



# Programming Instructions For the Integrated Programmer

Revision Three - © 2006

# Programming Your Hydro-Guard® Unit for Operation

## SPECIFICATIONS

### Features

- Manual On and Off
- Length of watering time: 1 Minute to 12 Hours
- 6 Flushing Programs
- LCD Display
- Easy Select & Adjust programming
- Days of the Week, Odd / Even, and Interval Scheduling
- Rain Delay – 1 to 99 days

## ELECTRICAL

Powered by a Factory Installed AA size long life 3.6 volt lithium battery.

## PROGRAMMING

### SET TIME OF DAY

Turn the **SELECT** dial to the **TIME** position.

Press the **+** **-** keys to scroll to the correct time. There is a **P** to indicate P.M.

### SET TODAY'S DATE

Turn the **SELECT** dial to the **YEAR** position.

Press the **+** **-** keys to scroll to the correct year. *NOTE:* When date and year are selected, the day of the week is automatically set. The Integrated programmer is leap year compatible.



### CHANGING FROM 12 TO 24-HOUR CLOCK AND MONTH: Day to Day: Month Format

- Rotate **SELECT** dial to the **TIME** and **DATE** position.
- Press both the **+** **-** keys at the same time.
- The PM indicator will disappear and the clock will change to 24-Hour time.
- Date will also be in the Day : Month format.
- Days of the week will change from SMTWTFS to 1234567 (Sunday = 1)
- To change back to 12-Hour clock and Month : Day format repeat the above steps

## Programming (continued)

### SET A FLUSHING SCHEDULE

The Integrated Programmer can be programmed to run one to six flushing programs per day. This means you can start and stop the flushing from one to six times in a 24-hour period.

For **PROGRAM 1** – turn the **SELECT** dial to **PROGRAM 1**. Then follow these steps below.



### SET START TIME

Turn the **SET** dial to **START TIME**. Press the + – keys to select the desired **START TIME** for **PROGRAM 1**.

### SET STOP TIME

Turn the **SET** dial to **STOP TIME**. Press the + – keys to select the desired **STOP TIME** for **PROGRAM 1**.

### SET SCHEDULE

For flushing schedule, you can select either **DAYS** (Days of the week), **ODD / EVEN**, or **INTERVAL**. Choose one of the three options and follow the programming below.

#### To set **DAYS**

Turn the **SET** dial to the **DAYS** position. Press the + – keys to select the days you desire to flush for **PROGRAM 1**. The + key will select the day for flushing. The – key will delete that day for flushing and that day will not be displayed in the **DAYS** programming screen.

#### To set **ODD / EVEN**

Turn the **SET** dial to **ODD / EVEN** position. Use the + – keys to select **O** or **E**.

#### To set **INTERVAL**

Turn the **SET** dial to **INTERVAL**. Use + – keys to select an interval from 01-30. *Example:* An interval of 1 flush every day, interval of 2 flushes once every other day.

## Programming (continued)

### SET ADDITIONAL PROGRAMS

If more than one program per day is desired, turn the **SELECT** dial to **PROGRAMS 2, 3, 4, 5, and 6**. Repeat the **START TIME, STOP TIME, and SCHEDULE** steps from above. If no additional programs are needed, proceed to the next step.

### RUNNING YOUR FLUSHING PROGRAM

You can choose to run all six programs or select any one of the six. Turn the **SELECT** dial to your choice of **RUN ALL** to run all the programs that have been entered or select the individual **PROGRAM** number 1 to 6 that you wish to run. Turn the **SET** dial to the **RUN** position. The Integrated programmer will flush per the program or programs that you have selected.

### REVIEWING and CHANGING YOUR FLUSHING PROGRAM

Turn the **SELECT** dial to the cycle you want to review.

Select the **START TIME, STOP TIME, DAYS, INTERVAL, or ODD / EVEN** positions on the **SET** dial. You can make changes in the program by changing any of the values.

### TURNING THE INTEGRATED PROGRAM OFF

To discontinue flushing when the programmer is in operation or to prevent automatic operation, turn the **SET** dial to the **OFF** position. To return to automatic operation, return **SET** dial to the **RUN** position.

### RUNNING THE PROGRAMMER on MANUAL

To turn the Hydro-Guard on manually, turn the **SET** dial to the **MANUAL OPEN** position. The LCD display will flash 10 minutes of run time. There is a 30-second delay to open or close the valve. You can adjust the desired run time from 1 minute to 6 hours by using the **+ —** keys, at any time during the manual run.

- To return to automatic operation, turn the **SET** dial to **RUN** after the manual run has started. The manual operation that you selected will finish and the programmer will return to automatic operation as scheduled.
- To stop manual watering, rotate **SET** dial to the **OFF** position.




## Programming (continued)

### CLEARING ONE or ALL FLUSHING PROGRAMS

- To clear the programming in one of the six programs, turn the **SELECT** dial to **PROGRAM 1, 2, 3, 4, 5, or 6** and rotate the **SET** dial to **CLEAR** and press the **—** key.
- To clear all programming, turn the **SELECT** dial to the **RUN ALL** position and the **SET** dial to the **CLEAR** position and press both **+ —** keys at the same time. This will clear all programs.

### *ADVANCED FEATURES*

#### SETTING A RAIN DELAY

To postpone programs due to wet weather, turn the **SET** dial to the **RAIN DELAY** position and adjust the desired delay from 1 to 99 days using the **+ —** keys. Return the **SET** dial to the **RUN** position. The **RAIN DELAY** symbol will show on the LCD. A  **RAIN DELAY**, the Integrated Programmer will return to automatic operation.

For all other programming questions, please refer to the Hydro-Guard Programming Guide. If the information you require is not available therein, please contact Hydro-Guard Customer Service at (877) 864-8500.