

Digital Knight Controller

Filtering Temperature Plug Upgrade

The Digital Knight temperature plug upgrade provides an additional level of filtration against RF (radio frequency) interference, ground loop electrical noise, and ESD (electrostatic discharge).

1. Make sure the temperature plug is pressed ***very firmly, all the way down*** against the receptacle on the circuit board. It may need to be plugged in at an angle to get the two manually cut slots in the plug to slide over the receptacle on the board. This may be very tight.
2. Attach the temperature sensor wires to the OUTER Screw Terminals TIGHTLY. DO NOT attach any wires to the middle 2 screw terminals. Make sure the resistor lead and thermocouple wire are both being tightened in the terminal together.
3. There are several different thermocouple wire pair colors: White & White with Red Stripe, Yellow & Red, Red & Black. Refer to the diagram below after checking which color thermocouple pair you have.

LEFT SIDE

White wire with Red Stripe
Yellow Wire
Red Wire

RIGHT SIDE

White wire
Red Wire
Black Wire

