HONEYWELL UDC2500 KEYS

A. Changing the Set Point

1. Press until Upper Display shows the PV Value and the Lower Display shows SP.
2. Press or to change the set point.
3. Press to accept the change.

B. Running a Profile (If Applicable)

For information on how to configure a profile, refer to UDC2500 User Manual, pages 118-124.

1. Press to start a profile. “R” displays in Upper Display to indicate a profile is running.

C. To Hold a Profile (If Applicable)

1. Press to hold a profile. “H” displays in Upper Display to indicate a profile is held at the current set point.
D. **DTS TIMER CONFIGURATION**

1. Press \( \text{Setup} \) until \( \text{ALGOR} \) is shown on the lower display.

2. Press \( \text{Function} \) until \( \text{TIMER} \) is shown on the lower display. Press \( \uparrow \) or \( \downarrow \) to enable (\( \text{ENAB} \)) or disable (\( \text{DIS} \)) the timer.

3. Press \( \text{Function} \) until \( \text{PERIOD} \) is shown on the lower display. Press \( \uparrow \) or \( \downarrow \) to set the length of the time period. Range is from 00.01 to 99.59 mins/sec.
   
a. To set the time period to hrs/min, press \( \text{Function} \) until \( \text{INCRMT} \) is shown on lower display. Press \( \uparrow \) or \( \downarrow \) to change from mins/sec (\( \text{SEC} \)) to hrs/min (\( \text{MIN} \)).

4. Press \( \text{Function} \) until \( \text{START} \) is shown on the lower display. Press \( \uparrow \) or \( \downarrow \) to select either alarm start (\( \text{AL2} \)) or keyboard start (\( \text{KEY} \)).

5. Press \( \text{Function} \) until \( \text{L DISP} \) is shown on the lower display. Press \( \uparrow \) or \( \downarrow \) to select whether to display remaining time (\( \text{TREM} \)) or elapsed time (\( \text{ET} \)).

6. Press \( \text{Function} \) until \( \text{RESET} \) is shown on the lower display. Press \( \uparrow \) or \( \downarrow \) to select to reset timer when \( \text{Run Hold} \) is pressed (\( \text{KEY} \)).

7. Press \( \text{Lower Display} \) to return to **MAIN MENU**.
E. **DTS TIMER OPERATION**

1. To Start Timer:
   a. If **START** is set to **AL2**, timer starts when the oven reaches the set point temperature. Make sure **AL2** is configured under **ALARM** menu as follows: **A2S1TY** set to **DE**, **A2S1VA** set to **0.01**, and **A2S1HL** set to **HIGH**.
   b. If **START** is set to **KEY**, timer starts when **Run Hold** is pressed.

2. At the end of set time, Alarm Output 1 is activated.

3. Timer can only be reset after the timer has timed out. To reset timer, press **Run Hold**. Operation resets to Step 1.

4. To abort timer operation, press **Function** until **TIMER** is shown on the lower display. Press **Run Hold** or **Run Hold** to disable (DIS) the timer.

F. **PERFORMING ACCUTUNE**

1. Press **Setup** until **ATUNE** is shown on the lower display.

2. Press **Function** until **TUNE** is shown on the lower display. Press **Run Hold** to enable Accutune (**TUNE**).

3. Press **Lower Display** to return to **MAIN MENU**.

4. Set the controller to the desired set point.

5. Press **Lower Display** to return until **No TUNE** is shown on the lower display. Press **Run Hold** until **DoFast** is shown on the lower display.

6. Press **Lower Display** to return to **MAIN MENU**. Upper display will flash **TUNE** as long as Accutune is in process. Once complete, lower display will show **NoTUNE** and PID values will be filled in under **TUNING** menu.