

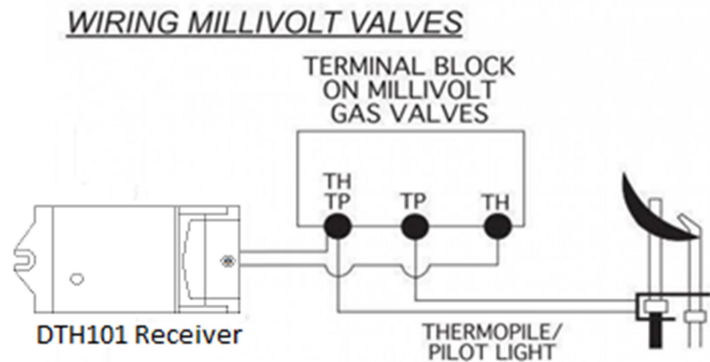
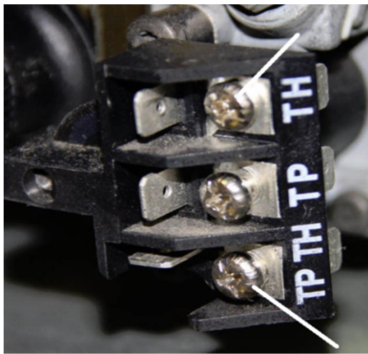
WARNING

DTH101 must be installed exactly as outlined in these instructions. Follow the instructions carefully during installation. Opening DTH101 box will void the return policy and any modification to its components may pose a fire hazard. **Locate the sensor, adapter and DTH101 receiver in a suitable place and far from the Fireplace heat (heat will damage the wires and PCB inside the receiver).** This control system installs with simple wiring like fireplace wall switch, but should be installed by a certified technician who is familiar with gas appliances and gas valves. The following diagrams are for illustration purposes only. Follow instructions from manufacturer of gas valve and/or electronic module for correct wiring procedures. Improper installation of electric components can cause damage to electronic module, Gas valve and receiver.

Wiring and installation

Locate the sensor, adapter and DTH101 receiver in a suitable place and far from the Fireplace heat and close to your Router. You can extend the length of the two connecting wires of the receiver or buy our 5 meters sensor wire extension too. After installation and pairing, the button on the receiver can also operate as manual switch for turning the fireplace ON/OFF. Please check the wiring of DTH101 to two types of valve gas, as follows (the most common type of gas fireplace uses a **millivolt Valve** system):

1- MILLIVOLT VALVES:

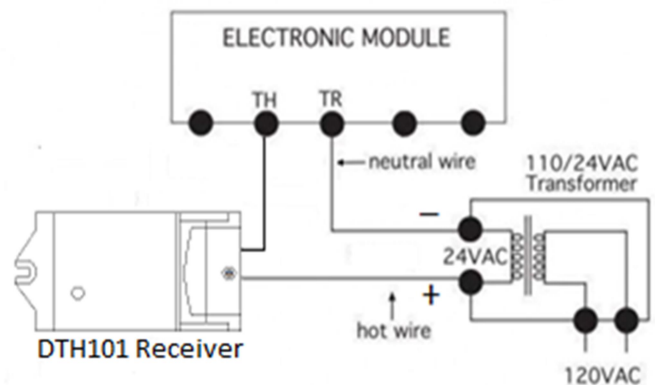


Installer must connect two wires from the DTH101 receiver (included) to the TH and TH/TP terminals on the millivolt gas valve (It does not matter which receiver wires is connected to the designated terminals, listed above). Operation and wiring of the receiver is similar to a wall switch (both turn the gas valve ON and OFF).

2- ELECTRONIC SPARK IGNITIONS:

In this type gas valve, the **TR & TH** terminals on the **gas valve are the** connections from the transformer. Connect the neutral wire of 24VAC transformer to terminal TR (transformer) of the Electronic Module. Connect the hot wire of 24VAC transformer to one of the wires of DTH101 receiver. Connect the other wire of DTH101 receiver to terminal TH (thermostat) of the Electronic Module.

WIRING ELECTRONIC SPARK IGNITIONS



DTH101 Wi-Fi Gas Fireplace Controller Wiring Guide

For current product information, availability, and compatible options, use the verified ThermoMart links below. The preceding pages remain the original wiring guide content.

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