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Programming Chart	Troubleshooting	Connecting Rain Sensor	Master Valve or Pump Start Relay	Connecting Power Cord	Mounting Controller	Normal Operation	Adjust Water	Rain Delay	Water Now	Schedule Watering	Set Date	Set Clock	Controller Functions	Contents	Thanks again and we hope you enjoy your new Controller.	will find step by step instructions on how to use every function included i	Thank you for Purchasing the Rain Bird Simple To Program Controller! In t
16	15	14	12		10	9	8	7	6	5	4	3	2			n your STPi Controller.	ne following pages, you

Welcome!

Installation, Programming & Operation Guide

Simple To Program (STPi) Controller

STPi Controller Operation Manual

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 Watering Times Per Day Options
 Hours From First Start Time

 2 times per day
 6 hours

2 times per day6 hours3 times per day4 and 8 hours4 times per day3, 6 and 9 hours

EXAMPLE: If the first start time for Zone 1 is programmed for 8:00 AM and the user has selected THREE TIMES, then the second start time will be at 12:00 PM and the third start time will be at 4:00 PM.

For start time details see page 16.

NOTE: The Controller is designed to prevent any two zones from irrigating at the same time. This feature is called "Program Stacking"

TIP: The best way to condense the irrigation schedule is to set each zone's start time the same. For example: If both Zone 1 and Zone 2 are scheduled to irrigate on the same day and both start times are set for 8:00 AM (with a 10 minute run time), then Zone 1 would begin irrigating at 8:00 AM and Zone 2 would begin irrigating at 8:10 AM (after Zone 1 has stopped).

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Normal Operation

Below are different screens your Controller might display while in AUTO position mode.



Normal Operations

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



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



Watering Now

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



When an error is detected, screen displays the affected Zone # in upper-left corner. **Error Detected**

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Troubleshooting

Watering Issues		
Problem	Possible Cause	Possible Solution
Automatic and	Water source not supplying water.	Make sure the main water line and all supply lines are open and operating properly.
Manual cycles do not begin	Wires not properly connected.	Make sure all field wires and master valve/pump start relay wiring is connected properly.
watering.	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 position.	Make sure the dial is on AUTO position—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 Controller 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 Controller's terminal bay with a short length of 14 to 18 gauge wire.
	An electrical surge may have damaged the Controller's electronics.	Press the reset button under the wiring cover. If there is no permanent damage, the Controller should resume normal operation. You will need to input the current time and date, but your watering schedule should remain intact.
Electrical Issues		

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

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Programming Chart

9	8	7	6	S	4	3	2	1	Zone
									Zone Description
Min	Run Time (max 240 min.)								
S M T W T F S ODD EVEN	S M T W T F S ODD EVEN	S M T W T F S ODD EVEN	S M T W T F S ODD EVEN	S M T W T F S ODD EVEN	S M T W T F S ODD EVEN	S M T W T F S ODD EVEN	S M T W T F S ODD EVEN	S M T W T F S ODD EVEN	Watering Days (circle days that apply)
: AM PM	: AM PM	: AM PM	: AM PM	: AMPM	: AM PM	: AM PM	: AM PM	: AM PM	* Start Time No. 1 (15 min.increments)
1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	Total Start Tin (circle numbe starts)
4	4	4	4	4	4	4	4	4	r of

NOTE: A total of 4 start times can be assigned for each zone (this can be helpful for zones irrigating tight soils and slopes).

* Start Time Sequenc	e (hours after first progra	immed start time)		
No. of Start Times	1st Start Time	2nd Start Time	3rd Start Time	Start Time
One Time	as programmed	n/a	n/a	n/a
Two Times	as programmed	6 hours	n/a	n/a
Three Times	as programmed	4 hours	8 hours	n/a
Four Times	as programmed	3 hours	6 hours	9 hours

EXAMPLE: If the first start time for Zone 1 is programmed for 8:00 AM and the user has selected THREE TIMES, then the second start time will be at 12:00 PM and the third start time will be at 4:00 PM.

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Ouverture découpée pour pouvoir accrocher le manuel à côté du programmateur.

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