

4. IRRIGATION PROGRAMMING

This section contains examples of weekly and cyclical irrigation programs. There are two options for setting irrigation frequency: Cyclical Mode (see 4.4), where watering occurs after a pre-set interval, (one start time per day in this mode), or Weekly Schedule (see 4.3) Mode, where watering occurs on specific days of the week (up to 4 start times per day in this mode). You must select one or the other mode, not both. Simply alter data in the example to adapt the program to meet your irrigation requirements.

4.1 PROGRAMMING METHOD

- Programming step – used to select the appropriate programming mode (e.g.) clock setting mode.
- Data decrement (decrease) – lowers the value of the selected parameter (e.g. deducts an hour).
- Data increment (increase) – raises the value of the selected parameter (e.g. adds on an hour).
- Parameter selection – used to select the parameter to be changed (e.g. hour, minute, etc.) To implement the change, the selected parameter must be blinking. If no changes are implemented, the controller display will always revert to the main screen (clock).

Emergency Irrigation: If no buttons are pressed, the clock will blink continuously. After 10 minutes, the controller will implement 5-minute duration on a 24-hour cycle (default mode).

4.2 SETTING CURRENT TIME & DAY OF THE WEEK

To enable the irrigation controller to operate the irrigation system at the required times, the current time and day of the week must be set as shown below:

Setting the Clock:

- Press several times until appears.
- Press . The hour digits blink. Set the current hour with the aid of and . (Note: AM and PM designations appear).
- Press . The minute digits blink. Set the current minute with the aid of and .

*For 24-hour clock display (military time): Once the hour/minute digits are not blinking or stop blinking, press concurrently the and and the time will switch from AM/PM to military time. Pressing these buttons simultaneously again will revert the display back to AM/PM hour display.

Setting the Day of the Week

- Press . A blinking of water will appear at the top of the display. Set the blinking drop on the current day of the week by pressing and .
- Display digits will stop blinking after 10 seconds. If the last parameter stops blinking before you have completed your programming, press to continue the process.

4.3 PROGRAMMING A WEEKLY IRRIGATION SCHEDULE

(Set Days of the Week)

Let's assume that we want to program the irrigation controller to water three times a day, at 8:30 am, 1 pm and 7 pm for 10 minutes each time, on Tuesday and Friday.

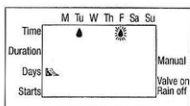
Programming Duration of Irrigation

- Press until appears opposite the word "Duration".
- The hour digit is blinking (0). Press or to set desired number of hours or minutes you want the water to run.
- Press . The minute digits will blink. Press or until the minute digits reach 10.



Programming Irrigation Days

- Press until appears opposite the word "Days". If you are programming the controller for the first time, the word OFF will blink on the display.
- Press . A blinking will appear under Monday in the upper section of the display. Using , position the blinking marker under Tuesday, and press . The marker under Tuesday will stop blinking and move to the right, positioning itself under Wednesday. Press twice more until the blinking marker reaches Friday. Press again. Droplets should appear only under days you wish to irrigate.



Setting Irrigation Start Time/Date:

- Press . START I and the blinking 12:00 am will appear on the display.
- Using or , set the start time at 8 AM (note the AM and PM indicators). Press . Repeat and set the minutes to 30. Press and repeat this operation for the second irrigation period (START II) at 1:00 PM, and for the third irrigation period (START III) at 7:00 PM.
- Press to continue to START IV and then press to return display to the current time of the day and day of the week. To cancel one of the start times, select the start time by pressing , the hour digit blinks, press or until the word OFF appears. ("OFF" appears after 11:00 pm)



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VIDEO 6 - BASIC OPERATING INSTRUCTIONS

FOR MORE DETAILS PLEASE REFER TO THE MANUAL PAGES 17-32

CONNECTION TO THE TAP

Unscrew the external ring nut then tighten the 3/4" female connector onto the tap. Fix the timer to the tap by tightening the ring nut. See page 20 for picture detail.

BATTERY INSTALLATION

Press the two side buttons on the front panel then insert one 9v battery into the terminal then replace the battery back into the housing. We advise that the battery be changed once a year.

NOTE: To avoid losing any watering programs replace the battery within 15 minutes.

SETTING THE CURRENT TIME

Once the battery is connected all the display sections are switched on and the timer sets to 00:00. Press the "ENTER" key, then the message "OK" will be displayed. Use the arrow keys to increase/decrease the time. Once the correct time is set, press "Enter".

NOTE: Timer uses military time (i.e. 1:00 in the afternoon is equal to 1300 hours)

DAILY PROGRAMMING

- > Press the "RIGHT" arrow key to display "PROGRAM #1-OPEN"
- > Press the "ENTER" key
- > Use arrow keys to increase/decrease program time
- > Press the "ENTER" key
- > Press the "RIGHT" arrow key to display "PROGRAM #2-CLOSED"
- > Press the "ENTER" key
- > Use arrow keys to increase/decrease program time
- > Press the "ENTER" key

Follow the instructions as listed above to set watering times for programs 2-6. When setting watering cycles for the remaining programs the display will automatically show the "minute" after the previous program was set.

TO DELETE A PROGRAM

Use arrow keys to select desired program, the program selected MUST be in the "CLOSED" option. Press the "ENTER" key then press the "LEFT" arrow key first and while pressing this key, press the "RIGHT" arrow key until timer reads 00:00.

NOTE: Timers cannot be programmed with a minimum of watering cycles. All 6 programs must be entered before any programs can be deleted to maintain a minimum number of programs.

WEEKLY PROGRAMMING

- > Use arrow keys to move through all 6 programs until the display shows the programs and the number of days in the week
- > Hit the "ENTER" key then use the arrow keys to choose the day(s), if any, that the watering cycle should not run, hit the "ENTER" key to eliminate that day. Once completed move the arrow to "EXIT" then press the "ENTER" key.

NOTE: Day one is the day the first program was set on the timer. (i.e. Thursday is the day the first program was set and Friday's watering cycle is not needed then day 2 would be eliminated)

MANUAL FUNCTION MODE

This mode allows the user to water in addition to the 6 set programs on the timer. Use the arrow keys until the display reads manual then press the "ENTER" key and then hit the "LEFT" arrow key to open the valve. This will immediately start the watering process. If the user does not close the valve by using the "RIGHT" arrow key the manual mode will close automatically in 15 minutes.

NOTE: Using the manual mode will not eliminate or re-program any watering cycles

WATER PRESSURE TABLE

PSI	.725	14.5	29	36	43.5	58	72.5
Gallon/Minute	2.9	4.2	5.8	6.6	7.1	8.1	9.2

RECOMMENDATIONS

- > Do not allow the timer to freeze
- > Do not run any chemical substances or liquid other than water through the hose
- > Do not use heavy objects to press the buttons. Buttons are specially designed to respond to the touch of a finger
- > Do not operate the timer when the inlet pressure is exceeding 145 PSI
- > Keep cover closed to protect the display from exposure to sunlight and humidity
- > Every season clean the synthetic foam filter under running water

Accepting full responsibility Claber declares that the product complies with the following standards and relative documents: EN 55022/CEI ENV 50140, in line with the requirements of the CEE DIRECTIVE 89/336. Claber guarantees that the product is free from defects in both material and manufacturing for a period of two years after the date of delivery to the consumer.