



Audible Alerts & Error Codes for:  
AF-4000 MOD-1  
AF-4000 MOD A  
SMART MOD

**ALERTS**

**Ready to Learn:**

Audible Alert: Single beep after pushing the LEARN button.

Description of Alert: Inform the user that the module is ready to learn the security code of a transmitter.

**Code Accepted:**

Audible Alert: Five beeps in rapid succession.

Description of Alert: Inform the user that the module has successfully learned a transmitters security code.

**Memory Cleared:**

Audible Alert: Three long beeps in succession.

Description of Alert: Inform user that the transmitter security code memory has been successfully cleared (push and hold LEARN button for 10 seconds).

## **ERROR CODES**

### **Ignition Safety (Protection for Ignition system):**

Error Code: One beep every one second.

Description of Fault: Warn users if the pilot is not successfully ignited in 60 seconds.

How to Clear: Press OFF then ON buttons to re-attempt ignition.

#### **What to Check:**

- Ensure gas supply is turned on.
- Ensure orange/white leads from module are plugged into the "PILOT" connection on the valve body.
- Verify lead from igniter on pilot assembly is connected to the "I" terminal on the module.
- Verify lead from flame sensor on pilot assembly is connected to the "S" terminal on the module.
- Verify that the black ground lead from the module is connected to a proper ground on the fireplace.
- Ensure there is no blockage in the pilot line.

### **Sensor Safety (Protection for Flame sensor):**

Error Code: 4 Beeps every one second (Constant beeping)

Description of Fault: Warn users that the pilot flame sensor detects a pilot flame already present when ignition sequence is initiated. This fault will also occur if pilot flame sensor is shorted to ground.

How to Clear: Press OFF then ON buttons to re-attempt normal ignition.

#### **What to Check:**

- Check if pilot flame is actually present when valve is turned OFF (valve replacement necessary if yes).
- Replace pilot assembly.
- Replace module.

Thermal Safety (Overheat Protection):

Error Code: 4 Beeps every 2 seconds.

Description of Fault: Warn users that the modules internal temperature has exceeded 170 deg. F.

How to Clear: Module's internal temperature must cool to below 160 deg. F and then press ON button.

What to Check:

- Is module located in unapproved location, too close to burner?
- Move to cooler location.

Communication Safety (Note: This feature is only available when transmitter includes an LCD screen).

Error Code: One beep every 4 seconds

Description of Fault: Warn users that the transmitter and & receiver are not communicating properly.

What to Check:

- Verify batteries in both transmitter and receiver are new.
- Ensure transmitter is located within 20 feet of receiver.
- Ensure transmitter is not placed in metal enclosure or laying directly on top of a metal surface as this can interfere with transmission.