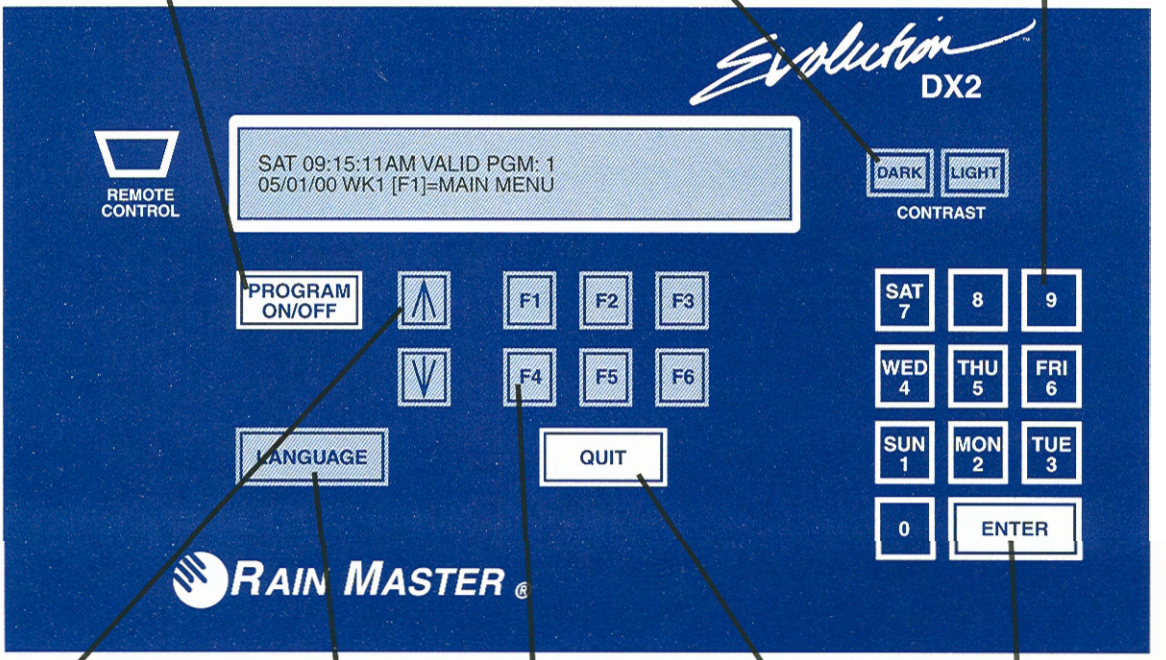
Evolution™ DX2

Quick Reference Guide

Use the "PROGRAM ON/OFF" key to start or stop programs, independent of the normal operating mode

Use the "DARK" or "LIGHT" keys to change the contrast of the screen

Use the number keys to select numeric values or days used



When displayed, use the up and down arrows to go to the previous or the next screen

Use the "LANGUAGE" key to select English or Spanish

Use the Function (F) keys to choose options from the menu

Use the "QUIT" key to return to the **Base Menu**

Use the "ENTER" key to enter selections

RAIN MASTER®

500024 C

MANUAL OPERATION

TO OPERATE STATIONS MANUALLY

Notes: 1. Pressing [QUIT] will cease all manual operations.

2. Two hours after completion of any manual operation, the display will automatically return to the Base Screen.

All manual operations are done through the **Manual Menu**. To get to the **Manual Menu** from the **Base Screen** perform the following key strokes:

1

F1

2

F4

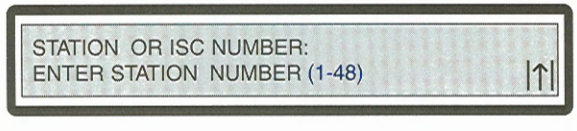
Station On/Off

Example: *To turn station 1 on for 5 minutes, perform the following key strokes*

3

F3

4

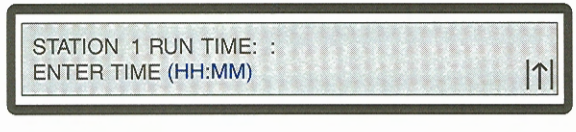


SUN 1 ENTER

5

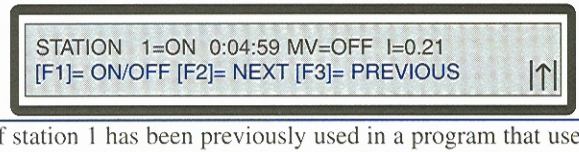
F1

6



THU 5 ENTER

7



F1 (will toggle station on and off)

F2 (to activate next station)

F3 (to activate previous station)

Note: If station 1 has been previously used in a program that uses the master valve, then the controller will turn the master valve on, "MV=ON"

Test Cycle

Example: *Turn on all stations for 5 minutes,* ***repeat steps 1&2,*** *then perform the following key strokes* (F1 & F4)

3

F1

4

THU 5 ENTER

Rain Shutdown

Example: *To put the controller in Rain Shutdown* ***repeat steps 1&2,*** *then perform the following key strokes* (F1 & F4)

3

F4

4

F1

5

F1 (F2 will restore to normal watering)

PROGRAM ON/OFF

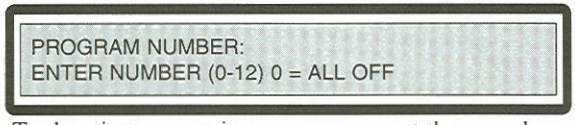
TO ACTIVATE/DEACTIVATE A SINGLE PROGRAM

Example: *To activate watering in program 1 perform the following key strokes*

1

PROGRAM ON/OFF

2



SUN 1 ENTER

Note: To deactivate a running program, repeat the same key strokes

CREATING A NEW PROGRAM

TO SET PARAMETERS FOR A NEW PROGRAM

When creating a new program for the **Evolution DX2** controller the following parameters must be set:

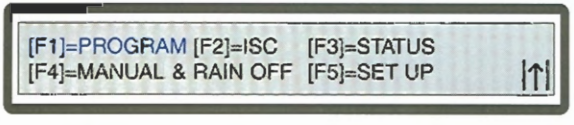
- Program number **(step 4)**
- Watering cycle **(steps 5, 6, 7)**
- Start times **(steps 8, 9)**
- Station run times **(steps 10 thru 16)**

Example: *To create a program # 1 that waters on Mon., Wed. and Fri., start times of 8:00 PM and 11:00 PM, station 1 having a 5 minute run time and stations 2-15 having a 10 minute run time, perform the following key strokes*

1

F1

2

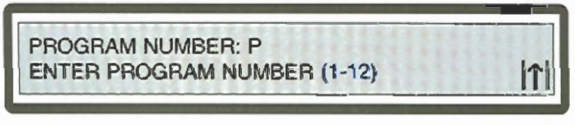


F1

3

F3

4

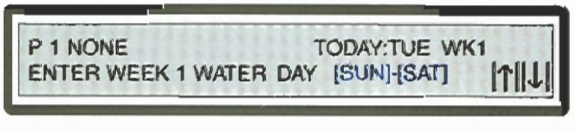


SUN 1 ENTER

5

F1

6

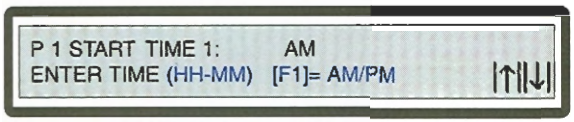


MON 2 WED 4 FRI 6 ENTER ↓

7

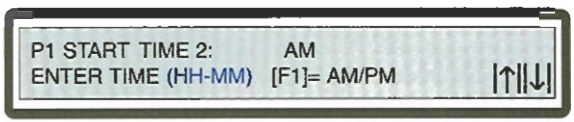
MON 2 WED 4 FRI 6 ENTER ↓

8



8 0 0 F1 ENTER

9

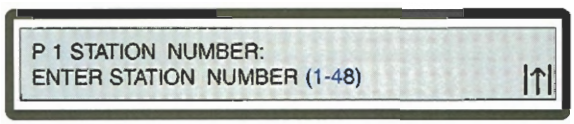


SUN 1 SUN 1 0 0 F1 ENTER ↓

10

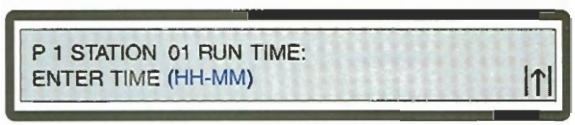
F1

11



SUN 1 ENTER

12

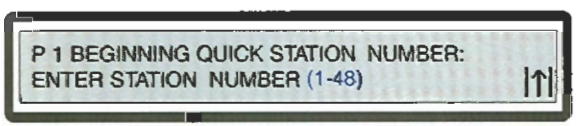


THU 5 ENTER ↑ ↑

13

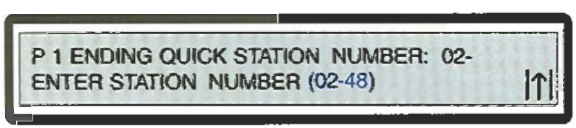
F2

14



MON 2 ENTER

15



SUN 1 THU 5 ENTER

16

SUN 1 0 ENTER QUIT

MODIFY PROGRAM

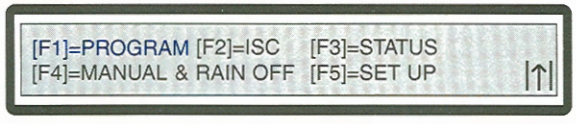
TO CHANGE THE PARAMETERS OF AN EXISTING PROGRAM

Example: *To modify program 1 to change start time #1 to 3:15 AM and change the run time on station 2 to 5 minutes, perform the following key strokes*

1

F1

2

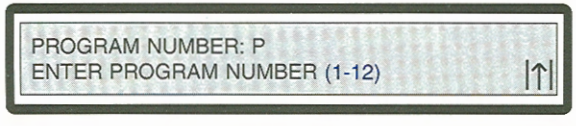


F1

3

F1

4

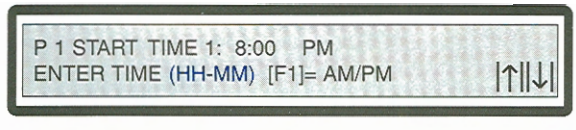


SUN 1 ENTER

5

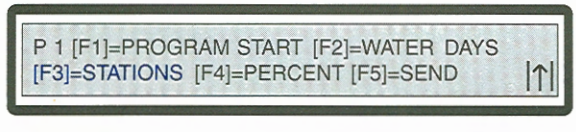
F1

6



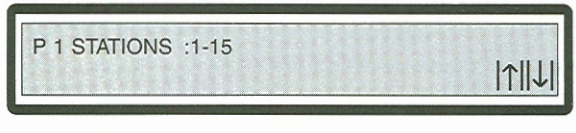
TUE 3 SUN 1 THU 5 ENTER ↓

7

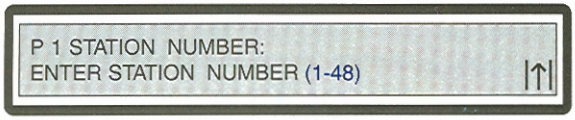


F3

8



↓



9 P 1 [F1]=STATION RUN TIME
[F2]=QUICK STATION PROGRAMMING |↑||↓| — F1

10 P 1 STATION NUMBER:
ENTER STATION NUMBER (1-48) |↑| — MON 2 ENTER

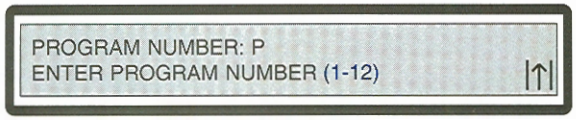
11 P 1 STATION 2 RUN TIME: :10
ENTER TIME (HH-MM) |↑| — THU 5 ENTER QUIT

PERCENTAGE

TO INCREASE OR DECREASE WATER USAGE

The percentage function of the Evolution controller is performed from the **Modify Program Menu.**

Example: *To reduce all watering times in program 1 to **80%** of normal (100%),* **repeat steps 1, 2, & 3,** (F1 F1 F1) *then perform the following key strokes*



4 PROGRAM NUMBER: P
ENTER PROGRAM NUMBER (1-12) |↑| — SUN 1 ENTER

5 P 1 [F1]=PROGRAM START [F2]=WATER DAYS
[F3]=STATIONS [F4]=PERCENT [F5]=SEND |↑| — F4

6 P 1 PERCENTAGE OF STATION RUN TIME: 100
ENTER PERCENTAGE (0-999) |↑| — 8 0 ENTER QUIT

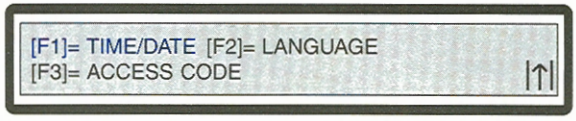
CHANGE TIME

TO CHANGE THE DATE OR TIME OF A CONTROLLER

Time changes on the Evolution DX2 controller are done from the **User Options** menu, which is shown by pressing in sucession (F1 F5 F4 F3) from the base screen.

Example: *Change the time to 3:00 PM, Mon. Sept. 15, 2000*

1

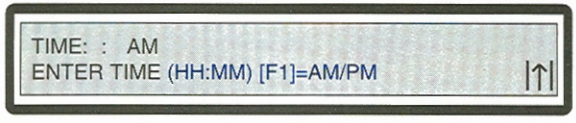


F1

2

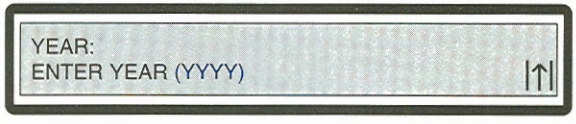
F1

3



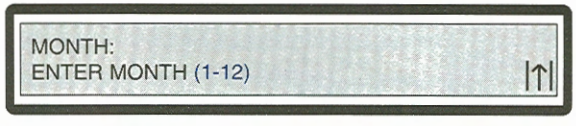
TUE 3 | 0 | 0 | F1 | ENTER

4



MON 2 | 0 | 0 | 0 | ENTER

5



9 | ENTER

6

SUN 1 | THU 5 | ENTER

7

F1

8

MON 2 | ENTER | QUIT