

Setting the Date and Time

- 1 Turn the dial to the **CURRENT TIME/DAY** position.
- 2 Use the **+** or **-** buttons to change the year. Press the **▶** button to proceed to setting the month.
- 3 Use the **+** or **-** buttons to change the month. Press the **▶** button to proceed to setting the day.
- 4 Use the **+** or **-** buttons to change the day. Press the **▶** button to proceed to setting the time.
- 5 Use the **+** and **-** buttons to select AM, PM, or 24 hour. Press the **▶** button to move to hours. Use the **+** and **-** buttons to change the hour shown on the display. Press the **▶** button to move to minute. Use the **+** and **-** buttons to change the minutes shown on the display. The date, day, and time have now been set.

Setting the Program Start Time(s)

- 1 Turn the dial to the **START TIMES** position.
- 2 The factory preset is set on program A. You can select program B or C by pressing the **PRO** button.
- 3 Use the **+** or **-** button to change the start time. (The start times advance in 15-minute increments).
- 4 Press the **▶** button to add an additional start time, or **PRO** button for the next program.

NOTE: One start time will activate all stations sequentially in that program. This eliminates the need to enter each station's start time.

Setting Station Run Times

- 1 Turn the dial to the **Run Times** position.
- 2 The display will show the last program selected (A, B, or C), the station number selected. You can switch to another program by pressing the **PRO** button.
- 3 Use the **+** or **-** button to change the station run time on the display from 0 to 4 hours.
- 4 Press the **▶** button to advance to the next station.

Setting Days To Water

- 1 Turn the dial to the **WATER DAYS** position.
- 2 The display will show the last program selected (A, B, or C) switch to another program by pressing the **PRO** button.
- 3 The controller will display the seven days of the week. Each day will have a **▲** icon or a **☉** icon above the day. The **▲** icon would represent an "On" water day, while a **☉** icon would represent an "Off" watering day.

Selecting Specific Days of the Week to Water

- 1 With the **▲** cursor on a specific day press the **+** button to activate a particular day of the week to water. Press the **-** button to cancel watering for that day.

- 2 Repeat step 1 until all desired days have been selected. The selected days will show a **▲** to indicate their status is ON.

Selecting Odd or Even Days to Water

This feature uses numbered day(s) of the month for watering instead of specific days of the week (odd days: 1st, 3rd, 5th, etc.; even days: 2nd, 4th, 6th, etc.).

- 1 With the **▲** cursor on **SU** press the **▶** button once. The **▲** icon and odd will be displayed.
- 2 If odd day watering is desired, turn the dial back to the run position.
- 3 If even day watering is desired, press the **▶** button once. The **▲** icon and **EVEN** will be displayed. You can move back and forth from **ODD** to **EVEN** by pressing the **◀** and **▶** buttons.

Selecting Interval Watering

With this option you can select interval watering from 1 to 31 days.

- 1 With the cursor on **EVEN**, press the **▶** button once and the **☉** icon will appear and a 1 flashing in the display.
- 2 Press the **+** or **-** button to select the number of days between watering days (from 1-31 days).

The controller will water at the next start time and will then water at the interval programmed.

Setting Event Day(s) Off

The XCH allows you to program a Non-Water Day(s). This feature is useful to inhibit watering on specific day(s). For example, if you always mow the lawn on Saturdays, you would designate Saturday as a **Non-Water Day** so that you are not mowing wet grass.

- 1 Turn the dial to the **WATER DAYS** position.
- 2 Enter an interval watering schedule as described above.
- 3 Press the **▶** button to scroll to the **Non-Water Days** at the bottom of the display. **MO** will be flashing.
- 4 Use the **▶** button until the cursor is at the day of the week you wish to set as a Non-Water Day.
- 5 Press the **-** button to set this day as a Non-Water Day. The **☉** will illuminate over this day.
- 6 Repeat steps 4 and 5 until all desired event day(s) are off.

Automatic Watering

After programming the XCH, set the dial to the **RUN** position to enable automatic execution of all watering programs and start times.

System Off

Valves currently watering will be shut off after the dial is turned to the **SYSTEM OFF** position for two seconds. All active programs are discontinued and watering is stopped. To return the controller to normal automatic operation, simply return the dial to the **RUN** position.

DAYS OF THE WEEK	PROGRAM A					PROGRAM B					PROGRAM C									
	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
INTERVAL OR ODD/EVEN																				
NON-WATER DAYS																				
PROGRAM START TIMES	1																			
	2																			
	3																			
	4																			

A program is a watering schedule that includes a start time(s), run time(s), and water day(s).
 A start time is the time of day the stations in the program start watering.
 A run time is the watering length per station (zone).
 One start time is needed to run the entire program.

STATION	LOCATION	STATION RUN TIME	STATION RUN TIME	STATION RUN TIME
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				



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