



GS2 Basic Wall Mount Remote Installation

SKU# 99300695

Compatibility

- Radiant Large GSB2 & MV
- Radiant Medium GSB2 & MV
- Radiant Small GSB2 & MV
- 42 PB Linear GSB2 & MV
- 54 PB Linear GSB2 & MV
- 72 PB Linear GSB2 & MV
- Northfield MV
- Berkshire MV
- Greenfield MV
- 36 PB CF GSB2 & MV
- 42 PB CF GSB2 & MV

Packing List

- (1) Remote Transmitter
- (1) Remote Receiver w/ Attached Wire Harness
- (1) Switch Blank
- (4) AA Batteries
- (3) AAA Batteries

Warnings



The transmitter and receiver are radio frequency devices. Placing the transmitter in or near metal may severely reduce the signal range.



Turn off power to the heater during installation or maintenance (unplug or turn off at the breaker).



Turn off the main gas supply to the appliance during appliance installation or maintenance.



REMOTE CONTROL / PILOT WARNING: Installing batteries in the battery holder or connecting the appliance to power may automatically initiate the CPI pilot mode, resulting in a lit pilot flame. Do not place combustibles inside the firebox.

If Using the Optional Blower, Install it First

The optional blower should be installed before installing the remote.

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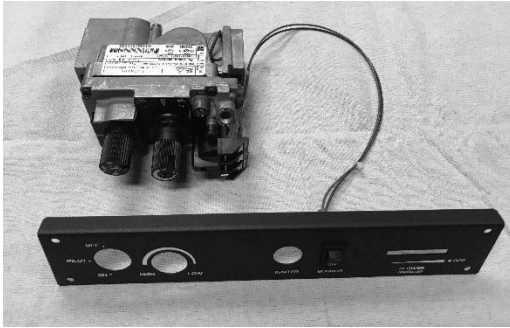


MV Fireplace and Insert Installation

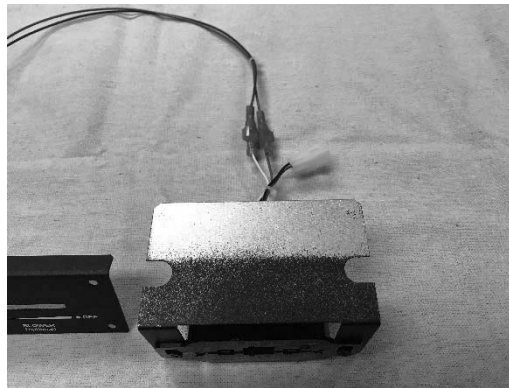
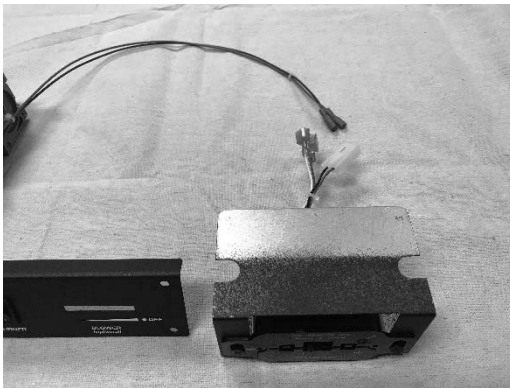


This set of installation instructions shows a summary of the remote installation.
For detailed instructions on placement of the receiver and other details, refer to the installation manual included with your appliance.

1. Remove the Brown and Red wires from the back of the on/off switch.

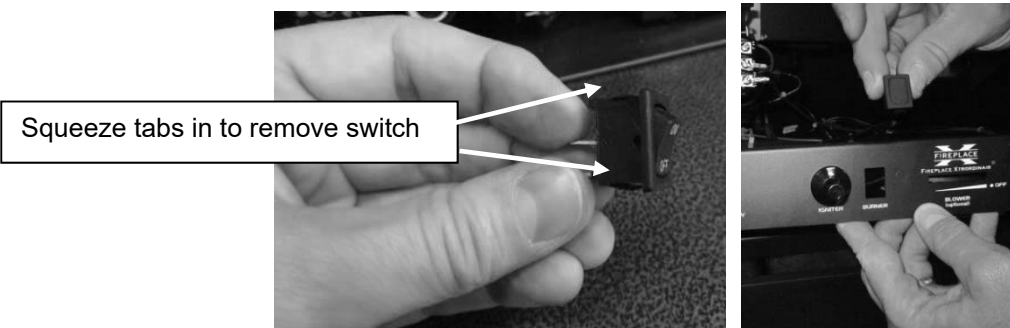


2. Place the remote receiver in the appliance (see appliance manual for placement details). Connect the Brown and Red wires to the Green and White wires from the receiver (polarity does not matter in this application).



NOTE: The Molex connector with the Red and White wires remains empty in this application.

3. Remove the on/off switch from its mounting location. Place the switch blank into this location.



4. Verify the wiring does not contact any hot or moving components. Restore the appliance to the correct configuration. Install the batteries in the remote and receiver. Synchronize the remote to the receiver (page 8).

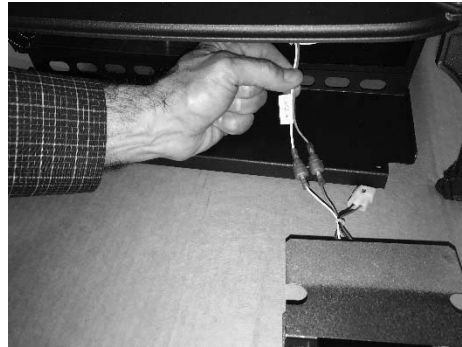
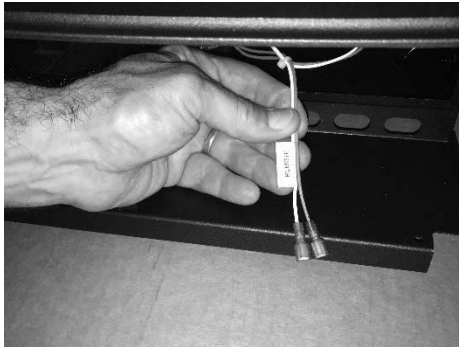


MV Stove Installation

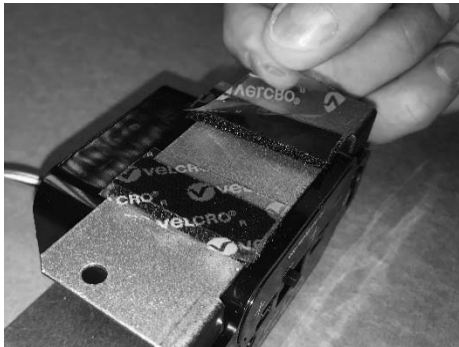


This set of installation instructions shows a summary of the remote installation.
For detailed instructions on placement of the receiver and other details, refer to the installation manual included with your appliance.

- 1 Locate the Green and White wires labeled "REMOTE" near the gas control valve. Connect the Green and White wires from the back of the remote to the "REMOTE" wires found in step 1.



- 2 Remove clear plastic film from the Velcro strips on the bottom of the heatshield for the receiver. Turn the assembly over so the strips are facing downward. Gently push the wires back into the appliance as you move the receiver assembly into place. Adhere the assembly to the floor of the controls area of the stove. Make sure the placement does not obstruct the movement of the door.



- 3 Verify the wiring does not contact any hot or moving components. Restore the appliance to the correct configuration. Install the batteries in the remote and receiver. Synchronize the remote to the receiver (page 9).



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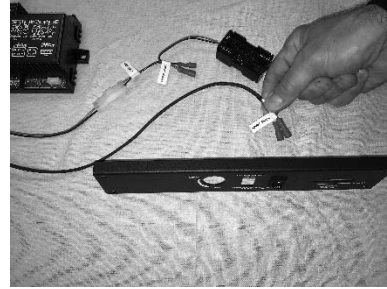
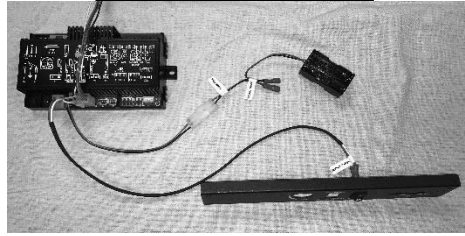
GSB2 Installation



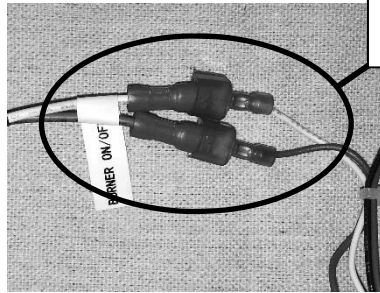
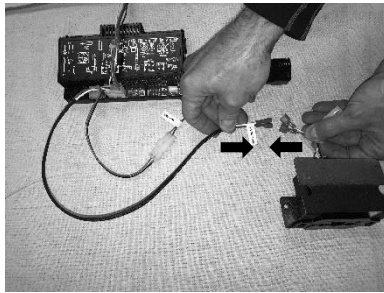
This set of installation instructions shows a summary of the remote installation.
For detailed instructions on placement of the receiver and other details, refer to the installation manual included with your appliance.

- 1 Remove the Green and White wires from the back of the on/off switch..

Stock Configuration

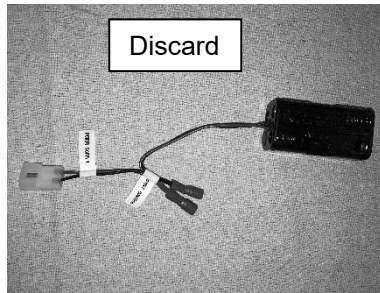
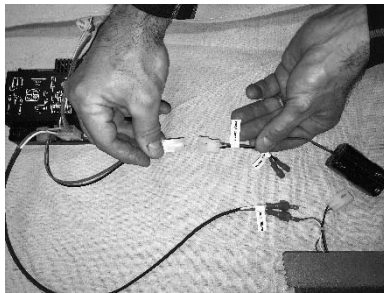


- 2 Connect the Green and White wires to the Green and White wires on the remote receiver (Green must attach to Green and White to White).



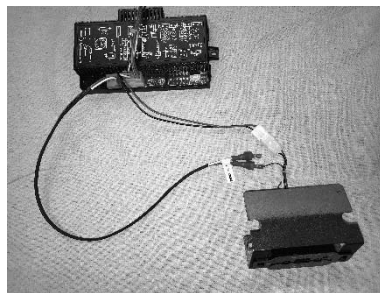
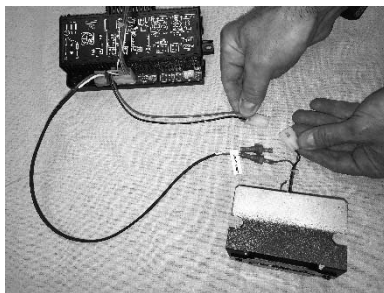
Green to Green
White to White

- 3 Disconnect the Molex connector that attaches to the battery holder (discard the battery holder)



Discard

- 4 Connect the Molex connector to the connector from the remote receiver.



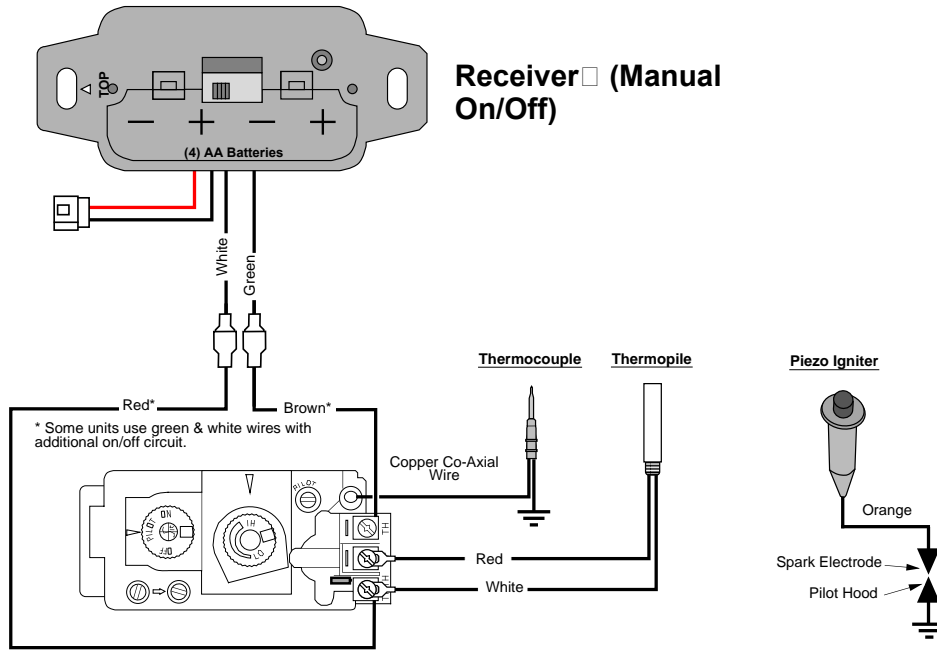
5. Verify the wiring does not contact any hot or moving components. Restore the appliance to the correct configuration. Install the batteries in the remote and receiver. Synchronize the remote to the receiver (page 8).



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Wiring Diagram MV

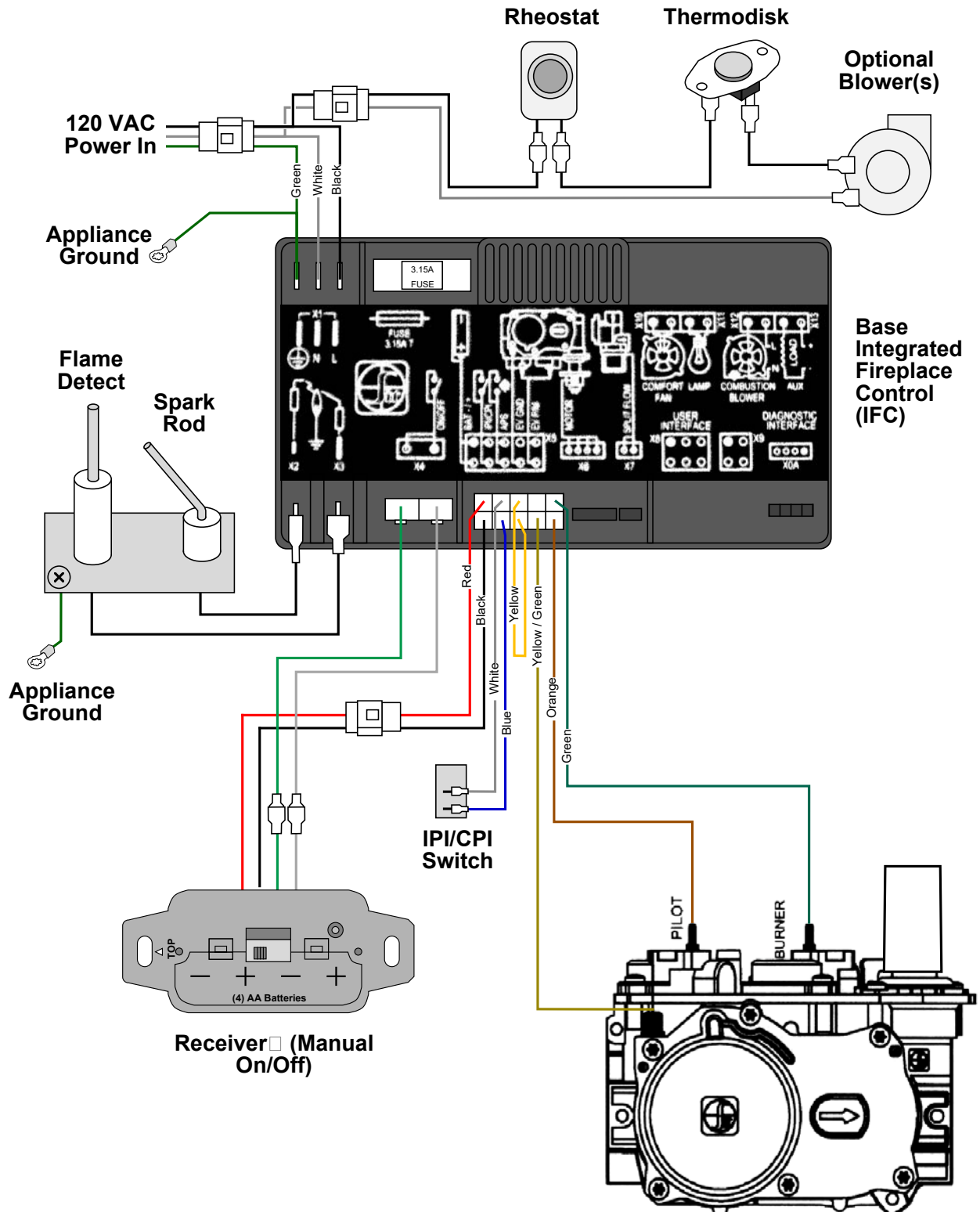




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Wiring Diagram GSB2

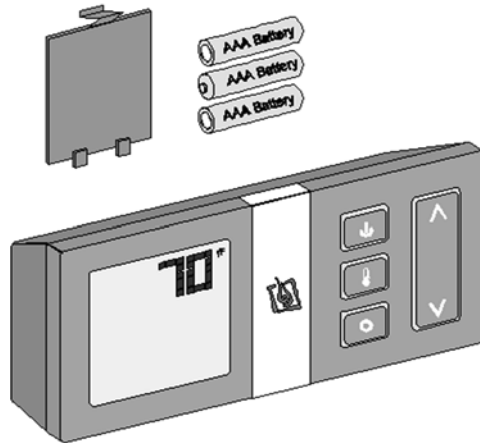




Operating Instructions

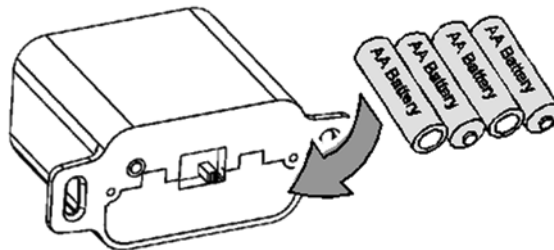
Transmitter Battery Installation

Install the three included AAA batteries into the remote (see illustration below).



Receiver Battery Installation

Install four AA batteries into the receiver (see illustration below). You can use the batteries from the battery backup tray on the appliance. See the installation instructions for details. These batteries power the receiver. The batteries also act as a power-backup in case the household (AC) current goes out (GSB2 units only).

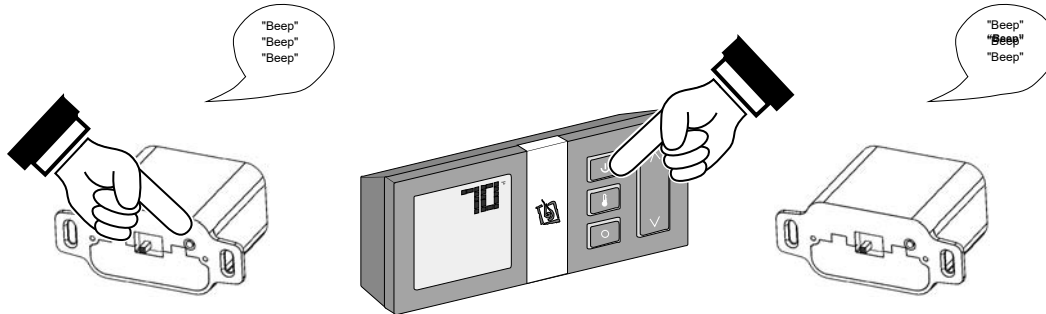




Synchronize the Transmitter to the Remote

The transmitter will need to be synchronized to the receiver before the remote will work correctly. Synchronizing is done in the following two steps below (see illustration below):

- a) Press the PRG (Program) button on the receiver (receiver will beep 3 times).
- b) Press the "ON" button on the transmitter (receiver will beep 4 times).



NOTE: If power is cut off to the receiver for an extended period of time, you may need to re-synchronize the remote.

Direct Fireplace Operation

The fireplace may be directly operated from the receiver. The three positions are below (see Figure 4):

ON – Fireplace burner turns on (regardless of transmitter settings).

OFF – Fireplace burner turns off (regardless of transmitter settings).

REMOTE – Fireplace is controlled by the transmitter.

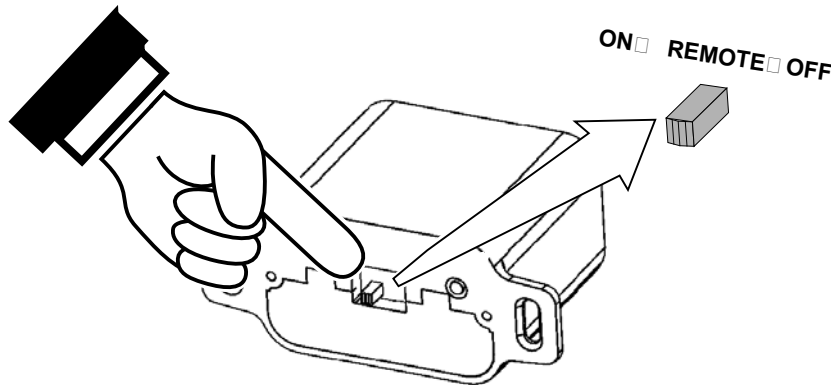


Figure 4

NOTE: When the receiver switch is turned to ON or OFF, the thermostat and burner on/off operating functions will not work on the transmitter.

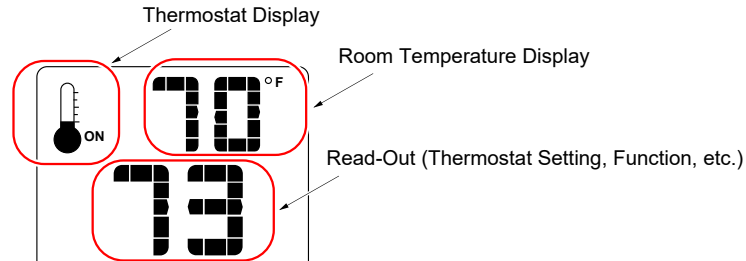


Remote Operation

When the switch on the receiver is set to “REMOTE” the transmitter operates the fireplace. Once you understand how the transmitter works, you will be able to operate your fireplace quickly and easily.

Display Overview

The transmitter display has three main sections (see below).



Listen for the “Beep”

Each time you press a button on the transmitter that controls the fireplace, a “beep” will come from the IFC. When you change thermostat target settings the IFC will not beep.

NOTE: When the batteries start to get low, the IFC will beep intermittently. When the batteries are nearly depleted, the IFC will no longer beep. See “**Receiver Batteries**” on page 11).



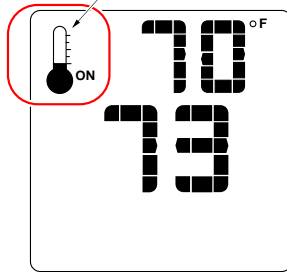
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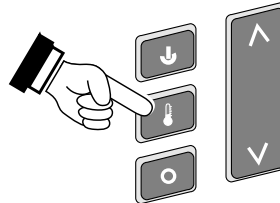
Manual On-Off / Standard Thermostat

Use the thermostat button to cycle through the two thermostat settings (see below).

Look here for the thermostat setting.

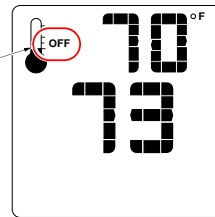


Press the thermostat button to cycle through the thermostat settings.



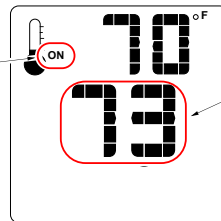
- **MANUAL ON/OFF** – The burner will turn on and off using the remote (see below). Press the On/Off button to control the burner. When off, the display will only show the current temperature.

When in manual setting, the word "OFF" will appear here.

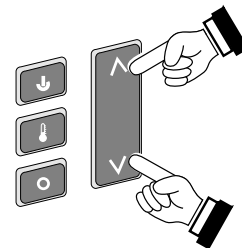


- **THERMOSTAT** - While in standard thermostat setting, the transmitter will turn the burner on and off to achieve the target temperature (see below). To adjust the target temperature, press the up and down buttons until a suitable temperature is achieved.

When in standard thermostat setting, the word "ON" will appear here.



This is the target temperature on the read-out. Use the up or down buttons to adjust the target temperature.



NOTE: If the transmitter batteries go dead while in thermostat setting, the appliance will shut off after approximately 24 hours.



Low Battery Indicator

Transmitter Batteries

The transmitter has a battery-level indicator. When it indicates low battery voltage (see Figure 1 below), install four new AAA alkaline batteries into the transmitter (see “Transmitter Battery Installation” on page 7).

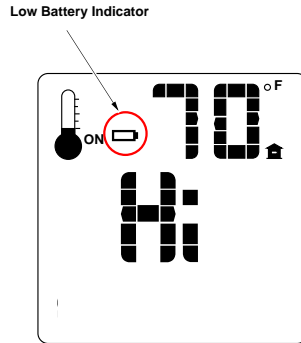


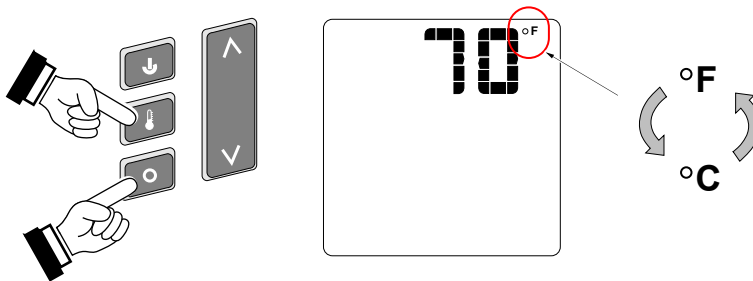
Figure 1

Receiver Batteries

The receiver will “beep” periodically when the receiver batteries go low. Install four new AA alkaline batteries into the receiver when this occurs (see “Receiver Battery Installation” on page 7). In applications where the appliance is required to provide heat, we recommend replacing the batteries before each heating season.

Display Fahrenheit or Celsius

- With the system in the “OFF” position, press both the MODE and THERMOSTAT buttons simultaneously to toggle between Fahrenheit (F) and Celsius (C).





Power Outages

On MV versions of the appliance, the receiver is powered by batteries only so power outages will not change the function operation of the remote but the optional fan, if installed, will not operate.

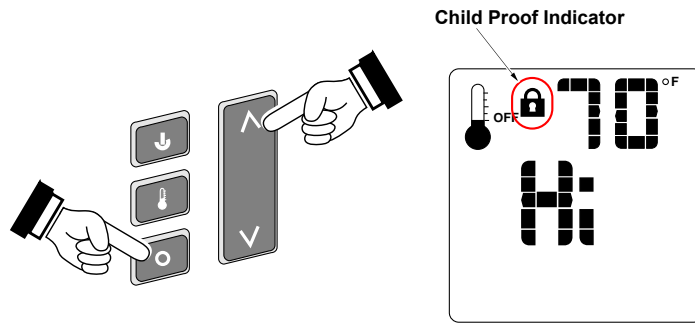
On the GS units, the remote will work if household current (AC power) is disconnected. The batteries inside the battery box will continue to power the appliance but the blower will not operate.

Child-Proof Feature

The child proof feature disables the control buttons, preventing un-wanted use of the remote.

- Press both the MODE and UP buttons simultaneously to turn this feature on and off (see below).

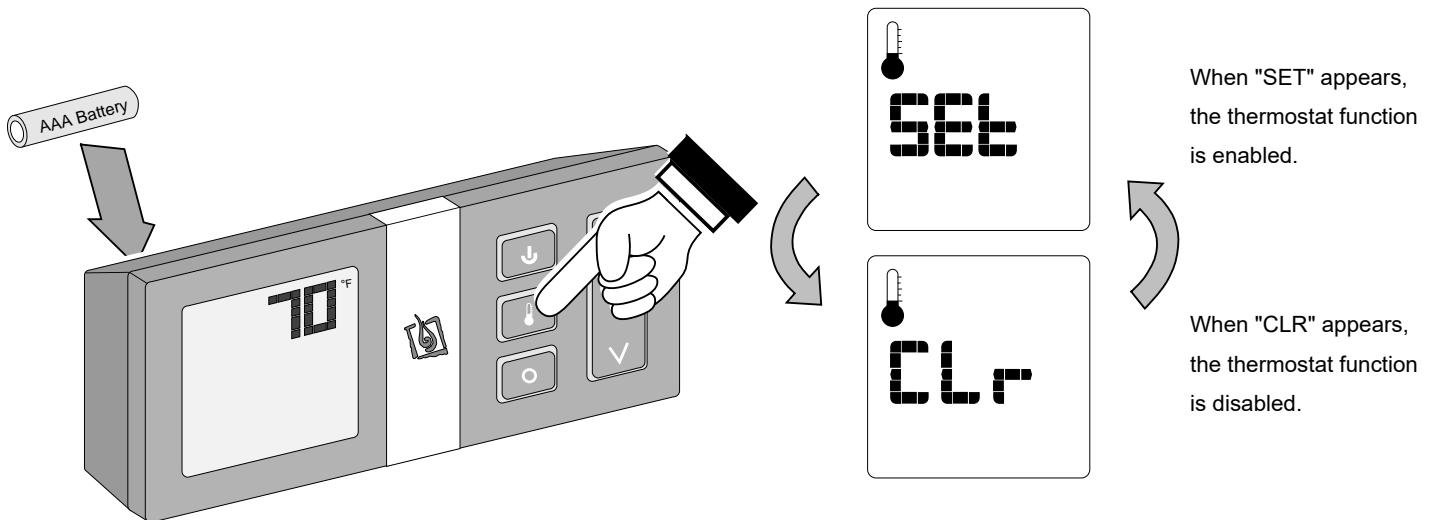
HINT: This feature is especially useful while using the thermostat setting.



How to Turn the Thermostat Feature On and Off

NOTE: The remote is shipped from the factory with the thermostat enabled.

- 1 Remove one battery from the remote.
- 2 Press down on the thermostat button while replacing the battery. This will toggle the thermostat function. Repeat this process to toggle the thermostat function to the desired setting.





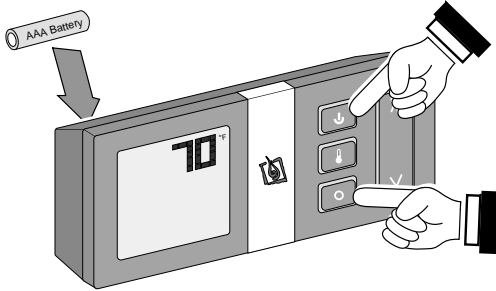
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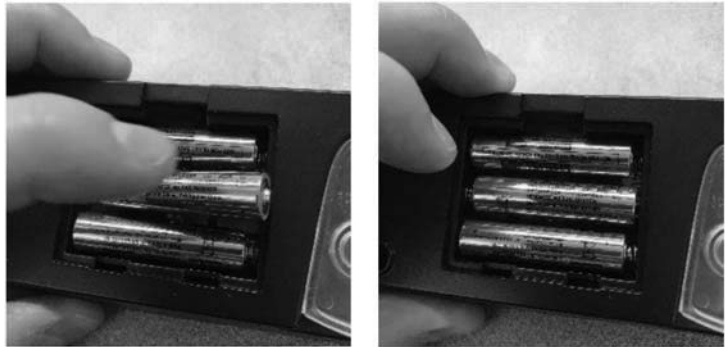
Disabling Modes From the Remote

NOTE: The remote is shipped with the modes disabled. These instructions are for reference purposes only.

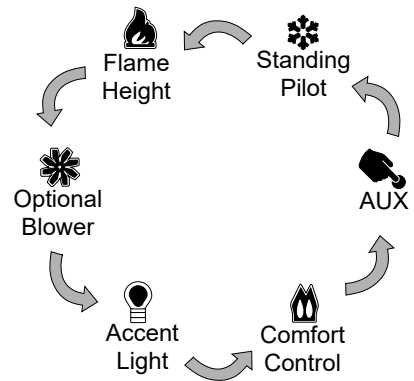
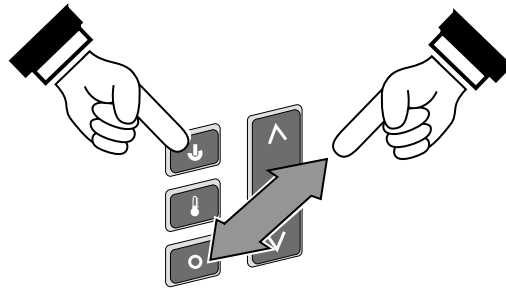
- 1 Remove one battery from the remote.
- 2 Press down on the on/off button and mode button while replacing the battery.
Make sure to keep the on/off button depressed during the following steps.



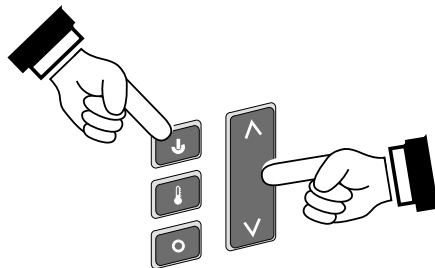
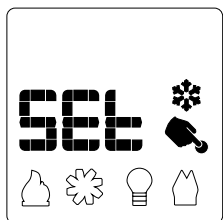
HINT: The easiest way to do this step is to place the top battery in the holder, slightly ajar. Then hold the the buttons down as you press the battery into place.



- 3 While keeping the on/off button depressed, press and release the mode button until the mode that needs to be changed is illuminated.



- 4 With the desired mode illuminated (the illustration below shows the AUX mode illuminated), press the "up" or "down" button to activate or clear the mode being addressed. Make sure to keep the on/off button depressed during this process.



^ SET

Press the "up" button to activate ("SET") the mode selected.

∨ CLR

Press the "down" button to clear ("CLR") the mode selected.

- 5 Release the on/off button to complete programming.