

GAS CONTROL MODULE SYSTEM

The module has 2 special features built into the system.

Continuous Pilot Feature

This allows the change from a spark to pilot system to a standing pilot system

1. There is a switch located on the right side of the module that reads CONTINUOUS PILOT ON/OFF. This switch selects the pilot's mode of operation (Figure 40).
2. When the continuous pilot switch is in the OFF position and the appliance rocker switch is turned ON, the pilot will spark and light. When the appliance rocker switch is turned OFF, the pilot will shut OFF when the main burner shuts OFF.
3. When the continuous pilot switch is in the ON position and the appliance rocker switch is turned ON, the pilot will spark and light. When the appliance rocker switch is turned OFF, the pilot will stay ON when the main burner shuts OFF.

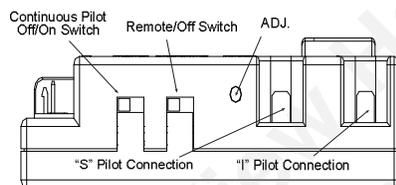


Figure 40 - Gas Module Right Side

Remote Control Feature

The module has a built in remote control receiver that allows the user to program the remote transmitter at any time during or after the installation of the burner.

1. There is a switch located on the right side of the module that reads REMOTE/OFF (Figure 41).
2. When the remote/off switch is in the OFF position, the burner will operate from the rocker switch or wall switch connected to the two BROWN wires on the module.

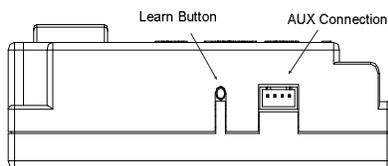


Figure 41 - Gas Module Left Side

3. When the remote/off is in the REMOTE position the burner will operate from the Remote Control transmitter.

NOTE: The module must be programmed to the Remote Control transmitter.

- To program the module (make sure the system has power), locate the learn button on left side as shown in Figure 41. Press and release the learn button. There will be a beep sound from the module. Then press any button on the remote transmitter. Once the module's internal receiver accepts the transmitter code, there will be a series of confirming beeps.
- The remote system is ready for use.

NOTE: Make sure the valve module and light module are plugged into the electric duct assembly.

BATTERY BACK-UP

This fireplace is equipped with a battery back-up. If the power was to go out on the fireplace, the battery back-up allows the fireplace to remain operational. Make sure to periodically check the condition of the four AA batteries used for the battery back-up.

REMOTE CONTROL OPERATION

This remote control system was developed to provide a safe, reliable, and user-friendly remote control system. The system can be operated manually from the transmitter.

The transmitter operates with (4) AAA 1.5V batteries that are included. Install the batteries supplied with the unit into the battery compartment. It is recommended that ALKALINE batteries always be used for this product. **Be sure the batteries are installed with the (+) and (-) ends facing the correct direction.**

When you start up the remote, if a low battery signal appears or if the LCD screen does not illuminate when you touch it, check battery position and if the batteries are fully charged.

REMOTE CONTROL OPERATION

Continued

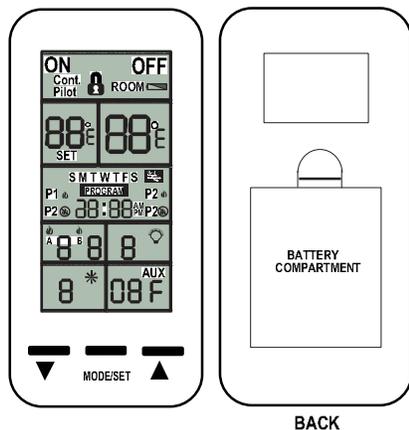


Figure 42 - Remote Control Battery Compartment

TOUCH SCREEN LCD AND BUTTON LAYOUT

Functional Description

Note: All function adjustments will be automatically accepted 15- seconds after pressing a given touch zone or button. The user may press the MODE/SET button to immediately accept the adjustment manually.

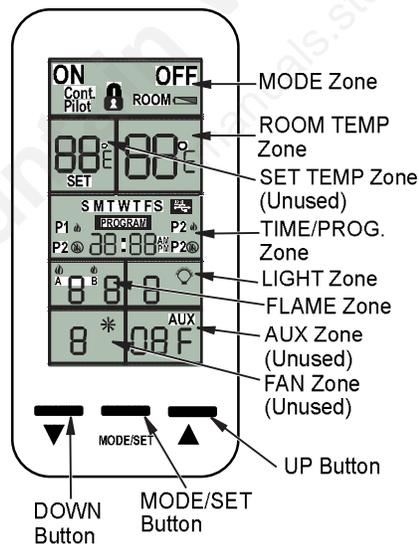


Figure 43 - Touch Screen Settings

Day and Time Display

- The current day of week and time of day will be continuously displayed in the TIME/PROG Zone (except during Setup operations).
- The day of week will be displayed as one of the following: S, M, T, W, T, F, S
- The time of day will be in 12-hour AM, 12-hour PM format. Midnight will be displayed as 12:00am.
- Day/Time Setup:
 - Press and hold the MODE Zone or the MODE/SET Button for 5 seconds to enter Day/Time Setup.
 - Press the UP or DOWN Buttons to adjust the day of week (press the MODE/SET Button or wait for 15 seconds for adjustment to be accepted, then enter hour of day adjustment).
 - Press the UP or DOWN Buttons to adjust the hour of the day. The time will advance in 1-hour increments; AM and PM will change when the hour advances to 12:00 midnight and 12:00 noon respectively (press the MODE/SET Button or wait for 15 seconds for adjustment to be accepted, then enter minute of hour adjustment).
 - Press the UP or DOWN Buttons to adjust the minute of the hour. The time will advance in 1-minute increments (press the MODE/SET Button or wait for 15 seconds and the transmitter will exit Day/Time Setup and return to normal operation).
- LCD Displays – when in Day/Time Setup:
 - MODE Zone: Blank
 - ROOM TEMP Zone: Blank
 - SET TEMP Zone: Blank
 - LIGHT Zone: Blank
 - FAN Zone: Blank
 - TIME/PROG Zone: Day of Week, or Time of Day will Flash
 - AUX Zone: Blank
 - FLAME Zone: Blank
- Temperatures may be displayed in degrees F (factory default) or degrees C. Press the up and down buttons simultaneously to change between degrees F. and C.

REMOTE CONTROL OPERATION

Continued

MODES OF OPERATION

Operation modes:

- MANUAL OFF
- MANUAL ON

The modes may be cycled in the order above by pressing the MODE Zone or the MODE/SET Button.

MANUAL OFF MODE

- Transmits flame OFF command.
- LCD Displays:
 - MODE Zone: OFF is displayed
 - ROOM TEMP Zone: Measured temperature is displayed
 - SET TEMP Zone: Blank
 - LIGHT Zone: LIGHT and light setting level is displayed
 - FAN Zone: Blank
 - TIME/PROG Zone: Current day indicator and current time is displayed
 - AUX Zone: Blank (AUX function is omitted on this control)
 - FLAME Zone: Blank

MANUAL ON MODE:

- Transmits flame ON command
- LCD Displays:
 - MODE Zone: ON is displayed
 - ROOM TEMP Zone: Measured temperature is displayed
 - SET TEMP Zone: Blank
 - LIGHT Zone: LIGHT and light setting level is displayed
 - FAN Zone: FAN and fan setting level is unused
 - TIME/PROG Zone: Current day indicator and current time is displayed
 - AUX Zone: Blank (AUX function is omitted on this control)
 - FLAME Zone: A&B Flame Icons and flame setting level numbers are displayed

FLAME - A (OR MAIN) ADJUSTMENT

- Transmits a flame height setting command to the control module to adjust the Flame-A height.
- Available settings are 1-7 with a factory default of 7. If the Flame-A setting is

changed during operation (either manually or automatically), the control will remember and use the adjusted setting on subsequent manual ON cycles (Flame-A setting memory).

- While in MANUAL ON, or PROGRAM ON modes, press the FLAME Zone to enter Flame-A Adjustment, then press the UP or DOWN buttons to raise and lower the flame; press the MODE/SET Button or wait for 15 seconds to accept the new setting.
- LCD Display: When setting the Flame-A height, the Flame-A icon, and Flame-A setting number will flash in the FLAME Zone.

LIGHT ADJUSTMENT

- Transmits a light setting command to the control module to adjust the light output level.
- Available settings are 0 (off) – 6 with a factory default of 0 (off).
- While in any mode of operation, press the LIGHT Zone to enter Light Adjustment, then press the UP or DOWN buttons to raise or lower the light output; press the MODE/SET Button or wait for 15 seconds to accept the new setting.
- LCD Displays:
 - When raising or lowering the light output level with the UP or DOWN buttons, the light icon and light setting number will flash in the LIGHT Zone.

CONTINUOUS PILOT OPERATION

- To activate or deactivate the Continuous Pilot Feature, press and hold the MODE/SET and UP Buttons simultaneously for 5 seconds.
- LCD Display: When activated, CONT. PILOT will be displayed in the MODE Zone.

CHILD-LOCK OPERATION

- Child-Lock operation prevents any user input to the transmitter. No mode of operation or feature may be adjusted when Child-Lock is activated. All automatic functions will continue normally.
- To activate or deactivate the Child-Lock feature, press and hold the MODE/SET and DOWN Buttons simultaneously for 5 seconds.

REMOTE CONTROL OPERATION

Continued

- LCD Displays:
 - When activated, the LOCK icon will appear in the MODE Zone.
 - If any touch-zone or button is pressed when activated, the LCD backlight will illuminate and the LOCK icon will flash for 5 seconds in the MODE Zone.
- When the buttons are released, the control will immediately return to MANUAL OFF mode.
- LCD Display:
 - When the Sensor Safety Override feature is activated, CONT. PILOT will flash on the LCD screen.

SENSOR SAFETY OVERRIDE

- Will only operate if the control is in MANUAL OFF mode.
- Press and hold the FLAME Zone and the UP Button simultaneously activate the sensor safety override feature.
- The module will ignore any sensor faults, continually emit an igniter spark, and energize the PILOT operator output.

COMMUNICATION SAFETY

- In manual ON and program modes of operation, the transmitter will send a communication safety transmission every 15 - minutes. This signal is further processed by the ignition control module to verify the transmitter is communicating properly.

SPECIFICATIONS

VENICELIGHTS43TEN

- Rating: 41,000/26,000 Btu/hr
- Gas Type: Natural Gas Only
- Ignition: Electronic
- Manifold Pressure: 3.5" w.c.
- Minimum Inlet Supply Pressure: 5" w.c.
- Maximum Inlet Supply Pressure: 10.5" w.c.
- Orifice: #31

VENICELIGHTS43TEP

- Rating: 39,000/25,000 Btu/hr
- Gas Type: Propane/LP Gas Only
- Ignition: Electronic
- Manifold Pressure: 10" w.c.
- Minimum Inlet Supply Pressure: 11" w.c.
- Maximum Inlet Supply Pressure: 13" w.c.
- Orifice: #49

REPLACEMENT PARTS

Note: Use only original replacement parts. This will protect your warranty coverage for parts replaced under warranty.

Contact authorized dealers of this product. If they can't supply original replacement part(s), call INNOVATIVE HEARTH PRODUCTS at 1-800-655-2008.

When calling, have ready:

- your name
- your address
- model and serial numbers of your heater
- how heater was malfunctioning
- purchase date

Usually, we will ask you to return the part to the factory.

TECHNICAL SERVICE

You may have further questions about installation, operation, or troubleshooting. If so, contact INNOVATIVE HEARTH PRODUCTS at 1-800-655-2008. When calling please have your model and serial numbers of your heater ready.

You can also visit our web site at www.IHP.US.com.

SERVICE HINTS

When Gas Pressure Is Too Low

- pilot will not stay lit
- burners will have delayed ignition
- fireplace will not produce specified heat
- propane/LP gas supply might be low (propane/LP units only)

You may feel your gas pressure is too low. If so, contact your local gas supplier.