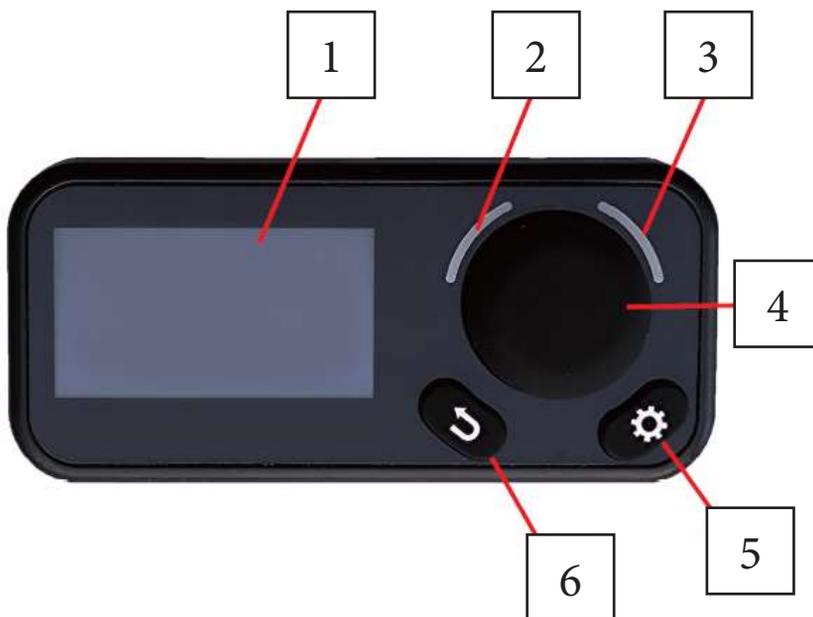


# P65D-X389 Operating Switch Instructions

This operating switch can be used to operate the P25A and P55A gasoline fired heaters. For Bluetooth operation, consult the separate Bluetooth instructions



## Display Panel



1	Display Screen
2 & 3	LED Indicator
4	Selector Knob
5	Set Button
6	Back Button

# P65D-X389 Operating Switch Instructions

## Home Display



Icon	Function
12:00:00	Current Time
	Variable Heat Mode
<b>P7</b> or <b>24°C</b>	Power Level or Temperature Setting
	The Heater Is “ON”
1:35	Remaining Heating Time (1 hour, 35 minutes)
	Bluetooth Connected
	Timer Function – Activated (Program # shown when in operation)

## Standby Mode Display

Use the Back Button to toggle between Home and Standby Mode Displays



**Note: Press and hold the SET button to make Standby Mode a blank screen. Press any button to reactivate the screen.**

# P65D-X389 Operating Switch Instructions

## Operation Mode Settings

Press Selector Knob to enter Operation Setting Mode

Rotate Selector Knob to select desired mode then press Selector Knob to activate

Rotate Selector Knob to adjust setting.

 <p>Variable Heat</p>	<p>Variable Heat Mode Rotate the Selector Knob to set desired power level 1-7 (Low to High). Heater will run continuously at this level.</p>
 <p>Thermostat</p>	<p>Thermostat Heat Mode Rotate the Selector Knob to set the desired cabin temperature 5°C – 35°C or 41°F to 95°F Heater will operate between various heat modes (Low to High) to maintain this target cabin temperature</p>
 <p>Ventilation</p>	<p>Ventilation Mode Rotate the Selector Knob to set desired power level 1-7 (Low to High). Heater will run continuously at this level.</p>
 <p>Timer</p>	<p>Timer Function See Timer Function section to setup timed start-up operation</p>

# P65D-X389 Operating Switch Instructions

## **ON / OFF Control:**

Establish desired operating mode (above)

Press and Hold the Selector Knob to switch ON or OFF



**Note:** OFF Icon is flashes during cool down phase.

## **System Settings:**

Press the Settings button to enter settings mode.

Rotate and Press the Selector Knob to navigate and adjust settings.

Use the Exit button to exit where necessary

### **Time & Date**

- Adjust and set times
- Press Exit button to exit.

### **Blue Tooth**

- On / Off

### **Sound**

- On / Off

### **Information**

- Heater
  - Product Version
  - Software Version
- Panel (Operating Switch)
  - Product Version
  - Software Version
- Air Pressure
  - Current Air Pressure
  - Current Ambient Temperature
- Run Time
  - Heater Run Time
  - Number of start-ups

### **Temperature Scale**

- Centigrade
- Fahrenheit

### **Language**

- English
- Chinese

# P65D-X389 Operating Switch Instructions

## **Fuel Pump Priming Function**

Upon completion of installation or repair it is possible to prime the fuel system.



Note: This should only be done under these circumstances to avoid flooding the combustion chamber.

Follow the Systems Settings instructions to navigate to Run Time (Under Information Menu)  
When run time is displayed, press and hold the Exit Button and Settings Buttons simultaneously to enter Fuel Priming Mode.

Press the Selector Knob to initiate fuel priming.

Fuel priming will commence for 90 seconds.

Press the Exit Button to stop fuel priming function.

## **Fault Codes:**



If the heater's ECU detects a problem, a Fault Code and error message will be displayed on the screen. Consult the Fault Code's section in the manual for details.

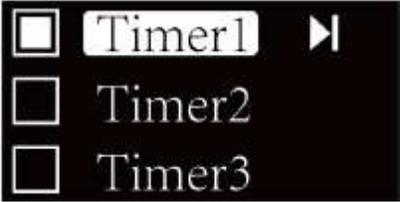
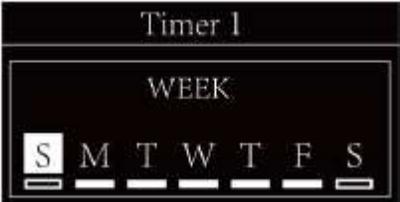
# P65D-X389 Operating Switch Instructions

## Timer Function:

The operating switch has the capability of controlling heater operation through a programmed function. This allows the operating to start and stop the heater at desired schedule while also controlling the operation mode.

Press Selector Knob to enter Operation Setting Mode

Rotate Selector Knob to select Timer Function mode then press Selector Knob to enter a Timer Function Settings Mode

	<p>Select one of three Program Schedules by rotating selector knob Pressing the selector knob to <b>activate</b> or <b>deactivate</b> selected Program Schedule</p>
	<p>Rotate and press selector knob to Enter the settings for each Program Schedule</p> 
	<p>Establish the desired days of the week. Empty rectangle = activated day Solid rectangle = non-activated day</p>
	<p>Rotate selector knob to Time Setting. Set desired start time Set desired duration (run time)</p>

# P65D-X389 Operating Switch Instructions

	<p>Rotate selector knob to MODE. Set desired operating mode Set desired heat level</p>
<p><b>OK</b></p>	<p>Rotate selector knob to select "OK" Press selector knob to activate this current Program Schedule.</p>
	<p>Use "Back" button to return to home screen.  Note: The Timer icon will be displayed to indicate that there is a Program Schedule activated.</p>

# P65D-X389 Operating Switch Instructions

## **Installation:**

Establish a suitable mounting location for the operating switch.

It should be mounted on a smooth, clean surface and in a location that is easily visible and accessible to the operator.



Pry off back cover.

Drill two 1.5mm (1/16") diameter mounting holes 40mm (1.57") apart (Use plate as a template)

Drill cable access 8mm (5/16") diameter hole in the panel between these two mounting holes.

Secure back cover to panel using self tapping screws provided.

Route switch harness through access hole and connect to circuit board inside top cover.

Reassemble top cover to back cover.