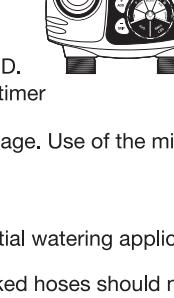


Robert Bosch Tool Corporation.
Peoria, Illinois 61615 U.S.A.
www.RLNelson.com

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28.



ELECTRONIC WATER TIMER INSTRUCTIONS

Model 5945 SPECIFICATIONS

Water connection - 3/4"

Hose connection - 3/4"

Watering Cycles - 7 plus Mist

Batteries - 2 "AA"

Low Battery Detection - [Low Bat] will display on LCD.

Timer will stop running when battery voltage is low. If timer is running, it will automatically shut off.

NOTE: Batteries should last 1 season with average usage. Use of the mist cycle will shorten battery life.

IMPORTANT SAFETY INFORMATION

1. Warning: This timer is intended for outdoor, residential watering applications only. Not intended for indoor or commercial use.
2. Use fabric reinforced hoses only; damaged or cracked hoses should not be used.
3. Remove the timer from the faucet during freezing weather and store inside. Exposure to temperatures below 0°C (32°F) may damage the unit.
4. Timer should not be submerged in water, in damp pits or buried.
5. Check connections regularly for a tight seal.
6. When using for the first time, observe the progress for one week to ensure that it is operating properly.
7. Before a long absence/vacation, insert new batteries and test your program.
8. When storing, turn to the [OFF] position. Make sure the unit is completely empty of water and in a frost-free environment only. Remove the batteries.
9. Use 2 "AA" alkaline batteries only. Do not use rechargeable batteries. Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.

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and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.

10. Install new batteries at the start of the watering season.

11. Use timer in the proper orientation only; do not use sideways, upside down, etc.

12. No user-serviceable parts inside timer housing. Opening housing will void warranty and cause potential leakage.

13. Caution: This timer contains internal electronic components that are susceptible to damage by static electricity. If your timer begins to malfunction, it is possible that your timer has been exposed to static electricity. In such an event, you may reset your timer by removing and re-installing the batteries.

14. CAUTION: Detach timer from spigot during freezing weather. Do not use water exceeding 100°F (38°C) or with pressures exceeding 100 psi (6.9 BAR). For pressures exceeding 100 psi (6.9 BAR), consult a local plumber for pressure regulation. Avoid pulling or tugging on the hose as damage to the timer may result.

OPERATING INSTRUCTIONS

I. INSERT BATTERIES

NOTE: Before every battery change, turn off the timer's water supply at your outdoor faucet and then remove the timer from the faucet.

TIP: Clean metal contacts with a clean cloth when replacing batteries.

2. Insert 2 - "AA" batteries as pictured (diagram on case).

NOTE: When changing batteries (after the initial set-up), the time and programs entered will stay current if battery change takes less than 15 seconds.

II. PROGRAMMING INSTRUCTIONS

*The right side outlet of the timer is programmable or manually operated. The left side is

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a convenience (manual) outlet only (non-programmed).

To program your Nelson 5945 timer, rotate the dial clockwise to the appropriate selection:
SET TIME: PROGRAM: SET, REVIEW, SELECT, RUN, ERASE, OFF

A. Turn dial to [SET TIME]

1. To set the current time: Hour on the clock will flash. Use the [+] button to increase hour displayed. Use the [-] button to decrease hour displayed. Press [ENTER] to select the correct current hour.

2. To set the minutes: After you have selected the hour, the minutes will flash. Use [+] and [-] as above to reach the correct minute. Press [ENTER] to select the correct current minute.

3. To set AM/PM, press [+] or [-]. Press [ENTER] to select.

NOTE: Clock is set on standard time. To change to military (24 hour) time, depress both [+] and [-] buttons simultaneously and hold for 5 seconds. If switched to military time, depress both [+] and [-] buttons simultaneously to return to standard time.

TIP: Holding [+] or [-] button down allows you to scroll more quickly through your time selection.

4. To set the current day: Use the [+] and [-] buttons to scroll to the current day of the week. When the correct day is lit, press [ENTER] to select.

B. Turn dial to [PROGRAM SET]

NOTE: For [PROGRAM SET] functions, use the [+] and [-] buttons to advance/go back through the selection options. When you have reached the desired setting, press [ENTER] to select.

1. To enter a program:
a. First scroll through the program #'s by depressing [+]. To start with Program 1, press

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[ENTER] when the 1 is lit (same process for programs 2-7 + Mist).

b. Once a program # has been entered, the start time will flash. Toggle through the times, using the [+] and [-] keys until you reach the desired start time. Press [ENTER] to select.

c. After a start time has been selected, the stop time will flash. Select a stop time in the same manner as above. Maximum time allowed = 180 minutes.

d. WATERING DAYS

Select the day(s) you would like to water. Press [ADD] to select each day desired.

Press [SKIP] to skip a day. When all watering days you are selected, press [ENTER]. You must press [ENTER] to complete your selection.

e. MIST CYCLE (on the LCD screen following Program #7)

The Mist Cycle is set for 20 seconds ON, 5 minutes OFF. Enter a start time and stop time and the timer will continue on the ON 20 seconds, OFF 5 minutes cycle for as long as you set the timer to programmed.

5 minute OFF time in a programmed interval.

C. Turn dial to [PROGRAM REVIEW]

This function allows you to view all selected programs. In the PROGRAM REVIEW mode, you are able to view selections but not make changes to the programs. Use the [+] and [-] buttons to view the program # you wish to review.

D. Turn dial to [PROGRAM SELECT]

This function allows you to choose which program(s) you wish to run. You may choose to run some or all of the programs which you have entered by pressing [ADD] to select the program # is illuminated on the LCD. When finished selecting, turn dial to [PROGRAM RUN]. You must enter the program #'s using PROGRAM SELECT prior to using PROGRAM RUN. The days you have selected will remain lit.

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This function allows you to skip a program. Use [SKIP] to skip a program.

E. Turn dial to [PROGRAM RUN]

Dial must be in this position for programs to run! This function allows you to run the programs. With the water turned on, programs will run at their programmed time(s). Programs must be entered using PROGRAM SELECT in order to run.

NOTE: Program will not start if selected after the START TIME has been reached. For example, if you finish manually watering at 6:15AM Mon., then turn your timer to RUN with a program scheduled to start at 6:00AM Mon., it will not run because the 6:00AM start time has passed. Program will run at the next scheduled time.

NOTE: If program start times overlap, timer will start at the first time selected and shut off at the latest time entered.

F. Turn dial to [PROGRAM ERASE]

This function allows you to erase a program that was previously entered.

a. Scroll through the program #'s, using the [+] and [-] keys.

b. Select the program # you wish to erase when it is lit by pressing [ENTER].

c. Now you are free to return to the PROGRAM SET function and re-enter a selection.

III. ATTACH TIMER TO FAUCET

1. Firmly attach the coupling nut on your timer to your faucet.

IV. ATTACH HOSE TO TIMER

1. Firmly attach your hose with sprinkler to the timer outlet on the right side. Position your sprinkler where desired in the yard.

V. MANUAL ON / MANUAL OFF – 2 options

This timer has been designed to allow manual operation with both outlets.

MANUAL USE OF TIMED OUTLET (OUTLET ON RIGHT SIDE):

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This function allows you to erase a program that was previously entered.

a. Scroll through the program #'s, using the [+] and [-] keys.

b. Select the program # you wish to erase when it is lit by pressing [ENTER].

c. Now you are free to return to the PROGRAM SET function and re-enter a selection.

VI. ATTACH THE CADRAN TO THE OUTLET

1. Align the timer to the outlet so that the dial is facing the outlet.

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