



How to Adjust the Trim Pot

The Trim Pot

The “trim pot” is an electrical component located on the printed circuit board inside of our control units. It is a black thumbwheel located on the side of the printed circuit board with a small slot (to fit a small screwdriver) in the center. The purpose of the “trim pot” is to set the temperature of the tip when the numbered dial is set to zero. When our units are manufactured the “trim pot” is initially set to deliver a small amount of heat to the tip; generally not hot enough to burn wood but hot enough to burn your hand if you were to touch it. By turning the “trim pot” clockwise, heat will be delivered to the tip sooner (the lower end of the numbered dial), rather than later (the higher end of the numbered dial). Turning the “trim pot” to its maximum position (full clockwise) DOES NOT increase the maximum heat output of the unit; it will simply make the tip “red hot” when the numbered dial is set to zero.

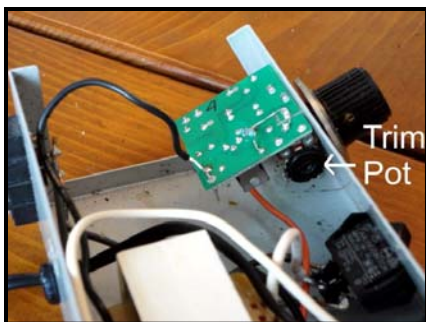
Indications that the “trim pot” may need adjustment

- The tip is red hot when the numbered dial is set to zero
- There is no heat to the tip until the numbered dial is turned to 5 or above

If you do not want to send the unit in for adjustment/repair you can follow the steps listed below.

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1. **Make sure the unit is turned off and unplugged from the wall outlet.**
2. Remove the 4 screws (2 on each side of the box) and remove the cover
3. Inside the box behind the numbered dial is the printed circuit board with the “trim pot”
4. If the tip is too hot when the numbered dial is set to zero, turn the trim pot counterclockwise (in small increments)
5. If numbered dial has to be turned above 5 before there is any heat, turn the trim pot clockwise (in small increments)
6. Plug the unit in and do a test burn on a piece of scrap wood
7. If the unit needs further adjustment, turn the unit off AND unplug it from the wall outlet and repeat steps 4-6.
8. If the unit is still not working properly you should return it to our factory for repair
9. When returning the unit, return it with all handpieces and handpiece cords and include a note describing the problem with daytime phone number where you can be reached.



This picture is of the inside of a Super Pro unit. The printed circuit board is located behind the control knob and the “trim pot” is on the side of the PC board. Depending on the model of the control unit, the PC board may have a different orientation inside the control unit, however the trim pot can always be located on the side of the board.

Remember to ALWAYS turn the unit off AND UNPLUG IT FROM THE WALL OUTLET before removing the cover. NEVER place your hands or attempt to use tools inside an open control box when it is plugged into the wall, even if the on/off switch is in the off position.

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