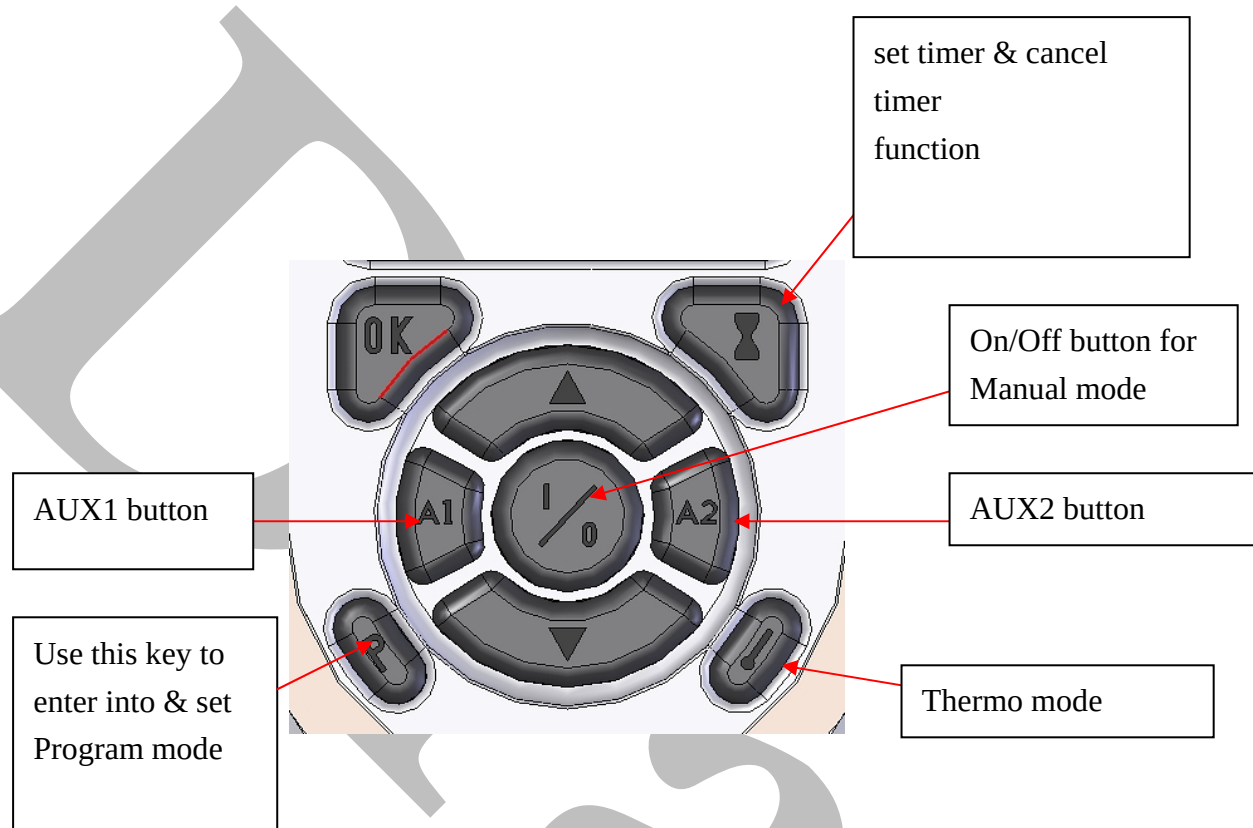


Function Description

- Button



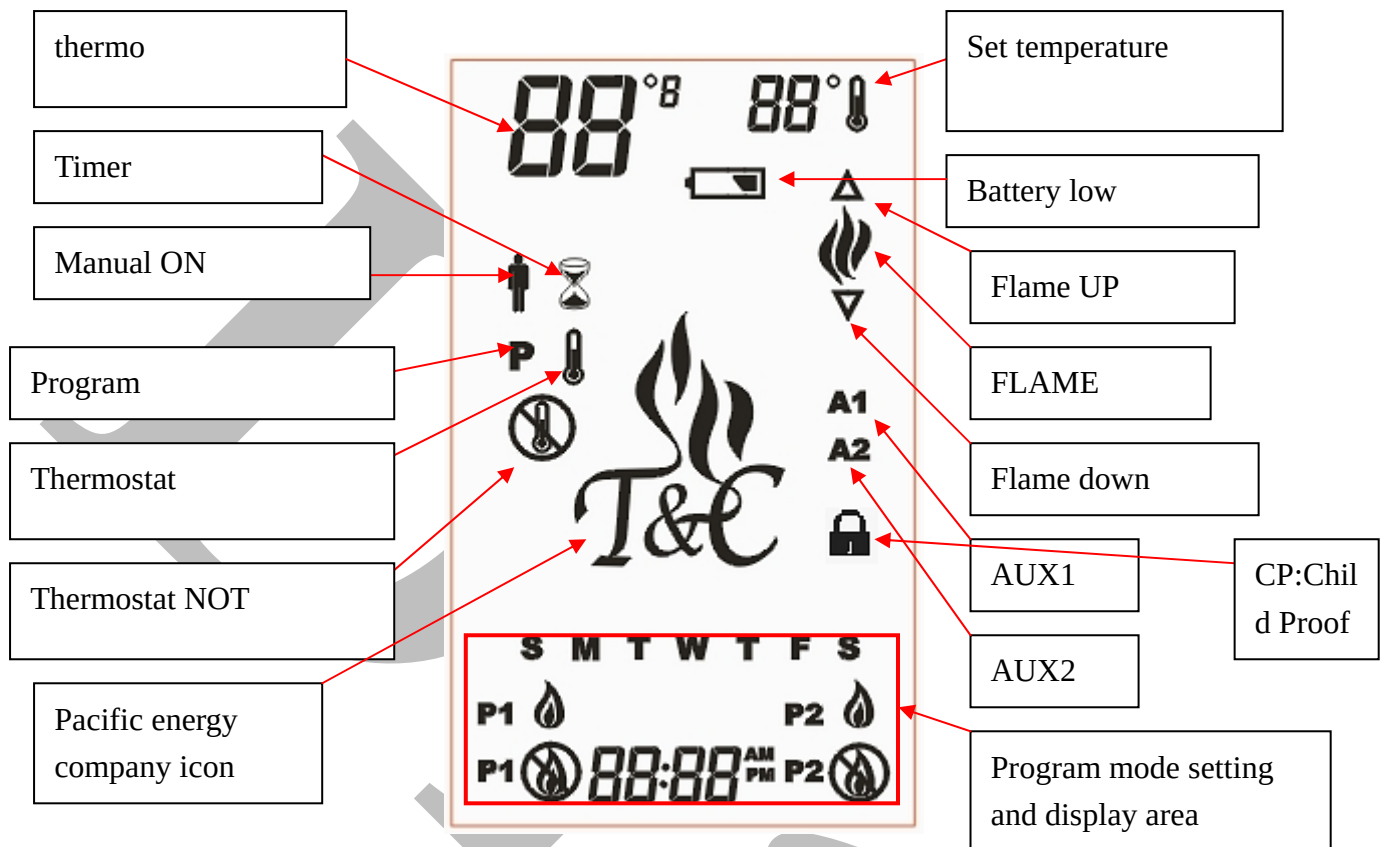
A long push (5 seconds) of A1 & A2 buttons at the same time will start the Initial Set-up. At this time, a separate push for A1 & A2 buttons does not light any operations on the LCD.

A short push of P button will enter into PROGRAM mode.

A long push (5 seconds) of P button will enter into the setting for PROGRAM mode.

*A long push (5 seconds) of TIMER & THERMO mode at the same time will activate or de-activate the CP feature.

● LCD icon:



Set Temperature: This will ONLY appear when the THERMOSTAT is activated

- *Timer: Timer Mode will appear and activate the Timer.*
- *Manual ON: When manual ON, the MAN Icon will appear and when manual OFF the MAN icon will be eliminated*
- *Program Mode: This icon will appear when the program is working*
- *Thermostat : This icon will appear only when the Thermostatic Function is operating the fireplace.*
- *Thermostat NOT : This icon will ONLY appear(for 5 seconds) on the LCD screen when the Thermostatic function has been de-activated and someone will try to push the Thermostatic function button of the transmitter. This will show the user the thermostatic function is de-activated.*

Notes:

The range for the room temperature readout is 32-99 degree F.

The room temperature always displays on the LCD.

The range for set temperature is 45- 99 90 degree F.

The High Limit temperature for PROGRAM mode is 90 degree F.

This High Limit temperature can not be changed by the users and

Will only activate under PROGRAM mode. There is no High

Limit temp for MANUAL & THERMO modes.

A small digital LCD display showing the number '88' followed by a degree symbol and the letter 'F'.

The room temperature () always displays on the LCD

A small rectangular indicator with the text 'A1' inside.A small rectangular indicator with the text 'A2' inside.

The AUX1 and AUX 2 () do not light any operations on the LCD at this time.

NOTE: Very Important to note

Only one function can be going on at one time. You will have only one operation at a time going on with this system. The pressing of one of the function buttons will stop the operation that is going on with the fireplace and start the new function.

Definition of Functions: Timer, Manual ON/OFF, Thermostat, and Program.

Timer” is considered an independent function.

The users are unable to set “Timer” function under Manual & Thermo modes.

The users can adjust the Flame (operate the motor drive) under Manual ON, THERMO, TIMER & PROGRAM modes.

SWING:

Pacific Energy after discussion would like to have the following in the swing without the user having the ability to adjust this swing in any way.

- ***Above the Room Temperature 1degree F and .5 degree C, 1 degree swing above***
- ***Below the Room Temperature 2 degree F and 1 degree C, 2 degree swing down***

THESE SETTING CANNOT BE CHANGED, IT IS SET AT THE FACTORY AND IN THE PROGRAM.

It is not necessary to display SWING on the LCD..

The FLAME icon will be ON all the time the flame in the fireplace is ON, whether it is under Manual ON, TIMER, THERMOSTAT or PROGRAM modes.

The UP arrow will appear on the LCD when the motor drive is to be moving into the higher flame picture. Once the activation of the flame height is stopped, the UP icon on the LCD will disappear.

The DOWN arrow will appear on the LCD when the motor drive is to be moving into the Lower flame picture. Once the activation of the flame height is stopped, the DOWN icon on the LCD will disappear.

Operation Matrix

Initial Set up: Push AUX 1 & AUX 2 buttons together for more than 5 seconds to start the process.

✓

C/F conversion: Use UP or DOWN key to choose Celsius or Fahrenheit, then press OK to enter “TIME”.

Setting.

Use UP or DOWN key to set HOUR, then press OK to enter “Minute” setting.

Use UP or DOWN key to set “Minute”, then press OK To enter AM/PM setting.

Use UP or DOWN key to set AM/PM, the press OK to Enter “DAY” setting.

Use UP or DOWN keys to set correct DAY, then press OK to finish the initial set up.

The users must use OK button to confirm and enter into next setting.

The icons will keep on flashing even though no button is pushed for more 5 seconds. H’ever, if no buttons is pushed for more than 2 minutes, the system will automatically confirm the completion of the process and the LCD will go back to Normal readouts.

Temperature swing:. *This is factory set and can not be changed at all.*

Manual Mode: Push  for manual ON, OFF.

ON: The “man” () ICON will appear

And the FLAME icon will appear too.

OFF: The man () ICON will disappear and

The FLAME icon will disappear too.

Flame modulation: The flame can only be modulated when the system is ON. The flame can be ON from the Manual, Timer, Thermostat and Program modes. The FLAME icon should be on all the time the flame in the fireplace is ON, whether it is operated in Manual, Timer, Thermostat or Program modes.

The UP arrow will appear on the LCD when the motor drive is to be moving into the higher flame picture. Once the activation of the flame height is stopped, the UP icon on the LCD will disappear.

The DOWN arrow will appear on the LCD when the motor drive is to be moving into the Lower flame picture. Once the activation of the flame height is stopped, the DOWN icon on the LCD will disappear.

Push  (UP) button to operate flame motor drive UP. When this key is pushed, the UP icon will appear. The UP icon will disappear once the activation of the flame height is stopped (when the button is released.)

Push  (DOWN) button to operate flame motor drive DOWN. When this key is pushed, the DOWN icon will appear. The DOWN icon will disappear once the activation of the flame height is stopped (when the button is released).

.Timer function: Once this is selected, the timer () icon will be on the screen and the clock will flash “30” minutes as the start point. But the users still can go down to 10 minutes and up to 180 minutes. The 10-minute segments remains unchanged.

By pushing  (TIMER) button, You can set TIMER or cancel TIMER function.

You use  (DOWN) or  (UP) button to set your desired TIMER.

- ✓ The range of TIMER is from 10 minutes to three hours or 180 minutes, in 10 minute segments.

- ✓ **IMPORTANT:** Once the timing range is set, the user **MUST**

push  (OK) button to activate the Timer. IF THE “OK” BUTTON IS NOT PUSHED, THE ORIGINAL FUNCTION WILL CONTINUE TO OPERATE. In another words, Pacific Energy would like to have the user too push the OK button to change the function.

The clock will start the countdown right after the completion of the

TIMER setting. At this time, if the  (TIMER) button is pushed again, the TIMER function will be canceled. You’ ll have to push the TIMER button again if you want to use the TIMER function again.

.Thermo mode:



Selection of (THERMO) button will light the temperature

ICON and will light the smaller set of numbers ()

The SET area should flash to 5 seconds and during this period of time the UP and Down arrows will operated the Set Temperature to the correct setting. Once the correct temperature is obtained, the temperature will continue to flash for 5 seconds and then it will stop flashing (This means the SET process is completed.) The user will not have to operate the “OK” button to set the temperature. But if the OK button is pushed, it also completes the process for setting temperature.



You can use (DOWN) or  (UP) buttons to obtain the desired temperature. Then you can either let the set area flash for 5 seconds or push the OK button to complete this process.

We should be able to operate the UP and DOWN arrows will direct the motor drive ONLY after the 5 seconds of flashing.

On the backside of the TX, there is an unmarked recessed button, you can completely turn off the THERMOSTATIC function of this remote by pushing this recessed button.

This recessed button has sequence of events to turn on & off The THERMOSTATIC function.

The “THERMOSTAT NOT” icon on the LCD screen will appear for 5 seoncs only when the THERMOSTATIC function is completed turned off.

This “THERMOSTAT NOT icon will light for 5 seoncs if the THERMO button on the front of the TX is pushed.

In another words, this “THERMOSTAT NOT” icon will NOT appear all the time.

• Program mode:

A short push of  (PROGRAM) button will select/operate the PROGRAM mode. A long push (push & hold for more than 5 seconds)

of  button will enter into the Setting of PROGRAM mode.

Following are the Factory setting for the PROGRAM mode:

MTWTF	Segment 1(P1)On - 7:00am	Off	8:00am
	Segment 2(P2)On 5:00pm	Off	7:00pm
S S	Segment 1(P1)On 9:00am	Off	10:00am
	Segment 2(P2)On 6:00pm	Off	9:00pm

Push & hold  button for more than 2 seconds to enter the setting for program mode:

M T W T F & **P1**  & **88:88** **AM PM** on LCD

will flash, then you can use  or  to change

the setting of “P1 ON” . Then you push **OK** () button to enter into next setting.

M T W T F & **P1**  & **88:88** **AM PM** on LCD will

flash, then you can use  or  to change the setting of “P1 OFF” . Then, push **OK** button to enter into

next setting.

M T W T F & **P2**  & **88:88** ^{AM}_{PM} | will flash.

Then use  or  to change the setting of “P2 ON” . Then, use **OK** button to enter into next setting.

M T W T F & **P2**  & **88:88** ^{AM}_{PM} | will flash.

Then use  or  to change the setting of “P2 OFF” . Then, push **OK** button to enter into next setting.

SS & **P1**  & **88:88** ^{AM}_{PM} | on the LCD will flash.

You can use  or  to change the setting of “P1 OFF” . Then, push **OK** button to enter into next setting.

SS & **P1**  & **88:88** ^{AM}_{PM} | on the LCD will flash.

You can use  or  to change the setting of “P1 OFF” . Then you push **OK** button to enter into next setting.

SS & **P2**  & **88:88** ^{AM}_{PM} | on the LCD will flash.

You can use  or  to change the setting of “P2 ON”. Then, you use **OK** button to enter next setting.

SS & **P2**  & **88:88** ^{AM}_{PM} | on the LCD will flash.

You can use  or  to change the setting of “P2 OFF”. Then, you use **OK** button to finish the setting.

.CP (CHILD PROOF):

*This feature is to be activated/de-activated by push TIMER/THERMO keys at the Same time for more than 5 seconds..

*When this feature is activated, the LOCK icon will appear for 5 seconds and then disappear. This LOCK icon will appear for 5 seconds again and then disappear if any of the buttons of the TX is pushed. This tells the users that the TX is LOCKED.

FCC Notice

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.