强度在原设定的功率输出强度上增加 30%
- 柔和模式：能量输出强度在原设定的功率输出强度上减弱 20%



用户模式：为满足不同用户的抽吸习惯，用户模式允许使用者自定义前 3 秒的工作波段，比如，喜欢初始口感柔和，慢慢进入平稳输出的用户，可以参照图 1 设定；喜欢初始口感暴力，再缓慢进入平稳的客户，可以参照图 2 设定。



图 1



图 2

如何设置用户模式

用户模式一共有 6 条能量柱，每条能量柱代表 0.5S 的工作时间，每条能量柱上的一个能量块代表 10% 的功率值，当能量块在能量柱的中间位置，表示此时的功率输出为设定的初始值，通过+/-键增加/减少一个能量块，代表该工作时段功率输出增加/减少 10%，设定完毕按点火键确认即可移动到下一个能量柱，依次类推，设定完毕跳到（箭头指示图），任意按+/-键，即可回到主界面。

5.温控模式：

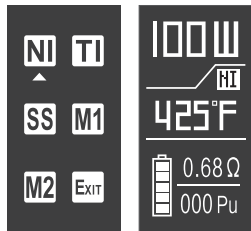
Ni / Ti / SS / TCR M1 / TCR M2

在主菜单切换至 “”，按点火键确认后即可进入温控模式。按左右“+”“-”键在 Ni/Ti/SS/TCR M1/TCR M2 模式之间切换，选定后按点火键确认即可进入对应模式。

进入温控模式后，按 + 键，功率符号 W 开始跳动，此时可以通过按住 +/- 键来增加/降低功率数值，调好后按点火键确认。

进入温控模式后，按 - 键，温控符号 F/C 开始跳动，此时可以通过按住 +/- 键增加/降低温度数值，调好后按点火键确认。

°F 和 °C 之间的循环切换：当温度到达°F 的最大值（600°F）的时候，持续按键会自动进入°C 的最小值（150°C）进行切换。



NI



TI

SS

M1

M2

在温控模式下更换发热丝时，
(新换的发热丝与之前的发热丝阻值相差
大于或等于 0.2ohm，屏幕出现以下提示)

“+” 号代表换新发热丝阻值

“-” 号代表之前发热丝阻值

按 + 选择并确认新线圈。

按 - 选择并确认之前线圈。

+

New coil:

0.15Ω

-

Same coil:

0.36Ω

6.TCR 模式 (M1,M2)

在 TCR 模式 (不同阻值的温度系数)，允许用户设置自己的温控芯
(NI,TI,SS)。

在主菜单中切换模式至 “**T**”，按点火键确认进入温控模式，选择 M1 或者 M2，选定后按点火键即可进入该模式。

如何设置 TCR?

进入“TCR”模式后，按点火键选择 TCR M1 或 TCR M2，通过按左右“+”“-”键来调节参数值，设定完毕后按点火键切换至“EXIT”，随意按下左键或者右键即可确认。

▶ TCRM1:
0.00091

TCRM2:
0.00103

EXIT

7.记录口数

无论在任何模式下，显示屏都会显示抽烟口数。若每一口的抽烟时长超过0.8秒，就会被记录为1口。主机自带记忆功能，即便是取出电池后数据也不会清零。初始数据是“000”，当口数累计达到“999”后，系统会自动清零。



记录口数

如何手动清除抽烟记录？

2s 内快速按 3 下点火键进入菜单栏，选择

SET  “Set” 标志后进入选定 “Puff rest” 选项，按点火键确认即可清零记录。



8. 设置POD模式

2s 内快速按 3 下点火键进入菜单栏，选择

Pod “Pod” 标志后进入 Pod 工作模式，在 POD 模式下输出功率在 5-12W 范围内可调。



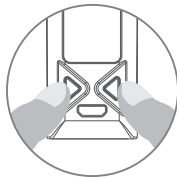
9. 设置黑屏时间

2S 内快速按 3 下点火键进入菜单栏，
选 " **SET** ⚙️ " 标志后进入子菜单，通
过 "+" 键和 "-" 键选择 "Screen Time"
中的数值，选好后按点火键确认，屏幕即
可在选定时间内黑屏。



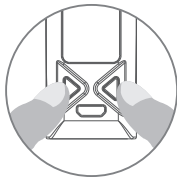
10. 设置复位功能

当连接一个新雾化器，同时按住 "+" 和 "-" 键
可以精准校正新雾化器的初始阻值（一般在温
控模式下校准电阻，可以在复位的同时使温控
效果更精准，但注意在此操作前要保证雾化器
的发热丝冷却至常温状态！！！）



11. USB升级功能

连接电脑 USB 后，先按住“+”“-”两个按键的同时，再按下点火键，然后先松开“+”“-”两个按键，再松开点火键进入 USB 升级模式，打开 PC 端升级软件上传最新的系统软件，待升级操作完成后，同时按下“+”“-”键复位，然后再松开本机才能正常工作，至此整个升级完成。



12. 如何充电

当电压低于 3.3V 时，显示屏会显示 Low Battery, 此时需要为主机充电，连接电脑 USB 或者手机插头连接电源充电。

1. 在充电状态下红色充电指示灯长亮，充满电指示灯灭。
2. 充电状态下电池电压低于 3.2V，无法开机。
3. 充电状态不支持抽烟。

备注：如长期不使用机器，请每隔30-60天充一次电。



13.故障指示及产品保护

PCB 板温度过热保护：

当主机工作温度过高，为保护主机，系统会自动切断功率输出，显示屏会提示：“PCB TOO HOT”



低电提醒：

当电池电压低于 3.2V 时，显示屏会提示“LOW BATTERY”，此时要取出电池充电



雾化器短路保护：

当雾化器发生短路时，OLED 显示屏会提示“SHORTED”



无雾化器检测：

当用户在没有连接雾化器的情况下使用该机，主机显示屏会提示“NO ATOMIZER”



低阻保护:

当使用雾化器阻值低于 0.06ohm, 系统会自动切断输出, OLED 显示屏提醒 “OHMS TOO LOW”



高阻提醒:

当使用雾化器阻值高于 3ohm, 系统会自动切断输出, OLED 显示屏提醒 “OHMS TOO HIGH”

不要使用破皮电池（以下四种情况建议不要使用）



合格电池

没有绝缘皮



负极没有绝缘皮

正极没有绝缘皮



正极绝缘皮破损

提醒

- 1.使用前请仔细阅读用户手册。
- 2.如果长期不用该设备，请取掉雾化器，以免烟油渗漏到主机内部。
- 3.如果长期不用该设备，请取出电池，并放置在干燥、阴凉处储存。
- 4.请把该设备放在儿童触碰不到的地方，孕妇及未成年人（低于18岁）禁止使用。

