



User Manual



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Safety Information

PLEASE READ ALL SAFETY PRECAUTIONS BEFORE USE.

WARNING: To reduce the risk of fire or shock hazard, do not expose this product to rain or moisture.



This lightning symbol is intended to alert you to the presence of uninsulated dangerous voltage within the product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.



This exclamation symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

CAUTION: To reduce the risk of electrical shock, do not remove screws or cover. No user-serviceable parts inside. Refer servicing to qualified personnel.



- Coil heats to extreme temperatures, do not touch while in operation
- Season the Grade 2 titanium nail before use
- Power down the unit when unattended
- Do not exceed temperatures of 1100°F
- Keep all flammable material away from coil
- Watch loose cables that could be snagged
- Allow coil to cool before storing or moving
- Keep coil and controller away from water
- Keep away from children and pets at all times
- MiniNail products are intended for use by adults of legal age
- Do not use if you are pregnant, breastfeeding, or have a risk of heart disease, high blood pressure, hypertension, diabetes, or are taking medicine for depression or asthma.
- Enjoy responsibly!

INCLUDED IN THE KIT

a. MiniNail™ Controller



b. Heating Element



c. AC Power Cord



d. Nail Accessory



e. Cap/Dabber Accessory



f. Slab Pad





QUICK START GUIDE

1

CHOOSE ADAPTER,
ATTACH COIL
&
CONNECT
TO GLASS

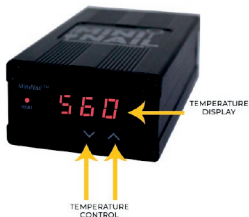
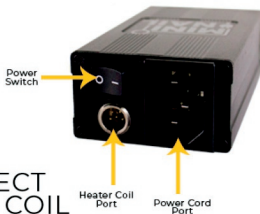


3

TURN ON,
ADJUST TEMPERATURE
TO DESIRED LEVEL
& ENJOY

2

CONNECT
HEATER COIL
& POWER CORD
TO CONTROLLER



QUICK START GUIDE

Assemble your MiniNail™

1. Install Nail Accessory (d) to Heating Element (b) 1) Choose either the Male or Female adapter piece included with the nail that will fit the water pipe you are using. 2) Screw the adapter piece of the nail (d) onto the heat shield. 3) Slide the bowl piece of the nail (d) through the heating element (b) and attach to the heat shield.



The heating element must be securely attached to the nail and the nail securely attached to the water pipe. Some nails require seasoning before operation.

2. Install Heating Element (b) to MiniNail Controller (a) Plug the 5-Pin MiniXLR connector on the heating element (b) into the appropriate port on the back panel of the MiniNail controller (a).



Confirm the power is turned to the off position before continuing. This ensures power is applied only when expected.



Ensure nothing is in contact with the installed nail or coil. This area will become extremely hot during operation.

3. Install Power Cord (c) onto MiniNail controller (a) Plug one end of the power cord (c) into the rear panel of the MiniNail controller (a). Plug the other end into the appropriate grounded wall outlet. Your MiniNail is now ready for operation, pages 12 through 16 explain all possible operational modes in detail.



INITIAL POWER ON

The initial power on state is initiated by moving the switch to the ON (I) position. The LED display on the front panel will illuminate displaying a negative number that will immediately start increasing. The HEAT LED will also flash continuously indicating proper operation.



Initial Power On takes about three (3) minutes depending on the set temperature. At any time during Initial Power On the user can adjust the set temperature using the procedure outlined in page (15).

The display on the front panel will show an increasing number that indicates the current temperature of the heating element. Once the set temperature is reached Initial Power On mode ends and Normal Operation begins.

CLEANING MODE

Cleaning mode is started and stopped manually using the set temperature procedure outlined in the Normal Operation section. Durations of cleaning should not exceed 15 minutes.

Follow the procedure below to enter and exit cleaning mode:

- Press and hold the  button until the display reads approximately $1100^{\circ}\text{F} \pm 50^{\circ}\text{F}$. Exact temperature is not important.
- The coil will take up to five (5) minutes to reach maximum temperature. Once at maximum temperature, let stand for approximately five (5) minutes.
- Gently scrape the nail surface dislodging any material and clearing it from the nail.
- Once finished cleaning, return the set temperature to your desired level using the  button. Default temperature is 600°F .

NORMAL OPERATION





This mode is the standard operating mode, the MiniNail will operate in this mode for the majority of the time. This mode keeps the set temperature entered by the user as accurately as possible, during all normal operating conditions.



Use caution when adjusting your MiniNail set temperature. Setting the temperature too high for extended periods of time could cause accelerated wear on the product. Safe operating temperatures are between 200°F and 800°F (93°C to 427°C).

CHANGE SET TEMPERATURE

Follow the procedure below to adjust the set temperature:

- Press the  or  button to start adjusting the set temperature. The display will change from the current temperature and start flashing the set temperature.
- Within five (5) seconds, use the  or  buttons to continue to adjust the set temperature to the desired level.
- Once the desired temperature is met, do not press any other buttons for five (5) seconds. The display will stop flashing and return to showing the current temperature.

POWER DOWN

Power Down is initiated when the user turns off the unit. This is done by placing the switch position to OFF (0). Power Down lasts approximately 10 minutes depending on the current temperature when initiated. Power Down is complete when the coil reaches room temperature.



Although the display is off and no indication of temperature is shown, the coil and nail can still be extremely hot. Always use caution before handling the nail or coil after Power Down. Allow sufficient time to pass for temperatures to reach safe levels.



TROUBLESHOOTING

If your MiniNail is not working as it should, these suggestions might help solve the problem. At any time, please feel free to contact the MiniNail directly at info@themininail.com or (206) 451-7497 for additional support.

EEEE shown on display.	Confirm MiniXLR cable from heating element is plugged all the way into the box. Confirm a MiniNail brand coil is being used. If available, try a separate coil.
Negative number on display. Display does not change.	Unplug then re-plug in the MiniXLR cable. Turn the MiniNail controller off then on. If available, try a separate coil.
Controller does not turn on.	Ensure the power cord is plugged all the way into the box. Try a separate power outlet

WARRANTY

The MiniNail strives to offer exceptional product service, we will work to provide any product repairs or replacements within the warranty period of all our products in a timely manner.

The controller portion of the kit is covered by 2 year limited warranty that includes any repairs or replacements caused by normal operation. The heating element is covered by a 1 year limited warranty that includes any repairs or replacements caused by normal operation.

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