ECOsystem

ELECTRONIC
TAP TIMER

GB
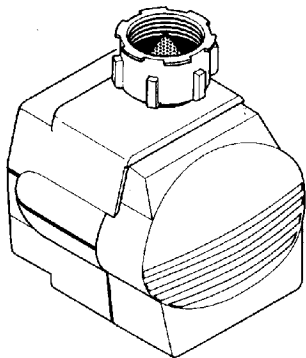
Use this handly log to keep track of what on and off times are programmed in the timer.

PROGR. NO.		START DAY ON and OFF times						
		SUN	MON	TUE	WED	THUR	FRI	SAT
1	ON							
	OF							
2	ON							
	OF							
3	ON							
	OF							
4	ON							
	OF							
5	ON							
	OF							
6	ON							
	OF							

COMPUTER WATER TIMER
DISPLAY SCREEN AND KEYPAD

DAYS OF THE WEEK
(SUN. THUR. SAT.)

MODE BARS

DAY BARS

Electronic Tap Timer

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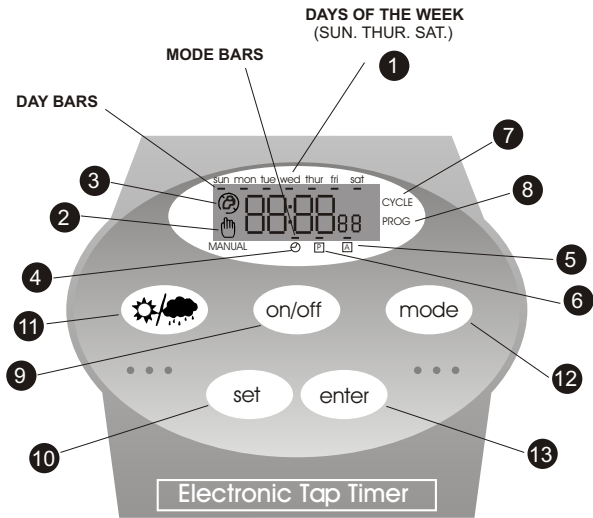
UNDERSTANDING YOUR WATER TIMER

1. ***Day of Week*** - Once set, keeps of current day. Also used in setting start day for each program.

2. ***MANUAL*** 🖐 - Indicator appears above "MANUAL" when in manual function.

3. ***On*** - ⌀ - Time indicator appears when setting ON time for each program. Also appears when water is flowing through the timer.

3.1 ***Off*** - ⌀ - Time indicator appears when setting OFF time for each program. Also appears when the timer is off.

4. Indicator bar appears above ⊘ when setting the current time.

5. Indicator bar appears above A when Ecosystem is in automatic mode.
Clock will continue to show display and programs will begin and end as set when in this function.

6. Indicator bar appears above P when Ecosystem is in programming mode.

7. ***CYCLE*** - Number shown indicates the frequency of watering schedule as follows:

> 1 = Water Daily
> 2 = Water every two days
> 3 = Water every three days
> 4 = Water every four days
> 5 = Water every five days

6 = Water every six days
7 = Water every seven days
U = Use selected days

8. *PROG* - Number shown indicates program number (1 - 6).

9. *ON/OFF* - To turn off press on/off key repeatedly until off is displayed.

10. *SET* - Key used to set both hours and minutes. In all programming functions, set hours and minutes with this key, press ENTER key to confirm setting.

11. *SUMMER/WINTER* - ☀/☁ used for summertime adjustment where applicable.

12. *MODE* - Key to set function ⏱ A P ✋ ⏲ . Mode bar will be moved to next position each time when this key is pressed.

13. *ENTER* - Key used to accept and confirm selected data.

NOTES:

A. *If left in programming mode for 1 min. mode bar moves to A auto mode*

B. *Battery Replacement - For approximately 2 min. PO will be flashing after removing batteries, giving time to install new batteries without loss of program data.*

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1. Remove battery compartment cover and install 3 "AA" size alkaline batteries. Make sure that the battery polarity is correct by matching the (+/-) signs as indicated on the battery compartment cover.

2. Install the battery compartment cover into the water timer.

3. When the batteries have been installed, the timer will automatically run a Low Battery Test.

4. Always remove the batteries when the timer is not to be used for long periods of time or when the batteries are low to prevent corrosion.

5. The Clock and Programs will need to be re-input whenever the batteries are removed for longer than two minutes.

NOTE: As soon as batteries are installed follow instructions on page 7 to set time and date, otherwise, if you don't operate within about fifty seconds the programmer will automatically set on A (automatic) and time will start from: 0:00, day from Sunday, cycle "U" (all week days working) and off positions $(\mathcal{P})$.
In this case push twice MODE (time setting) and follow page 7.

1. Press MODE key until MODE Bar is above ☉, DAY Bar will be flashing.
   Press SET key to confirm day of week, press ENTER key to set.

2. To set current SET key is used. Press SET key to set hour of day, press ENTER key to confirm. Press SET key min's, press ENTER key to set.

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SETTING PROGRAMS

Press MODE key this will advance mode bar above $\boxed{P}$, no. will be flashing ☼ . By pressing SET key, this will advance No. through the following.

> 1 = Water every day
> 2 = Water every two days
> 3 = Water every three days
> 4 = Water every four days
> 5 = Water every five days
> 6 = Water every six days
> 7 = Water every seven days
> U = Use selected days

Having selected watering frequency U, press ENTER key to set. Using SET key until DAY Bar is flashing under desired watering day, press ON/OFF key to set ON to repeat for all desired watering days. Press ENTER key to set .
Now Number 1 and ᗩ will be flashing, and dashes fo watering duration will appear (pushing set you will scroll to the netx step.

With the No. 1 flashing alonside PROG press ENTER key.
Hour will now be flashing and ON ∂ will be displayed. Press
SET key to advance hour to desired On time, press ENTER key to
set. ON ∂ will now be flashing, press SET key to advance min's,
press ENTER to set. Hour will now be flashing and the (∂)
symbol is steady.
Repeat above to set off time.

Repeat all above if more than one watering per day is required.
Press MODE key until MODE Bar is above $\boxed{A}$. Timer is now set to
water automatically.

MANUAL WATERING

Press MODE key until symbol 🖑 is above MANUAL press
ON/OFF key repeatedly, until off is displayed.

This will not effect the auto programming.

MANUAL OVERRIDE BUTTON

- Press the "Manual Operation" button on the exterior of the
  timer. This function start watering immediately and continues
  until the button is pressed again
- This function will not activate if a programmed watering section
  is in progress
- If a programmed watering section is due to start while Manual
  Override is in progress the timer will revert back to the
  programmed times

TO REVIEW PROGRAM

Press MODE key until Mode Bar is above P

Press ENTER key repeatedly and make your own changes.

Press MODE key to return to A

PROBLEM	No LCD
REMEDY	Renew batteries Check batteries are installed correctly
PROBLEM	Not watering at scheduled times
REMEDY	(1) Weak batteries (replace). (2) Start day may be later than current day. (3) Watering data not fully programmed. (4) Timer may have been deactivated and all programs may be lost. (5) Tap may be turned off.

NOTE: Once installed the tap must always be turned on.

(A) *Setting the clock*

1. Press MODE Key to move the Mode Bar to ⏲
2. Set current day, hour and minute with SET and ENTER key

(B) *Setting Summer/Winter Time*

1. Press MODE Key to move the Mode Bar ⏲ or [A]
2. Press ☼◑ key to select the summe or normal time display

(C) *Setting or Changing Programs*

1. Press MODE key to move the Mode Bar to [P]
2. Select the cycle, start day, program no. and desired On/Off times with SET and ENTER key. (If cycle U is selected, press SET and ON/OFF key to select desired watering day).
3. Repeat Step 2 to either set or change other programs.
4. Press MODE key to [A] to execute the programs.

(D) **Semiautomatic Irrigation (Manual start/Automatic stop)**

1. Press MODE key until ✋ is flashing and Off appears
2. Press ON/OFF key to set manual ON, press again to view on the display irrigation time (default 8 h.) and ↕.

To increase the counter by minutes press SET key (up to 23 h. 59 min. max) press ON/OFF key to decrease by 1 hour (from 8 to 1 h.) by 15 minutes (from 1 h. to 15 min.) by 5 minutes (from 15 min. to 5 min. minimum).

3. Return the tap timer on the body-valve and the irrigation will start for the set time.

4. Press MODE key to resume to $\boxed{\text{A}}$ and cancel semiautomatic irrigation setting

(E) *Reviewing or Clearing Programs*

1. Press MODE key to move the Mode Bar to $\boxed{\text{P}}$
   Press ENTER to review your programs.

2. To clear program, change ON time to be the same as OFF time for that program.
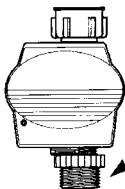   Press MODE key to return to $\boxed{\text{A}}$

Installation Instruction

Remove 3/4" Reducing Bush from base of Ecosystem and connect to tap until firm. Connect Tap Timer nut to bush on tap until firm.
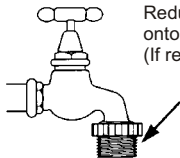For programming refer to Programming Guide or press manual override button.

Step 1

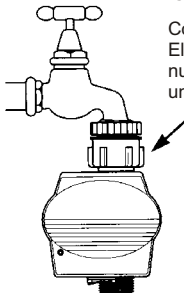Remove Reducing Bush from base of Ecosystem

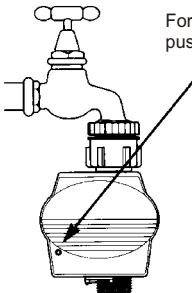*Step 2*

Connect Reducing Bush onto tap. (If required)

Step 3 **GB**

Connect Electronic Tap Timer nut to bush on tap until firm.

Step 4

For manual operation push button

ONE YEAR GUARANTEE

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