



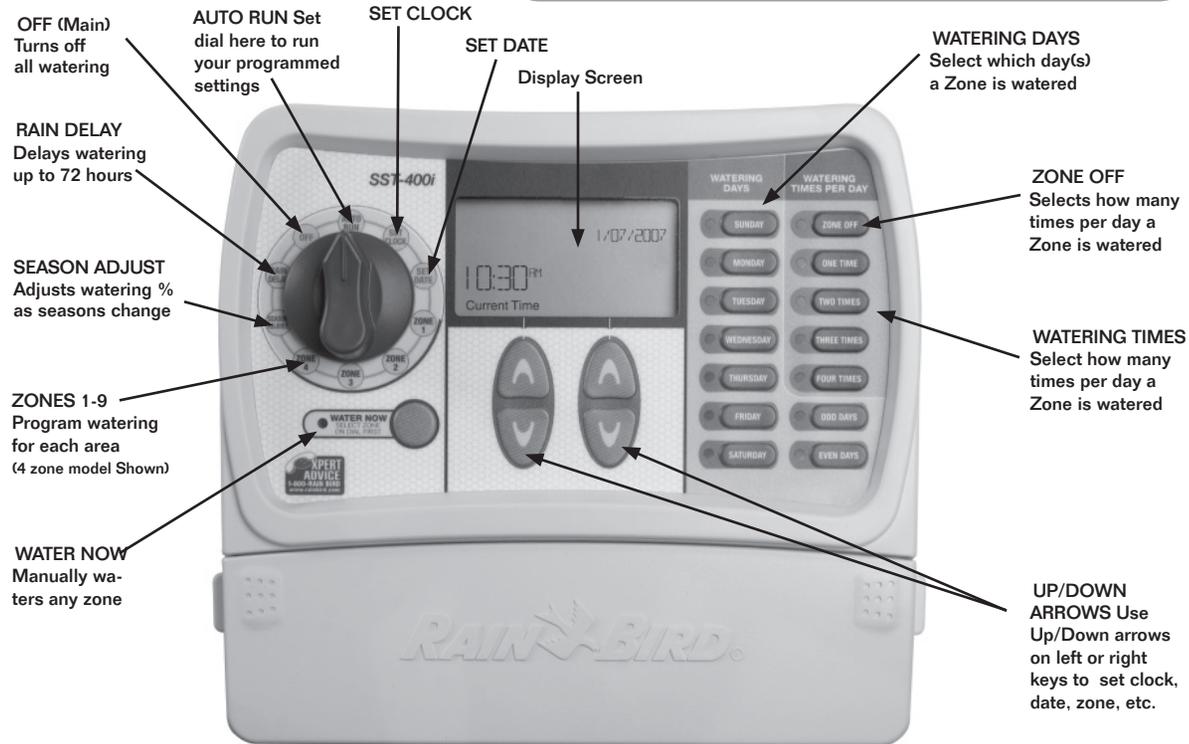
Simple To Set Timer Operation Manual



Welcome and thank you for purchasing the Rain Bird Simple To Set Timer! In the following pages, you will find step by step instructions on how to use every function included in your Simple To Set Timer. If at any time you have trouble understanding how to setup your timer, please call Rain Bird Technical Support at 1.800.Rain Bird and let us guide you through the setup process. Thanks again and we hope you enjoy your new timer.

Getting Started

Below is a diagram that shows all of the controls and displays for your timer. Use this diagram to become familiar with the timer functions



USER TIP: Always begin by turning the dial to the area you want make a change to and make your changes using the options and information displayed to the right and below the dial. For instance, if you want to set a schedule for Zone 1 in your yard, first turn the dial to "Zone 1" and then make your changes using the buttons to the right of the dial.

Setting Clock

The first thing you will want to do before setting up your watering schedule is to put the correct time into the timer. Follow the steps below.

To Set Clock:

Step 1

Turn dial to Set Clock

Step 2

Use left Up/Down arrow keys to choose current time



STOP IMPORTANT:
Reset dial to Auto Run after making any adjustments to the programming

Rain Bird Timer

Setting Date

The next thing you will want to do before setting up your watering schedule is to put the correct date into the timer. Follow the steps below.

To Set Date:

Step 1

Turn dial to Set Date

Step 2

Use left and right Up/Down arrow keys to choose current date



STOP IMPORTANT:
Reset dial to Auto Run after making any adjustments to the programming

Scheduled Watering

This section shows you how to set up a watering schedule for each Zone in your yard.

USER TIP: You will set up each Zone on its own schedule simply by repeating the steps below for each Zone you want to schedule.

Step 1

Turn dial to the Zone you wish to schedule

Step 6

Turn dial to next Zone and repeat Steps 2-5

Step 5

Use Up/Down arrow keys to select start time to water*

*If you selected more than one watering time per day in Step 3, then you will be asked to input the FIRST watering start time. All subsequent start times are at fixed intervals that cannot be changed and are noted in text above the Start Time. The fixed intervals are:

Watering Times per Day Options	Hours from First Start Time For Additional Watering Times
2 times per day	6 hours
3 times per day	4 and 8 hours
4 times per day	3, 6, and 9 hours

Zone to water

Select the day(s) of the week or odd/even days you wish to water

Step 2

Step 3

Select number of times per day to water**; default is once per day
**If you have trouble with water puddling or running off, you might consider watering more than once per day—but for less time each time you water. This will give the water a better chance of soaking into the soil and not running off into the street.

Step 4

Use Up/Down arrow keys to select how many minutes to water



IMPORTANT: Reset dial to Auto Run after making any adjustments to the programming

Water Now

This option allows you to water any single Zone on demand instead of waiting for the programmed schedule

USER TIP: Any watering you do with this function will not affect your normal schedule.

Water Now

Step 1

Turn the dial to the Zone you wish to water and press "Water Now"

Step 2

The Zone will start watering for a default 10 minutes

Step 3

Use the Up/Down arrows to adjust the number of minutes

Step 4

To stop watering before the time is up, return dial to Auto Run



STOP IMPORTANT:
Reset dial to Auto Run after making any adjustments to the programming

Rain Delay

Use this function to suspend watering for up to 3 days due to weather or other reasons.

USER TIP: Once the timer has waited the amount of time you select for Rain Delay, it will resume normal scheduled watering. Any scheduled watering that falls into the delay period will not occur.

Rain Delay

Step 1
Turn the dial to Rain Delay

Step 2
Use the right Up/Down arrows to adjust the amount of delay time



Step 3

Return dial to Auto Run



Screen displays current time and the number of Rain Delay hours that are left until regularly scheduled watering resumes.

STOP IMPORTANT: Reset dial to Auto Run after making any adjustments to the programming

Season Adjust

Use this option to make changes to account for seasonal changes without changing your schedule setting.

USER TIP: Depending on where you live, your landscapes watering needs can change throughout the year. In the summer, you may need to water more than at other times of the year, etc. Instead of changing your settings for each zone in your yard, you can adjust up or down the amount of time you water for your ENTIRE schedule with one simple adjustment using Season Adjust. Your scheduled times will not change, but the actual amount of time that is watered will be adjusted per your Season Adjust setting. Automatically adjust watering of any Zone(s) by percentages by using left Up/Down arrows to adjust from -90° to +100°.

Season Adjust

Step 1

Turn the dial to Season Adjust

Step 2

Use the left Up/Down arrows to adjust the percentage



EXAMPLE:
If you have Zone 1 scheduled to water for 10 minutes and you set Season Adjust to +50%, Zone 1 will then be watered for 15 minutes.

STOP IMPORTANT:
Reset dial to Auto Run after making any adjustments to the programming

Normal Operation

Below are different screens your timer might display while in Auto Run mode.



Normal Operation

Screen displays current time, the zone that is scheduled to be watered next, and the date and time it will be watered.



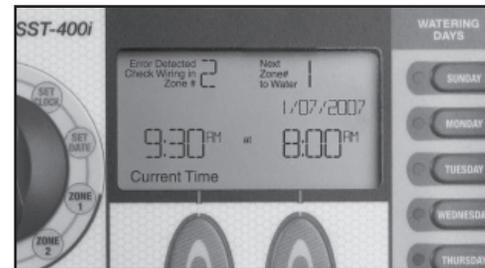
Watering Now

Screen displays current time, which zone is currently being watered, and the number of minutes remaining in the cycle for that zone.



With Rain Delay

Screen displays current time and the number of Rain Delay hours that are left until regularly scheduled watering resumes.



Valve Short

Troubleshooting

Watering Issues

Problem	Possible Cause	Possible Solution
Automatic and Manual cycles do not begin watering.	Water source not supplying water.	Make sure the main water line and all supply lines are open and operating properly.
	Wires not properly connected.	Make sure all field wires and master valve/pump start relay wiring is connected properly.
	Wires loose or cut; corroded connections.	Check field wiring for broken, cut, or "skinned" wires and replace if necessary. Check all wire connections and replace with watertight splice connectors as needed.
	Dial not set to AUTO RUN.	Make sure the dial is on AUTO RUN—not any other dial position.
	If you have a Rain Sensor, it may be activated.	You can either wait until the Rain Sensor dries out, or disconnect the Rain Sensor from the yellow terminals on the timer and replace it with a wire connecting the two yellow terminals.
	If you do not have a Rain Sensor, the wire connecting the two yellow Rain Sensor terminals may be damaged or missing.	Connect the two yellow Rain Sensor terminals in the timer's terminal bay with a short length of 14 to 18 gauge wire.
	An electrical surge may have damaged the timer's electronics.	Press the reset button under the wiring cover. If there is no permanent damage, the timer should resume normal operation. You will need to input the correct time and date, but your watering schedule should remain intact.

Electrical Issues

Problem	Possible Cause	Possible Solution
LCD Display is blank.	Transformer not plugged in.	Make sure the two-prong connector is connected and the transformer is securely plugged in.
	Wall socket not supplying power.	Make sure the main AC power supply is working properly.
LCD Display is "frozen" and the timer will not accept programming.	An electrical surge may have damaged the timer's electronics.	Unplug the timer for 3 minutes. Plug the timer back in. If there is no permanent damage, the timer will accept programming and resume normal operation.

Notes

Zone	Notes



In the interest of product improvement, Rain Bird reserves the right to change product design or specifications without notification.

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