



Model 49-P Wiring Diagram

Some of my wiring was replaced, so the exact routing may not be perfectly correct. This is for the full cabinet model, so adjust accordingly for the countertop model

- The main wiring comes into the bottom part of the cabinet into a junction box.
 - From there it goes up the left hand back column to the top.
 - I would use 12 gauge stranded for this run (might be able to get by with 14 gauge but let's be safe).
 - For this part run 3 wires (black (power), white (neutral), and green (ground)).
 - It may not have originally had a ground wire, but let's add on.
 - Attach the ground wire to the metal top.
 - Run the black directly to the kettle switch.
 - The white will run to around the switch area, but will have many pigtailed leaving it.
 - For the black main power, wire it to the switch--I would add two pig tails.
 - Manley would typically join the wire together a 1/2" to 1 1/2" back from the end, and then solder it together and finish with a ring terminal.
 - I would use some heat shrink for a nice finish.
 - Use a ring terminal on each of the pigtailed.
 - Use ring terminals for all of the connections to the switches.
 - You would then daisy chain to each of the remaining switches.
 - Use 14 gauge stranded for all other connections (other than the kettle).
 - The pilot lights are for the kettle and seasoning (the top switches).
 - Run a wire from the other side of the kettle switch to the pilot light, and then another wire from the kettle pilot light to the kettle itself (all 12 gauge).
 - Take one of the pigtailed from the main power cord and run it to the motor switch.
 - The other should go to the light switch.
 - Jumper from the light switch to the seasoning switch and further jumper from the seasoning switch to the pan heater switch.
 - From the other side of the motor switch run a line to the motor.
- From the light switch run two lines—one line to the first can light, and one line to the top display lights.
Jumper from one light to the next for each set of lights.
- From the seasoning switch run a wire to the seasoning pilot light, and then a wire from the seasoning pilot light down the right hand side column.
 - On the full-sized cabinet, this wire is combined with a neutral wire and the pan heater wire and runs to the pan heater junction box, and then to the seasoning heater.
 - The pan heater line runs from the other side of the switch with the other wires mentioned earlier down to the pan heater.
 - The neutrals all branch from a common connection by the switches.
 - You will need one pigtail for the kettle (12 gauge), one to the seasoning pilot light (you will run a neutral wire from this connection to the other pilot light), one to the pan heater and seasoning heater (combined), one to the motor, and two to the lights (one for each set).
 - Depending upon how the ground works on the tabletop version, you may need to run a ground wire to ground the pan heater and seasoning heater. -
 - This is not original, but let's be safe.

Ross, December 2007.