

REMOTE CONTROL OPERATION INSTRUCTIONS

The Proflame 2 (STL-411-506) is used with SIT valve components starting with Serial # 13001.
If you have a unit manufactured prior to the change, please use STL-208 remote control and refer to
INS-CXL58 Rev E or earlier Installation and Operating Instructions.

A. REMOTE ICON IDENTIFICATION

Proflame 2 Remote Control by SIT



NOTE: ON/OFF Rocker Switch must be ON for the remote to operate.

Features:

- Main Burn ON/OFF
- Main Burner flame modulation (6 levels)
- Choice of standing or intermittent pilot
- Thermostat or Smart thermostat functions
- Accent light modulation* (6 levels)
- Comfort Fan speed modulation (6 levels)



Figure 18A.1

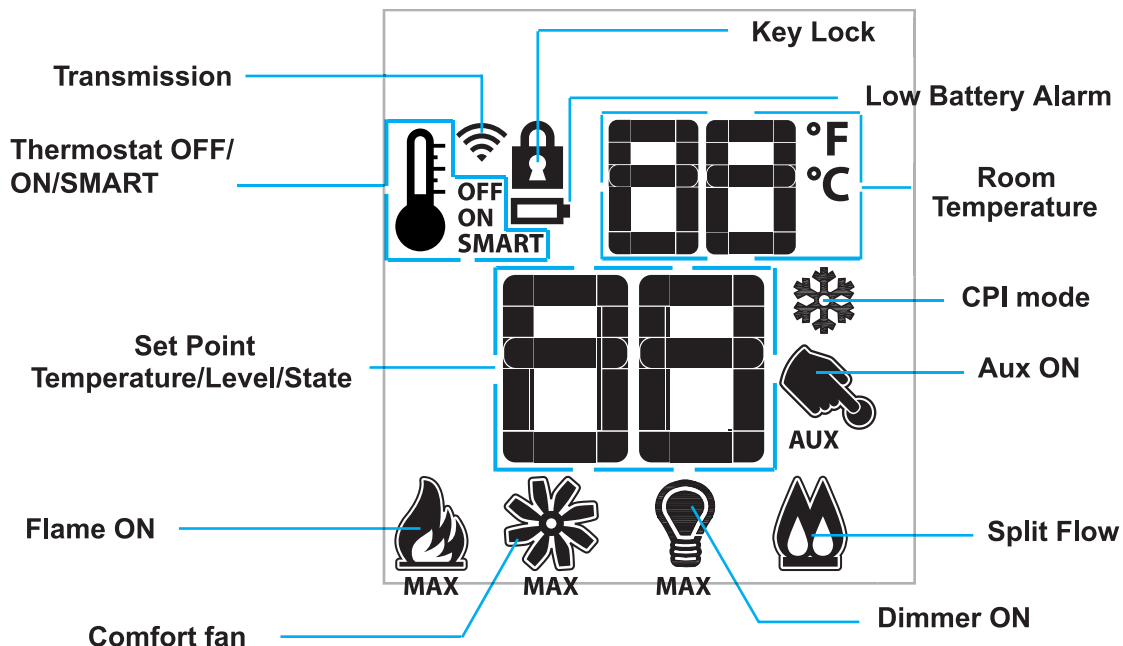


Figure A

REMOTE CONTROL OPERATION

B. REMOTE CONTROL INFORMATION

Supply Voltage: 4.5 V (three 1.5 V AAA batteries)
Ambient Temperature Ratings: 0-50 °C (32 - 122 °F)
Radio Frequency: 315 MHz



NOTE: THE TRANSMITTER AND RECEIVER ARE RADIO FREQUENCY DEVICES. PLACING THE RECEIVER IN OR NEAR METAL SEVERELY REDUCES THE SIGNAL RANGE.



- TURN "OFF" THE MAIN GAS SUPPLY OF THE APPLIANCE DURING INSTALLATION OR MAINTENANCE OF THE RECEIVER DEVICE
- TURN "OFF" MAIN GAS SUPPLY TO THE APPLIANCE PRIOR TO REMOVING OR REINSERTING THE BATTERIES
- IN CASE OF REMOTE CONTROL MALFUNCTION, TURN OFF THE INSERT USING THE "ON/OFF" SWITCH
- FOR INSTALLATION/MAINTENANCE, SWITCH OFF THE INSERT BY REMOVING MAIN POWER SUPPLY PLUG AND BATTERIES IF INSTALLED.



- **FIRE HARZARD. Can cause severe injury or death.**
- The Transmitter causes ignition of the appliance. The appliance can turn on suddenly.
- Keep away from the appliance burner when operating the remote system.

C. INITIALIZING THE SYSTEM FOR THE FIRST TIME

Install the three (3) AAA type batteries in the Transmitter battery bay located on the base of the Transmitter (back side). (Figure C)

Power the receiver.

* With the ON/OFF rocker switch turned ON, press the SW1 button on the module. (See Figure A)

The Receiver will "beep" three (3) times to indicate that it is ready to synchronize with a Transmitter.

With the batteries already installed in the Transmitter, push the "ON" button. The Receiver will "beep" four (4) times to indicate the Transmitter's command is accepted and set to the particular code of that Transmitter.

The system is now initialized.



Figure C

REMOTE CONTROL OPERATION

D. TEMPERATURE INDICATION DISPLAY

With the system in the “OFF” position, press the THERMOSTAT key and the MODE key at the same time.

Look at the LCD screen on the Transmitter to verify that a °C or °F is visible to the right of the Room Temperature display. (Figure D.1 and D.2)

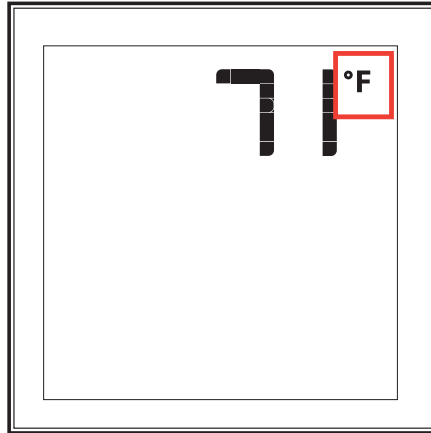


Figure D.1

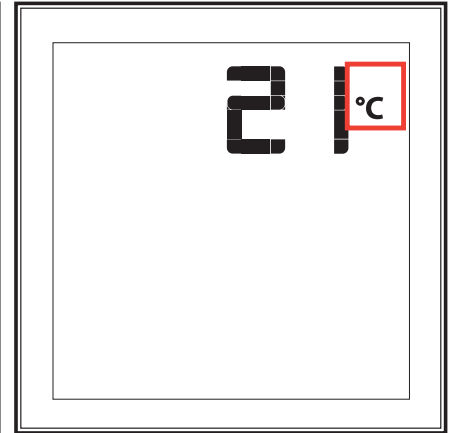


Figure D.2

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E. TURN THE FIREPLACE ON AND OFF

TURN ON THE APPLIANCE

With the system OFF, press the ON/OFF key on the Transmitter. The Transmitter LCD display will show some other active Icons on the screen. At the same time the Receiver will activate the appliance.

A single “beep” from the Receiver will confirm reception of the command.

TURN OFF THE APPLIANCE

With the system ON, press the ON/OFF Key on the Transmitter. The Transmitter LCD display will show the room temperature (Figure E). At the same time the Receiver will turn off the appliance.

A single “beep” from the Receiver confirms reception of the command.

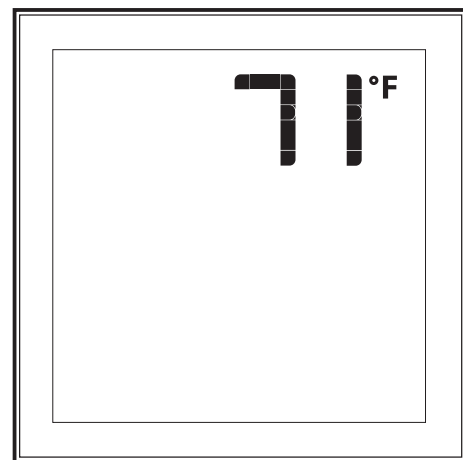


Figure E

REMOTE RECEIVER INFORMATION

F. REMOTE-FLAME CONTROL

The Proflame has six (6) flame levels.

With the system ON and the flame level at the maximum in the appliance, pressing the DOWN ARROW key once will reduce the flame height by one step until the flame is turned OFF.

The UP ARROW key will increase the flame height each time it is pressed.

If the UP ARROW key is pressed while the system is ON but the flame is OFF, the flame will come ON in the high position. (Figures F.1 - F.4)



Figure F.1

Flame Off

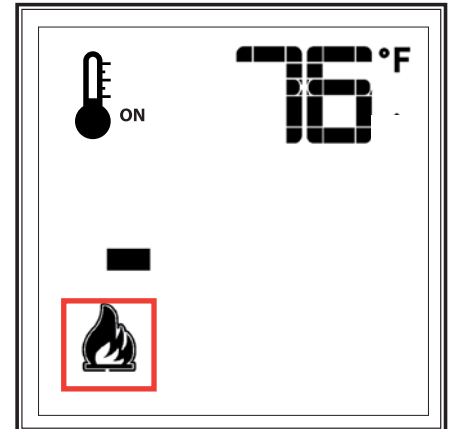


Figure F.2

Flame Level 1

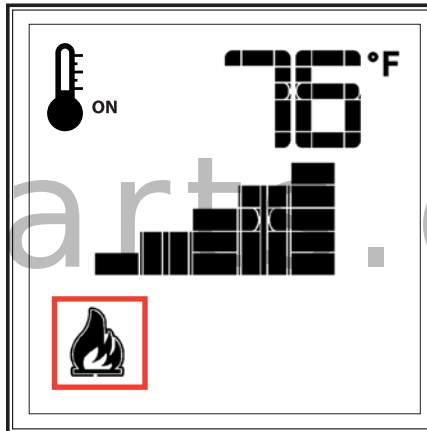


Figure F.3

Flame Level 5

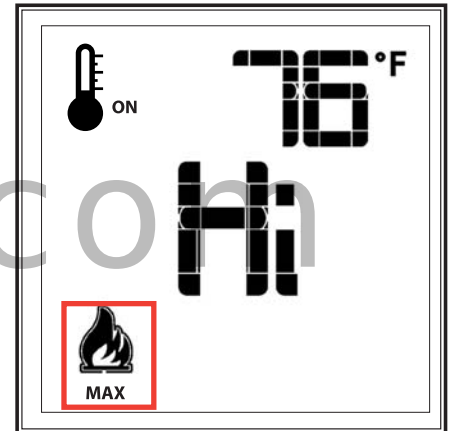


Figure F.4

Flame Level Maximum

G. ROOM THERMOSTAT (TRANSMITTER OPERATION)

The Remote Control can operate as a room thermostat. The thermostat can be set to a desired temperature to control the comfort level in a room.

To activate the function, press the THERMOMSTAT key. (Figure A.1) The LCD display on the Transmitter will change to show that the room thermostat is "ON" and the set temperature is now displayed. (Figure G.1)

To adjust the set temperature, press the UP or DOWN ARROW keys until the desired set temperature is displayed on the LCD screen of the Transmitter.

ROOM TEMPERATURE

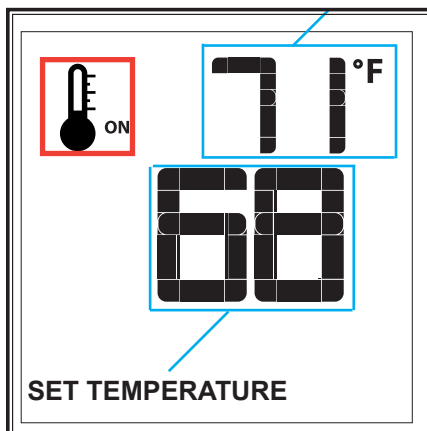


Figure G.1

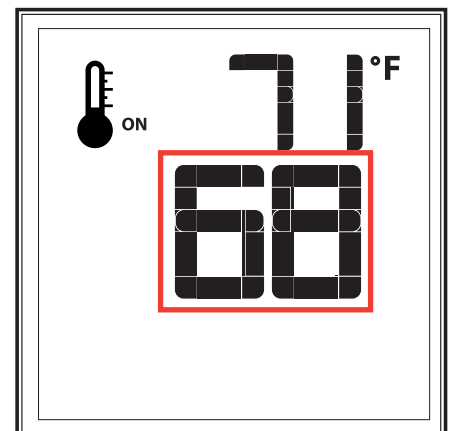


Figure G.2

REMOTE CONTROL OPERATION

H. SMART THERMOSTAT (TRANSMITTER OPERATION)

The Smart Thermostat function adjusts the flame height in accordance with the difference between the set point temperature and the actual room temperatures.

As the room temperature gets closer to the set point the Smart Function will modulate the flame down.

To activate this function, press the THERMOSTAT key (Figure A.1) until the word "SMART" appears to the right of the temperature bulb graphic. (Figure H.1)

To adjust the set temperature, press the UP or DOWN ARROW keys until the desired set temperature is displayed on the LCD screen of the Transmitter. (Figure H.2)

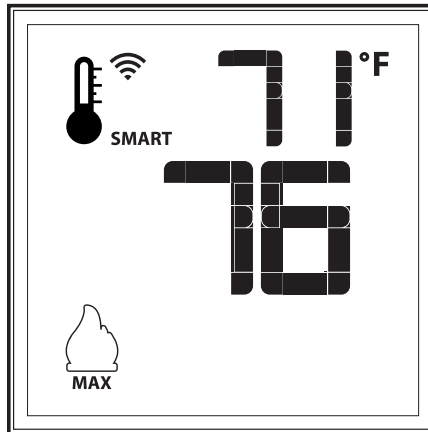


Figure H.1

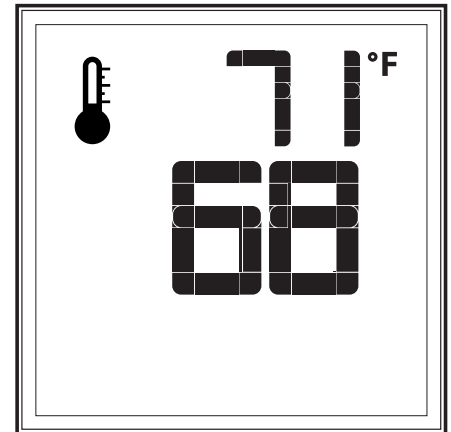


Figure H.2

NOTE: When Smart Thermostat is activated, the manual flame height adjustment is disabled.

I. FAN SPEED CONTROL

The speed of the fan can be controlled by the Proflame system.

The fan speed can be adjusted through six (6) speeds.

To activate this function, use the MODE key (Figure A.1) to index to the fan control icon. (Figure I.1)

Use the UP/DOWN ARROW keys to turn on, off or adjust fan speed. (Figure I.2)

A single "beep" will confirm reception of the command.



Figure I.1

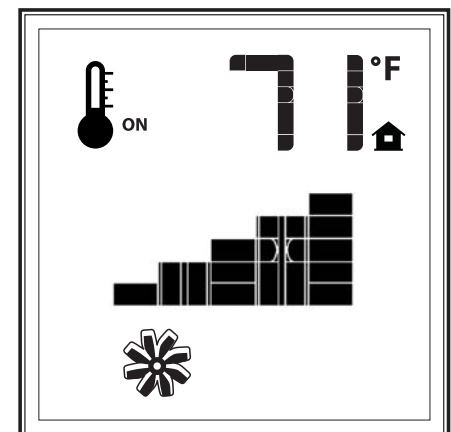


Figure I.2

REMOTE RECEIVER INFORMATION

J. CONTINUOUS PILOT/INTERMITTENT PILOT (CPI/IPI) SELECTION

With the system in “OFF” position press the MODE key (Figure A.1) to index to the CPI mode icon. (Figure M.1 & M.2)

Pressing the UP ARROW key will activate the Continuous Pilot Ignition mode (CPI).

Pressing the DOWN ARROW key will return to IPI.

A single “beep” will confirm the reception of the command.

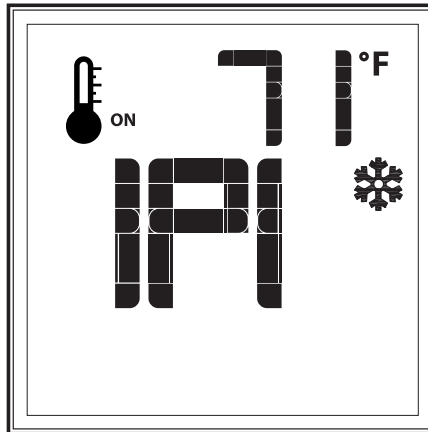


Figure J.1

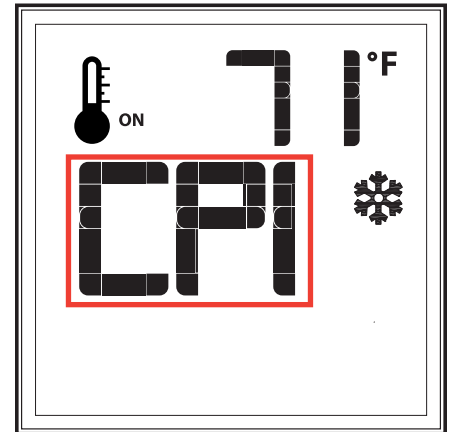


Figure J.2

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K. KEY LOCK

This function will lock the keys to avoid unsupervised operation.

To activate this function, press MODE and UP keys at the same time. (Figure A.1) A Lock and Key icon will appear to the right of the temperature icon. (Figure N)

To deactivate this function, press MODE and UP Keys at the same time. (Figure A.1)

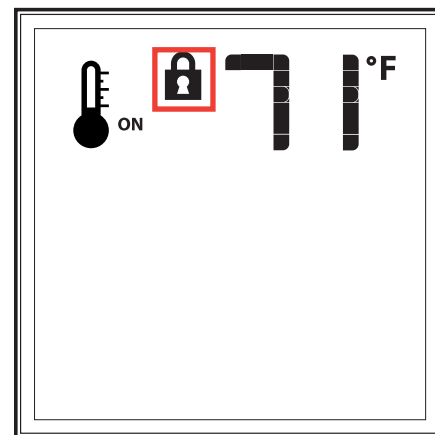


Figure K

REMOTE CONTROL OPERATION

L. LOW BATTERY POWER DETECTION

TRANSMITTER

The life span of the remote control batteries depends on various factors: quality of the batteries used, the number of ignitions of the appliance, the number of changes to the room thermostat set point, etc.

When the Transmitter batteries are low, a Battery icon will appear on the LCD display of the Transmitter (Figure L) before all battery power is lost. When the batteries are replaced, this icon will disappear.

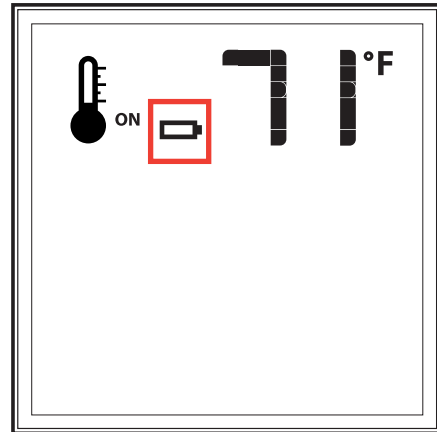


Figure L

M. USING THE FIREPLACE WITHOUT A REMOTE CONTROL

Remove the decorative front and outer surround to access the module. With the ON/OFF rocker switch in the ON position, press with SW1 button on the module. The module will beep 3 times to indicate that it is ready to synchronize with a remote. If no remote is found, the module will enter Manual Mode and the flame and pilot will light. The insert can now be turned ON and OFF with the rocker switch. To enter Remote Mode again, follow the initialization sequence in Figure C.

N. BATTERY BACKUP OPERATION

To operate the insert on Battery Backup, remove the decorative front and outer surround to access the module. Locate the battery holder and install 4 AA batteries into it. The insert will now operate without flame level adjustment or fan.

LOW BATTERY DETECTION MODULE

When the module batteries are low, a double-beep will be emitted when it receives an ON/OFF command. No more commands will be accepted until the batteries are changed or the insert is plugged in.