

# GENERAL PROGRAMMING INFORMATION

## THE LED DISPLAY

The display, while improved, is still limited to 4 characters and 14 segments per character. This is not always enough to exactly represent the message presented. If you find you do not understand a message, consult the Display Messages section of this manual.

The controller may be programmed in either Celsius or Fahrenheit. It is very important to know which temperature scale it is using. If there is a LED illuminated in the lower right hand corner of the display, the temperature scale is set to Celsius. Refer to the MENU section of this manual to change scales if necessary.

When prompted to enter time values, there will be an LED illuminated in the lower center portion of the display. We refer to this as a decimal point. Everything to the left of the decimal will be hours and everything to the right will be minutes.

## IDLE MODE

When the kiln is flashing IdLE alternately with the current temperature of the kiln chamber we refer to the controller as being in Idle Mode. This simply means that the kiln is ready to be programmed. To return to Idle mode you may press STOP at any time. If controller is programmed for Zone Control, the display will also show current thermocouple being read.

## START/STOP/ENTER

The START key begins the program which is currently loaded in memory. It may only be accessed when the kiln is in Idle Mode. The STOP key will turn off the kiln at any point of a program. It may also be used to return to Idle Mode in the middle of entering a program. ENTER must be pressed after entering any time, temperature or programming speed. ENTER is also used to turn an Alarm off that has sounded during a firing.

## DELAY

The Delay feature allows you to program, the kiln to automatically start at a future time. This feature is primarily used to take advantage of better off-peak electric rates or to time the shutoff of the kiln for a time that is convenient for you to be there. It can be set for a Ramp Hold Mode or Cone Fire Mode program and can be accessed only after the program has been entered and the controller is in Idle Mode. You can enter a delay time up to 99 hours and 99 minutes.

From Idle Mode, press **DELAY**  
Input **Delay time in hours and minutes**, then press **ENTER**

When START is pressed to begin the program, the time entered for the delay will reappear on the screen and begin counting down. When it reaches 00.00 the kiln will start the program currently loaded. **The Delay time will stay in memory until it is cleared.** To clear it, follow the instructions for entering a Delay and enter 00.00 for the Delay time.

