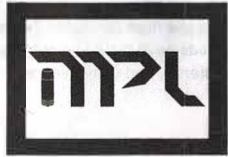




INSTRUCTIONS



Thank you for purchasing the StemPod Si by ModPod Labs LLC. StemPod Si is a product that bridges the gap between dry herb vaporizers and E-cigarette hardware. We recommend you read over the definitions of common terms for both the E-cigarette space and the dry herb vaporizer space at the end of these instructions.

FEATURES:

- On-Demand heating
- Adjustable airflow
- Easy to clean design
- Compatible with a wide range of 18mm stems
- Fully rebuildable

Connecting StemPod Si to a Mod

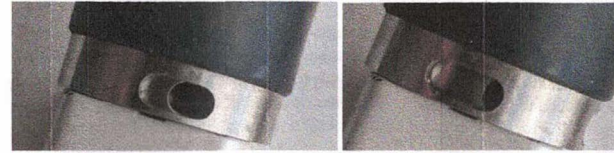
To connect the StemPod Si to a Mod, line up the threads at the bottom of the StemPod Si with the female threads of the box mod. Turn clockwise until firm.

Look at the screen of your box mod to ensure that it reads the StemPod Si's resistance. The preinstalled Kanthal coils should read a resistance of .18-.22 Ohms.

Be sure that the StemPod Si is at room temperature when installing on to the box mod or the base resistance reading may be off. In this case, unscrew the StemPod Si from the mod until it reaches room temperature. Click the fire button on the mod and be sure it says a message such as "no atomizer found" or "no coil" to ensure the mod has cleared out the previous resistance reading. Then reinstall the StemPod Si and observe the resistance. If resistance is still off, take the body off of the deck and inspect the coils for breaks or damage. Reach out to us if you continue to encounter these problems for free replacements.

Adjusting airflow

After the StemPod Si is installed on the box mod, rotate the body of the StemPod Si clockwise to adjust the airflow. The less of the airflow vent visible, the more restricted the draw will become and vice versa. A more restricted draw results in denser and slightly hotter vapor whereas wide open airflow will have cooler but more airy vapor. You can adjust the airflow between draws to your preference.



Left: 3/4th open airflow
Right: 1/4th open airflow

Using the StemPod

When using the StemPod Si in **wattage mode**, start at a low wattage such as 30 watts (on the included Kanthal coils) and go up 2-3 watts at a time until you feel the ramp up speed of the heater is optimal. Vapor is produced by balancing the heater's ramp up speed (determined by wattage) with the users inhale speed. This technique takes a bit of practice to master, but can produce powerful results. After 5-7 seconds, a steady stream of vapor will begin to become more and more thick, at which time the user can either speed up their draw to decrease the ramp up in vapor and avoid combustion, maintain their inhale speed, or slow their inhale speed to allow vapor to ramp up faster. Experiment with different wattages, airflow configurations, and inhale speeds to achieve best results.

Cleaning/Disassembly

To disassemble the StemPod Si, first take the body off of the build deck (this is easier to do when screwed into the mod). Next, remove the heat sleeve by gripping the tapered silicone and pulling upward while twisting back and forth. Press through the bottom of the flat screen to dislodge it for cleaning. Repeat these steps in reverse to reassemble.

Changing coils

To **remove coils**, take the included allen wrench and insert it into the hex screws to the sides of the posts on the deck. rotate counter clockwise to release tension on the coil leads then pull the coils out of the post holes.

To **install new coils**, first make sure the hex screws in the posts have been unscrewed sufficiently to allow space for the coil leads to be inserted. Insert the leads of the coil into the top left and bottom right post holes with the coil suspended directly on top of the two airflow vents. Tighten down the hex screws on the posts and clip off the excess wire. Do this for both coils then fire at a low wattage to ensure both coils glow equally.

Definitions:

Box mod

A box mod is a type of power source typically used for vaporizing E-juice, and has software to intelligently restrict how much power is supplied to the atomizer.

Atomizer

Atomizer is a catch-all term for box mod attachments.

510 thread

A 510 thread is the common term for the universal connection featured on a majority of the box mods on the market today. This port allows the box mod to connect with the + and - paths of the atomizer.

Resistance

Resistance is a number representing how easily power can flow through the coil, or heating element. Base resistance refers to the resistance value of the coil at room temperature. As the coil heats up, it's resistance changes accordingly. It is important for the box mod to have the correct base resistance, as it uses this value to estimate the temperature of the coil at any point in time and adjust how much power it supplies to the coil in order to maintain a specified temperature range.

TCR

TCR stands for Temperature Coefficient of Resistance. As stated above, resistance changes relative to coil temperature, and the box mod can use this variable to regulate the overall temperature of the coil and the air around it. A TCR value is essentially a math problem that the box mod calculates on the fly to figure out if it needs to use more or less power to reach the desired temperature range

Coil

A coil is what heats up when the box mod is activated. Coils can be made of different materials, different thicknesses, or different styles that all affect their resistance and performance. Different coil materials include: kanthal A1, nickel 200, stainless steel, and titanium.

Build deck

A build deck is the part of an atomizer (most commonly found in Rebuildable Dripping Atomizers, or RDAs) that connects to the 510 port of the box mod and has two or more "posts" where the + and - legs of the coil can be installed.

Convection

Convection is one of two main ways to vaporize herbs, the other being conduction. Convection heating is when heated air is raised through the vapeable material, causing it to vaporize without burning. Conduction does the opposite, where the chamber that holds the vapeable material heats up causing the material to vaporize. Both of these methods have pro's and con's, but convection is generally regarded as the better choice in respect to taste, efficiency, and convenience.

Stem

A stem is a general term for a vaporizer mouthpiece that holds the vapeable material inside it on the opposite end. The most common stems are glass joints, namely 18mm and 14mm male glass joints. There are two main standards when referring to 18mm stems. US standard which is 22mm deep and 18mm wide at the top of the taper. ISO (international) standard glass joints are 26mm deep and 18mm wide at the top. StemPod Si has been designed to accept either standard, though because of a large variance between manufacturers, not all stems may be compatible.

18650 battery

An 18650 battery is a common type of battery used for box mods. These batteries can output a lot of power in a start and stop fashion, which makes them a good fit for many of the use cases of a box mod