ET2000

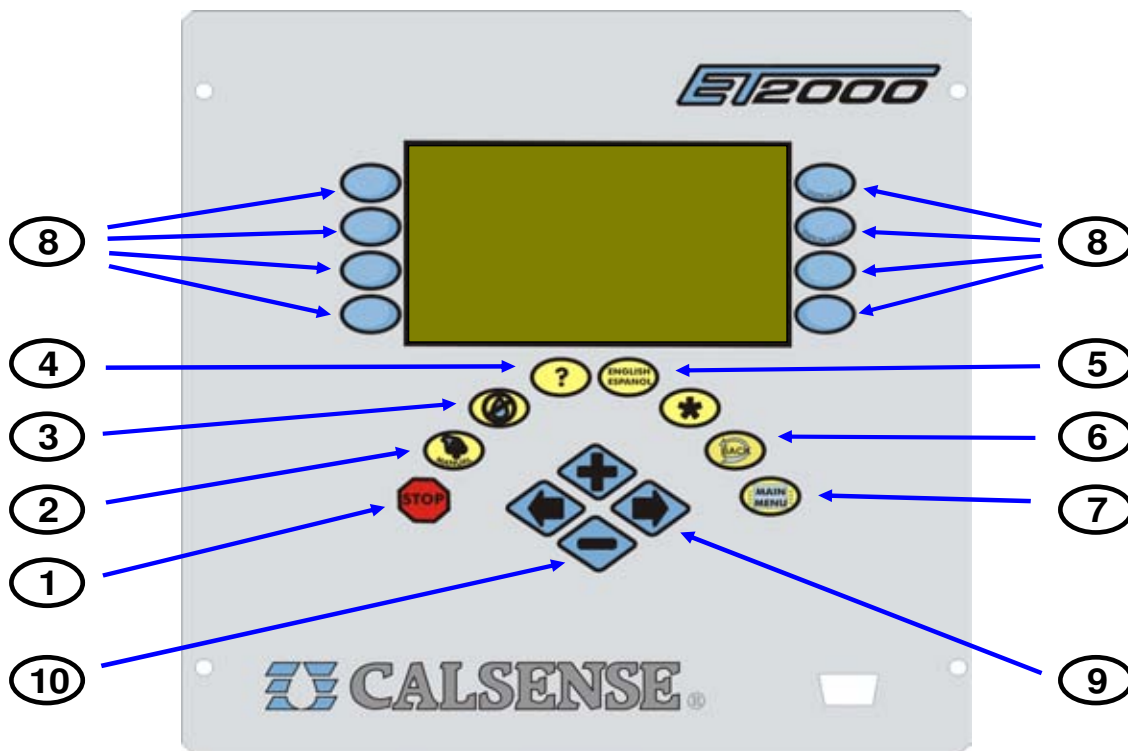💧 **ET2000 (500 SERIES) QUICK SETUP GUIDE**

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 – The NO WATER 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. **[ ]**   Press the Menu key next to :
SETUP

3. **[ ]**   Press the Menu key next to:
DATE AND TIME.

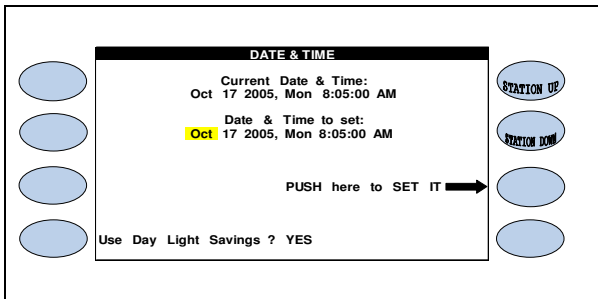The **DATE AND TIME** screen will appear (Figure 1).

```
                    DATE & TIME
              Current  Date &  Time:
           Oct  17 2005, Mon  8:05:00 AM

              Date  &  Time to set:              STATION UP
           Oct  17 2005, Mon  8:05:00 AM

                                                 STATION DOWN
                          PUSH  here  to  SET  IT ➡

     Use  Day  Light  Savings ?  YES
```

Figure 1

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

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

6. **[ ]**   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).
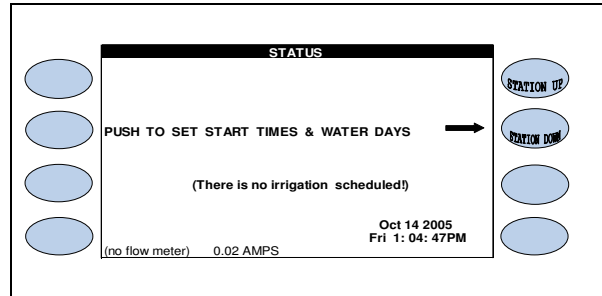
```
                       STATUS

                                                       STATION UP
     PUSH  TO  SET  START  TIMES  &  WATER  DAYS  ➡

                                                       STATION DOWN
            (There is no irrigation  scheduled!)

                              Oct 14 2005
                              Fri 1: 04: 47PM
     (no flow meter)      0.02 AMPS
```

Figure 2

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

💧 *Start Times and Water Days*

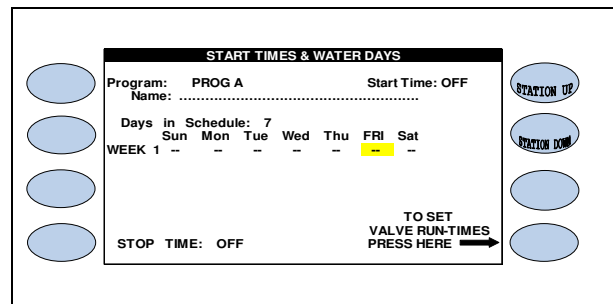The **START TIMES AND WATER DAYS** screen will appear (Figure 3).

```
                START TIMES & WATER DAYS

     Program:    PROG A              Start Time: OFF      STATION UP
       Name: ......................................

     Days  in  Schedule:  7
              Sun  Mon  Tue  Wed  Thu  FRI  Sat          STATION DOWN
     WEEK  1  --   --   --   --   --   --   --

                                       TO SET
                                    VALVE RUN-TIMES
     STOP  TIME:  OFF               PRESS HERE    ➡
```

Figure 3

1. Press the blue **ARROW** keys to highlight PROGRAM.

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

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

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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).

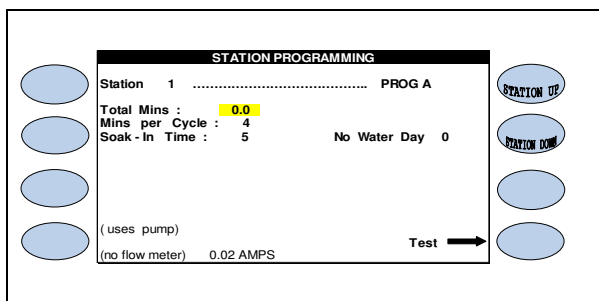7. The **STATION PROGRAMMING** screen will appear (Figure 4).

STATION PROGRAMMING

Station   1 ....   PROG A

Total Mins :   **0.0**
Mins per Cycle :   **4**
Soak - In Time :   5   No Water Day   0

STATION UP

STATION DOWN

(uses pump)

(no flow meter)   0.02 AMPS   Test ➡

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.

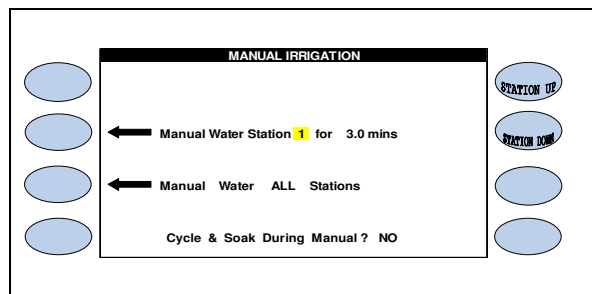The **MANUAL IRRIGATION** screen will appear (Figure 5).

MANUAL IRRIGATION

◄ Manual Water Station **1** for 3.0 mins

◄ Manual Water ALL Stations

Cycle & Soak During Manual ? NO

STATION UP

STATION DOWN

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**.

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💧 *Manual Water a Program*

1. (MANUAL) Press the **MANUAL** key.

2. ⬭ Press the Menu key next to **MANUAL WATERING**.
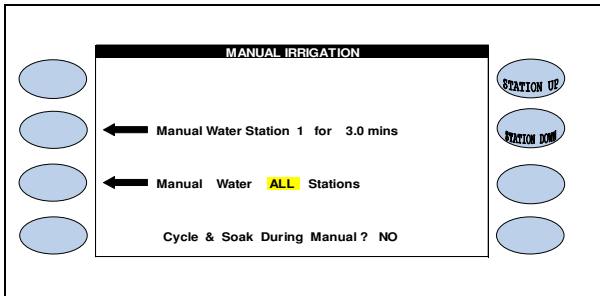
The **MANUAL IRRIGATION** screen will appear (Figure 6).

```
                    MANUAL IRRIGATION
                                                    STATION UP
    ←  Manual Water Station  1  for  3.0 mins
                                                    STATION DOWN
    ←  Manual   Water   ALL   Stations

           Cycle  &  Soak  During  Manual ?  NO
```

Figure 6

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

4. (ARROW) 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. (STOP) Press the **STOP** key to end **MANUAL IRRIGATION**.

💧 *Test a Station*

1. (MANUAL) 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

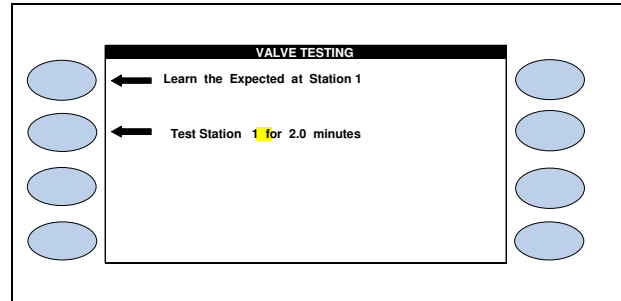3. (ARROW) Press the **PLUS** or **MINUS** keys to select the desired station (Station # 1 has been selected in the example above).

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

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

Note:

This Quick Reference Guide is intended to set a basic program in a Calsense ET2000 Controller. Calsense offers free training as part of the purchase of an ET2000 Controller. Call Calsense to arrange for a training appointment.

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