ET2000e

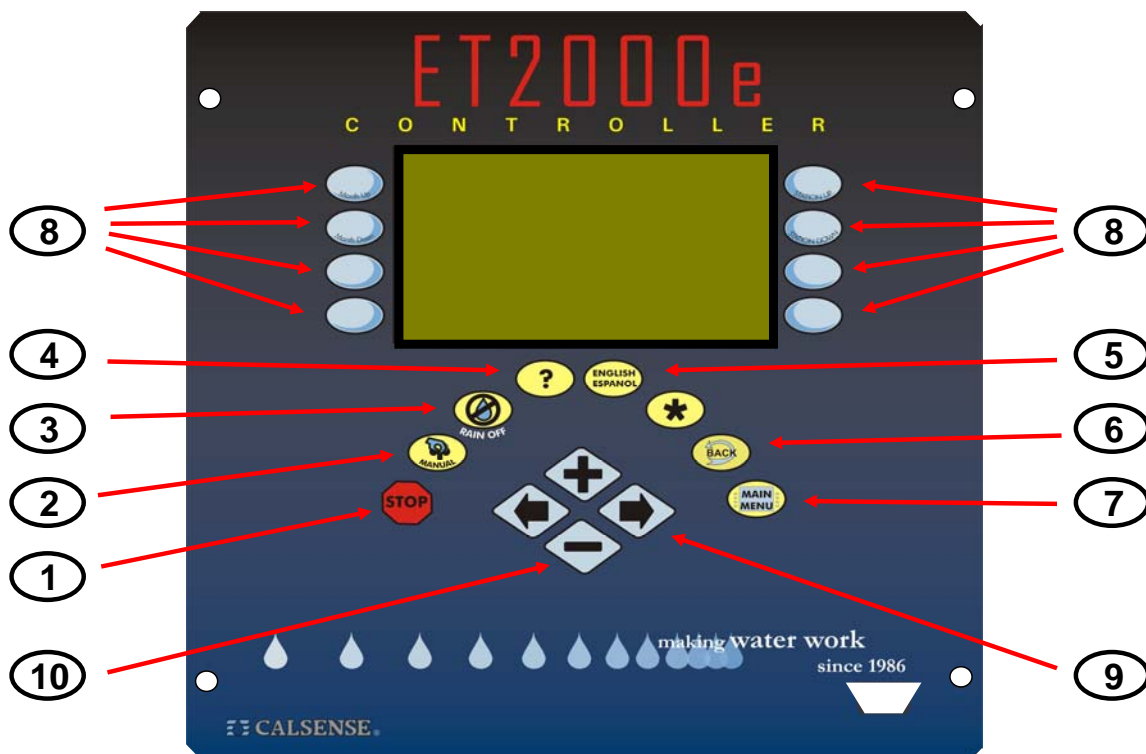### 💧 ET2000e QUICK SETUP GUIDE

1 STOP – The STOP key will stop any currently running Scheduled watering Cycle, Manual Cycle, Test Cycle, Manual Programs.

2 MANUAL – The MANUAL key will perform Manual Water, Test, Master Valve Override and Manual Program 1 & 2, Walk-thru, and Use Hold-over.

3 NO WATER / RAIN OFF – The NO WATER / RAIN OFF key will turn the controller Off and set No Water Days.

4 ? – The ? key is used to access the controller Help screens.

5 ENGLISH / ESPANOL – The ENGLISH / ESPANOL key allows you to toggle the displayed text between English and Spanish.

6 BACK – The BACK key will go back to the previous screen.

7 MAIN MENU – The MAIN MENU key is used to access the different program features of the controller.

8 MENU KEYS – MENU keys select the different features of commands in the different screens and are adjacent to the left and right side of the controller's display screen. The text in the screen will point towards the MENU key that needs to be pressed.

9 LEFT / RIGHT ARROW KEYS – The LEFT / RIGHT ARROW keys move the highlighted cursor around the different screens when setting up or editing the controller's features and options.

10 PLUS / MINUS KEYS – The PLUS / MINUS keys increase or decrease values or answer Yes or No questions in the different screens.

💧 *Set Date & Time*

Before you set up anything else in the controller, you will have to set the time and date for the time zone that you are in.

1. (MAIN MENU) Press the **MAIN MENU** key.

2. (key) Press the Menu key next to :
        SETUP

3. (key) Press the Menu key next to:
        DATE AND TIME.
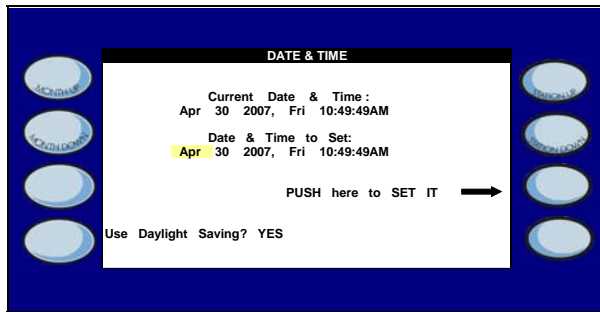
The **DATE AND TIME** screen will appear (Figure 1).

```
                    DATE & TIME
            Current Date & Time :
        Apr 30 2007, Fri 10:49:49AM
            Date & Time to Set:
        Apr 30 2007, Fri 10:49:49AM

                    PUSH here to SET IT  →

        Use Daylight Saving? YES
```

Figure 1

4. (arrow keys) Press the blue **ARROW** keys to highlight the item to be changed.

5   (arrow keys) Press the **PLUS** or **MINUS** keys to change the highlighted items.

6. (key) Press the Menu key next to:
        PUSH HERE TO SET IT, this will complete the change.

7. (BACK) Press the **BACK** key three (3) times to return to the STATUS screen.

💧 *Controller Status Screen*

The first screen to appear when a new controller is powered up for the first time is the **CONTROLLER STATUS** Screen (Figure 2).
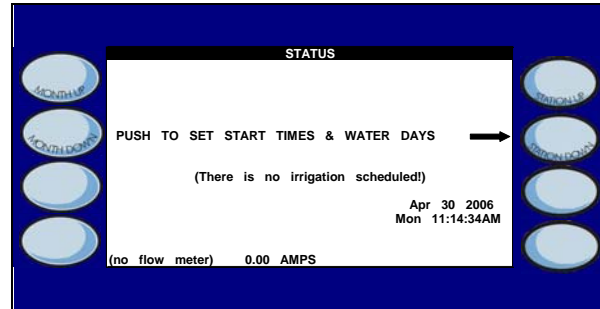
```
                    STATUS

        PUSH TO SET START TIMES & WATER DAYS  →

            (There is no irrigation scheduled!)

                            Apr 30 2006
                            Mon 11:14:34AM

        (no flow meter)      0.00 AMPS
```

Figure 2

1. (key) Press the **PUSH TO SET START TIMES & WATER DAYS** Menu key. This will take you to the next screen.

💧 *Start Times and Water Days*

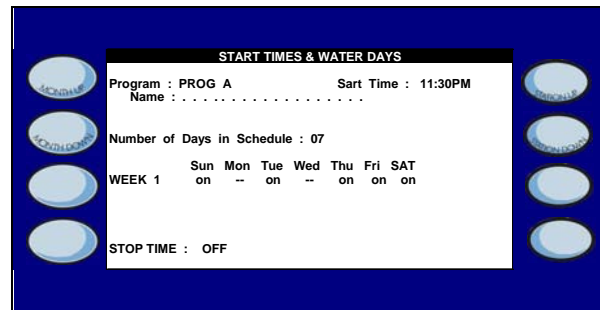The **START TIMES AND WATER DAYS** screen will appear (Figure 3).

```
                START TIMES & WATER DAYS
        Program : PROG A          Sart Time : 11:30PM
          Name : . . . . . . . . . . . . . . . . . .

        Number of Days in Schedule : 07

                Sun Mon Tue Wed Thu Fri SAT
        WEEK 1   on  --  on  --  on  on  on

        STOP TIME :  OFF
```

Figure 3

1. (arrow keys) Press the blue **ARROW** keys to highlight PROGRAM.

2. (arrow keys) Press the **PLUS** or **MINUS** keys to select the desired Program.

3. (arrow keys) Press the blue **ARROW** keys to highlight START TIME.

4.   Press the **PLUS** or **MINUS** keys to select the desired start time.

5.   Use the same method in steps three (3) and four (4) to change or enter the following:

- **Program Name:** Used to select a description for the program.
- **Number of days in Schedule:** (This can be changed to 7, 14, 21, or a 28 day schedule).
- **- - :** Turn ON or OFF days of the week.

6.   Press the **TO SET VALVE RUN-TIMES PRESS HERE** Menu key (Figure 3).

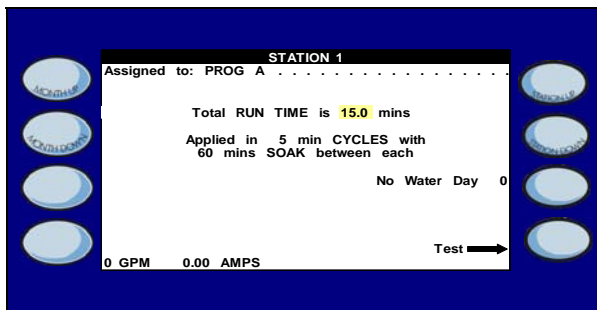7.   The **STATION PROGRAMMING** screen will appear (Figure 4).

```
                        STATION 1
Assigned  to:  PROG  A . . . . . . . . . . . . . . . .


                 Total  RUN  TIME  is  15.0  mins

              Applied  in    5  min  CYCLES  with
                 60  mins  SOAK  between  each

                                    No  Water  Day   0


                                          Test
0 GPM       0.00  AMPS
```

Figure 4

Station Programming

The **STATION PROGRAMMING** screen is used to set times for each individual station (Figure 4).

1.   Press the **STATION UP** or **STATION DOWN** keys to select the desired station (shown in upper left corner of display).

2.   Press the blue **ARROW** keys to highlight PROG A.

3.   Press the **PLUS** or **MINUS** keys to scroll through the programs and assign to the selected station.

4.   Use the same method in step two (2) and three (3) to change or enter the following:

- **Total Minutes:** The total number of minutes a station will irrigate during one water day.
- **Minutes per cycle:** The total number of minutes will irrigate during one cycle.
- **Soak-in Time:** The number of minutes between each cycle start (if there is only one cycle start, this setting is ignored by the controller).
- **No water days:** The total number of days set for this station **not** to water.

Manual Water a Station

1.   Press the **MANUAL** key.

2.   Press the Menu key next to **MANUAL WATERING**.

NOTE: There must be time on the station.

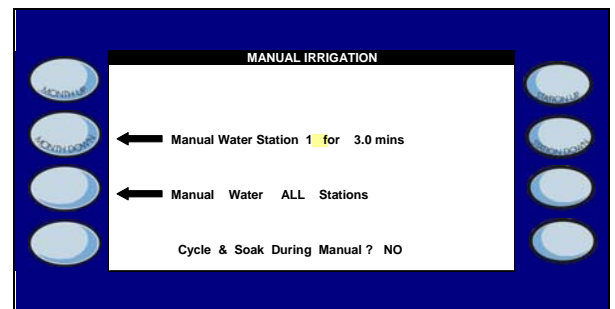The **MANUAL IRRIGATION** screen will appear (Figure 5).

```
                   MANUAL IRRIGATION




         Manual  Water  Station  1  for   3.0 mins


         Manual    Water    ALL    Stations


            Cycle  &  Soak  During  Manual ?  NO
```

Figure 5

3.   Press the **PLUS** or **MINUS** keys to select the desired station. In the example above, station # 1 has been selected, the minutes displayed (3.0 Mins in the example above) is the programmed time for station # 1.

4.   Press the Menu key next to: **MANUAL WATER STATION 1 for 3.0 Mins**.

5.   Press the **STOP** key to end **MANUAL IRRIGATION**.

Manual Water a Program

1. Press the **MANUAL** key.

2. Press the Menu key next to **MANUAL WATERING**.

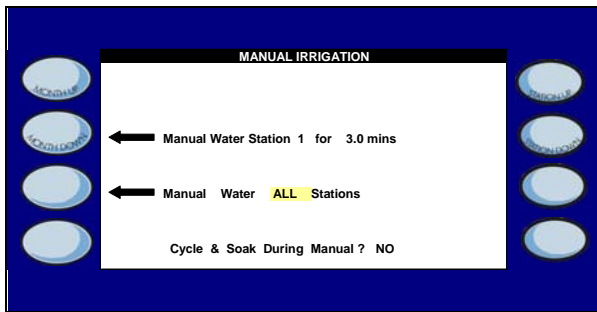The **MANUAL IRRIGATION** screen will appear (Figure 6).

```
                    MANUAL IRRIGATION

        ◄─── Manual Water Station 1 for  3.0 mins

        ◄─── Manual   Water   ALL   Stations

                Cycle  &  Soak  During  Manual ?  NO
```

Figure 6

3. Press the blue **ARROW** keys to highlight the Program.

4. Press the **PLUS** or **MINUS** keys to select the desired program or ALL stations (ALL stations has been selected in the example above).

5. Press the Menu key next to: **MANUAL WATER XXXX X STATIONS**.

6. Press the **STOP** key to end **MANUAL IRRIGATION**.

Test a Station

1. Press the **MANUAL** key.

2. Press the Menu key next to **TEST**.

The **VALVE TESTING** screen will appear (Figure 7).

```
                      VALVE TESTING

        ◄─── Learn  the  Expected  at  Station 1

        ◄─── Test Station  1  for  2.0  minutes
```
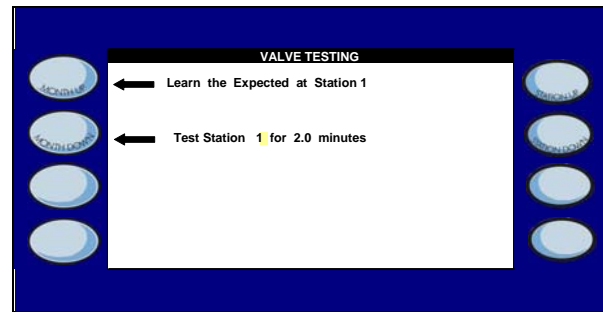
Figure 7

3. Press the **PLUS** or **MINUS** keys to select the desired station (Station # 1 has been selected in the example above).

4. Press the Menu key next to: **TEST STATION 1**.

5. Press the **STOP** key to end **VALVE TESTING**.

Note:

This Quick Reference Guide is intended to set a basic program in a Calsense ET2000e Controller. Calsense offers free training as part of the purchase of an ET2000e Controller. Call Calsense to arrange for a training appointment.

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