

# OPERATING INSTRUCTIONS FOR MELNOR® TIME-A-MATIC® ELECTRONIC WATER TIMER MODEL NO. 100

## STEP 1: INSERTING BATTERIES

To install batteries, remove screw, then pull bottom cover from timer. Place two (2) "AA" Alkaline batteries (not included) according to "+" and "-" markings (as shown on bottom cover). Replace cover and screw. Valve may move upon installation of batteries. Timer must be reset.

**Note:** If batteries were incorrectly installed, timer will not function at all.

## STEP 2: RESETTING TIMER

Open top cover. Press **RESET** key and release. You will observe:

- A gear sound as valve moves to its "OFF" position. Slow opening and closing of valve helps prevent water hammer.
- Two short "beeps".

1. To verify that the timer has been properly reset:

Press **ON/OFF**. The valve will move to the "ON" position and a single short beep will be heard. The water passage is open when you look through the coupling nut.

2. Press **ON/OFF**. The valve will move to the "OFF" position and a single short beep will be heard. The water passage is closed

**Note:** Please make sure that the valve is in the "OFF" position prior to programming.

# PROGRAMMING YOUR TIMER

## STEP 3: SETTING A DELAYED WATERING PROGRAM

### A. WATERING START TIME:

Press **WATERING START TIME** key. If immediate watering is desired, see Note on reverse side for programming instructions. One beep will sound with each press and indicates an increment of one (1) hour. Continue pressing key to advance time. Watering starts with a delay of one (1) hour up to twelve (12) hours from present time. Example: Present time is 1:30 PM and you press **WATERING START TIME** once. Start time will be 2:30 PM.

With each pressing of key, start time will advance in one (1) hour increments. At twelfth (12th) key entry, a long beep will sound. This indicates that you have reached maximum delay and twelve (12) hours from now, watering will begin. If you want to start earlier, you must press **RESET** and reprogram the timer with the desired start time, using less than twelve (12) key presses. Press **WATERING START TIME** for desired start time.

### B. WATERING DURATION:

Press **WATERING DURATION** key. One beep will sound with each key press and indicates an increment of fifteen (15) minutes. Continue pressing key to advance time. Watering stops within fifteen (15) minutes up to three (3) hours from start time. Example: Start time is 2:30 PM and you press **WATERING DURATION** once. Stop time will be 2:45 PM.

With each pressing of key, stop time will advance in fifteen (15) minutes increments. At twelfth (12th) key entry, a long beep will sound. This indicates that you have reached maximum duration of watering which is three (3) hours. If you want a shorter watering period you must press **RESET** and reprogram the timer with the shorter duration, using less than twelve (12) key presses. Press **WATERING DURATION** for desired stop time.

### C. SINGLE/REPEAT FUNCTION:

Pressing the **SINGLE/REPEAT** key once gives you a one-day-only (single) watering cycle. Pressing this key twice VERY QUICKLY IN SUCCESSION gives you the same watering cycle every day (repeat) until program is changed. For a REPEAT cycle, you must press **SINGLE/REPEAT** key quickly (within one second of each key press). Do not remove your finger completely from the key to press second time. You will then hear beeps which review the start time and duration as described in paragraph D below.

### D. REVIEWING WATERING START TIME AND DURATION:

Immediately after entry of Single/Repeat function, automatic review for watering start time and duration is activated. A series of 1-second interval "beeps" will be heard, indicating the watering start time you have entered. After a pause of 1-2 seconds, a series of 1/2 second interval "beeps" will be heard, indicating the watering duration you have entered. Now press **SINGLE/REPEAT** as desired. Verify entries for watering start time and duration.

### E. REVIEWING SINGLE/REPEAT FUNCTION:

**SINGLE/REPEAT** key press verifies your selection. One (1) "beep" will be heard if the Single function has been selected. Two (2) "beeps" will be heard if the Repeat function has been selected. Now press **SINGLE/REPEAT** to verify.

**NOTE:** If you wish to change your program or made an error during programming, press **RESET** and repeat Step 3.

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### Warranty Card

Name \_\_\_\_\_

Address \_\_\_\_\_

Telephone Number \_\_\_\_\_

Date Purchased \_\_\_\_\_ Model# \_\_\_\_\_

Where purchased - Store name \_\_\_\_\_

Please complete the warranty card. Using scissors, cut out the completed warranty card and mail it along with a photocopy of the sales receipt to:

**Melnor, Inc.**  
E.T. Warranty Department  
P.O. Box 2840, 3085 Shawnee Drive  
Winchester, Virginia 22601

### TWO (2) YEAR LIMITED WARRANTY

Melnor® Time-A-Matic® Electronic Water Timer (Model # 100) carries a TWO YEAR (2) LIMITED WARRANTY. Melnor, Inc. warrants the Product against defective material, workmanship or design for the period of two years from the date of purchase. Its liability under this warranty shall be LIMITED TO THE REPLACEMENT OR REPAIR of the product as provided herein. NO OTHER REMEDY (including, but not limited to incidental or consequential damages and injuries to persons or property) shall be available to the purchaser. This warranty does not cover damages or malfunctions which result from abuse, neglect, normal wear and tear, accidents or improper installation or use. THE WARRANTY DESCRIBED IN THIS PARAGRAPH SHALL BE IN LIEU OF ANY OTHER WARRANTY EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

If a defect arises during the TWO (2) YEAR LIMITED WARRANTY PERIOD, in order to make your warranty claim, please send the Timer to the address on the warranty card and include a note of explanation about the problem(s) with the Product. Please allow 6-7 weeks for return of the Product. If it is replaced, the warranty will only continue for the period remaining on the original two year limited warranty.

### CAUTION:

If keys are pressed out of sequence during programming, no "beeps" will be heard and program will not be accepted into memory.


Your Melnor Time-A-Matic Electronic Water Timer is now programmed and ready for automatic watering.

**IMPORTANT:** After timer is set and connected, close protective top cover fully.




### STEP 4: CONNECTING TIMER TO OUTSIDE FAUCET

Tighten the coupling nut onto the faucet, keeping the top cover of the timer facing up. Be careful, **DO NOT OVER TIGHTEN!**

After the timer is installed, connect a garden hose to the outlet end of the timer. Turn the faucet on to allow water flow. If you wish to remove the timer from the faucet, turn the faucet off.

Press  to turn the valve off and then just loosen the coupling nut.



### NOTE: FOR IMMEDIATE WATERING WITH PROGRAMMED SHUT-OFF


Press  to activate timer. Press  for desired duration. Each key that you press represents an increment of fifteen (15) minutes up to (3) hours duration. Then, press  one time. You will hear a review beep and the valve will open immediately.

**NOTE:** After using IMMEDIATE WATERING, the timer must be reprogrammed. Follow steps No. 2 and 3.

### OPTIONAL FEATURE: MANUAL ON/OFF

This feature allows you to turn the water on and off at any time except after a single cycle is completed.

Press  to start watering immediately. A single "beep" will be heard. To stop watering, press  again when desired. Again, a single "beep" will be heard. Watering will resume at the next scheduled time as previously programmed.

If a single cycle has been completed, press  to use Manual On/Off.

If you have any questions or comments, please call our Toll Free number, 1-800-526-4631 and ask for the Parts and Service Department.

### BATTERY INFORMATION

USE 2 "AA" ALKALINE BATTERIES. WHEN BATTERIES NEED TO BE REPLACED, AS A WARNING, YOU WILL HEAR TWO (2) "BEEPS" WHEN ANY KEY IS PRESSED. IN ADDITION, THE VALVE WILL REMAIN IN THE "OFF" POSITION.

### IMPORTANT NOTES

The following precautions should be taken to ensure the proper function and maintenance of your Melnor® Time-A-Matic® Electronic Water Timer:

- ALWAYS KEEP TOP COVER CLOSED WHEN KEYBOARD IS NOT IN USE.
- MAY BE USED WITH WATER PRESSURES UP TO 125 PSIG.
- DO NOT LEAVE TIMER ON FAUCET OR STORE OUTSIDE DURING FREEZING WEATHER. REMOVE BATTERIES DURING STORAGE. EXPOSURE TO TEMPERATURES BELOW 32°F (0°C) MAY DAMAGE UNIT.
- BE CAREFUL WHEN MOVING HOSE, TOO MUCH PULLING MAY DAMAGE COUPLING NUT.
- DO NOT USE WITH HOT WATER OVER 95° (35°C) OR SUBMERGE IN WATER.
- DO NOT EXPOSE TIMER TO HOT SUN TO EXCEED 149°F (65° C).

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Model 100



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