

## Looking Through The Firing Or STEPping Through The Programme



(1) Press STEP



(2) Programme number flashes



(3) Change programme number (32 in total) by pressing either up or down arrow key.



(4) Pressing the STEP key again will progress us to the heating ramp or how fast the temperature rises in degrees centigrade per hour (°C/hr). To change the value press the up or down arrow.



(5) Pressing the STEP key again will progress us to the target temperature, in this case 700°C. To change the value press the up or down arrow.



(6) Pressing the STEP key again will progress us to the soak at temperature or hold at temperature, in this case no hold or (00 hrs .00mins)



(7) Pressing the STEP key again will progress us to segment 2 or the second ramp, heating ramp or how fast the temperature rises in degrees centigrade per hour (°C/hr). To change the value press the up or down arrow.



(8) Pressing the STEP key again will progress us to the target temperature, in this case 1000°C. To change the value press the up or down arrow.



(9) Pressing the STEP key again will progress us to the soak at temperature or hold at temperature, in this case no hold or 20 minutes (00 hrs : 20mins)



(10) Pressing the STEP key again will progress us to end or natural cool. If more segments are needed then press the up arrow and segment 3 will become available for value inputs.



(11) At this stage instead of END you can "ask" / bully the controller into giving you another segments simply by pressing the UP arrow key. This then will ask you how fast would you like to go.



(11) To start the kiln simply press the start / stop key.



(12) To add a DELAY before start you must press the Start/Stop key and then press the UP key to give you a delay time. To understand the hr:mins delay if you wanted the kiln to start in 1hr and 59 minutes then press the up arrow till you get 01:59 in the window. To start immediately just leave 00:00 in the window

#### Good practise.

Once the the firing has been entered and the kiln loaded, double check the firing cycle by STEPing through the values. The forward or back arrow can be used to do this.

NB It is always good practice to STEP through the program before pressing start, as "interested fingers" may have changed values.

#### CERAMICS

##### Slow bisc

50°C/hr to 700°C  
80°C/hr to 1000°C  
00:20 mins soak

##### Normal bisc

80°C/hr to 700°C  
100°C/hr to 1000°C  
00:20 mins soak

##### Glaze Earthenware 1080°C

120°C/hr to 960°C  
80°C/hr to 1060°C  
00:20 mins soak

##### Glaze Stoneware 1240°C

120°C/hr to 1140°C  
80°C/hr to 1240°C  
00:20 mins soak

#### GLASS FIRING

350°C/hr to 650°C 00:00mins soak  
FULL°C/hr to 835°C 00:20mins soak  
FULL°C/hr down to to 580°C 00:20mins soak  
60°C/hr to 480°C 00:20mins soak  
100°C/hr to 100°C 00:00