

Pilot lighting for a RH Peterson vented gas log set with ELECTRONIC PILOT

There is no pilot control on these units, as everything is done with electricity (batteries). The most common issue with these is battery replacement.

Depending on the age of your unit, there are couple of different battery configurations:

Newer sets have 2 battery/receiver boxes inside the fireplace – one is smaller that takes 4 AA batteries (See figure 1) and one is larger that takes 2 D batteries (See figure 2). There is also an A23 battery in the remote control. You may need a Phillips screwdriver to remove the brackets that hold in the D batteries. Change batteries in all 3 places.

Older sets have a similar setup, but the little receiver box is in the same larger box as the D batteries. Same as the newer units, replace all batteries at the same time. Again, you will need a screwdriver to get to the D batteries and to get to the smaller receiver box.

G31 (triple burner) and G52 units only have one box that has 4 AA batteries in it (See figure 3). The box is fairly small and you will need a very small Philips screwdriver to remove the cover to replace the batteries.

Once the batteries are replaced, put the switch on the smaller receiver box into REMOTE position (Not applicable to G31 or G52 units). In this position, pushing the ON button on the remote should start the startup sequence and you should hear the clicking noise from the pilot light generator. If you don't hear this, there is one more thing you can try. You can try to pair the remote to the receiver again – Put the receiver in REMOTE position, push in the button on the front of the receiver marked LEARN (you will need a pen tip or a paperclip to do this), the receiver will make a long, audible beep and you will have 3 seconds to push a button on the remote. If everything worked correctly, the receiver will make another audible beep to acknowledge that it worked and the remote should start working. If it doesn't, there is an issue – call for service

ADDITIONAL TROUBLESHOOTING:

If the unit has been sitting unused for a month or more, the gas line may have filled up with air. This is common, particularly the first time you light it in the fall after sitting all summer. You may have to bleed the air out of the line. So when you start the unit, the gas valve opens up and you will hear the clicking from the pilot light generator. This will try to light the unit for approximately 30 seconds. After that, the clicking will stop. This usually means that there is no gas in the line and it is filled with air. Push the OFF button on the remote and then push the ON button to start the cycle again. If you have a long gas line servicing the unit, you may have to restart the cycle 4 or 5 times. If you don't get it to light after 5 restarts, call for service.



Figure 1 – Remote receiver box. Takes 4 AA batteries.



Figure 2 – Larger ignition box. Takes 2 D batteries
Older units may have the small box inside this box as well. Older units will not have a toggle switch on the front as pictured – just the switch on the smaller box. A Phillips screwdriver is needed to replace the batteries.



Figure 3 – Battery box on a G31 or G52 unit
Takes 4 AA batteries. A very small Phillips screwdriver is needed to remove battery cover.