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## Rain bird sst 400 in manual

Set Time Turn the dial to the SET TIME position. Press the RIGHT UP/DOWN arrow keys to set he Run Time duration). Outdoor Model Turn on main power supply or plug the power cord into a waterproof receptacle. Loading page 10... Connected Product Help/Support If you have any questions or need personal assistance, please give us a call toll-free at (800) HELLO-AG (800-435-5624) Monday through Friday from 5 AM to 5 PM Pacific Time. Loading page 14... Welcome and thank you for purchasing the Rain Bird SST Smart Controller! In the following pages, you will find step by step instructions on how to use every function included in your Controller. Loading page 7... Loading page 20... Blown transforme LCD Display is "frozen" and timer will not accept programming. Normal Operation Not Watering Screen displays the current time, the zone that is scheduled to be watered next, and the date and time when watering will occur. "Press the UP/DOWN arrow keys to set the time (verify AM/PM setting is correct). "Press the LEFT UP/DOWN arrow keys to set the year. SST-400i timer pdf manual download. B Connect a color coded wire from the direct burial cable to either wire on the valve. Check field wiring for damage and replace if necessary. Program details are kept in long term non volatile memory so they are not lost even after long power outages. Set Date Loading page 15... Step 3. Timer Connections A Use a wire stripper to strip away approximately 1/4" of insulation from the end of the valve wire. Water All Zones Now g Turn the dial to AUTO RUN. Test Watering A Turn the dial to the ZONE 1 position. This warranty is limited to the electronic circuitry and original case of the product and specifically excludes damage caused by abuse, unreasonable use or neglect. Hard-wire Installation c WARNING: Disconnect or shut off the external power source before connecting or disconnecting wires to the timer. B Remove the yellow jumper wire from the terminals marked NOTE: Do not remove the jumper wire unless connecting a rain sensor. Simple To Set Timer. • Metal contacts are up, not touching surface with water. • Battery is dead. • Battery is not placed in correct area of case. • Change the battery. • Place a piece of thin paper or plastic between water detector and metal surface. • Wipe metal contacts dry. C Unscrew the wire-nuts from the three wires connecting the power cord to the timer. Proper battery position will allow the detector to float in the event of a flood. Verify System Operation .....4Battery Pull Tab .....4Apply Power .....4Test Watering .....4Optional Accessories .....4Rain Sensor .....4Master Valve or Pump Start Relay ..... Seasonal Adjust Error Detected If an error is detected, the affected zone is displayed. This conserves battery power for future outages. Verify the power cord is connected and securely plugged in (indoor). becomes 15 min. For example, if zones 3 and 4 are both set to run for 10 min. Press the button(s) to turn off the days you don't want to water. D Remove the metal bracket holding the power cord to the back of the wiring compartment and pull the cord out through the bottom of the cabinet. Indoor Timer Attach the transformer connector to the 24VAC POWER pin connection on the terminal strip. NOTE: Any scheduled watering that falls within the delay period will not occur. Rain bird SST-400i Pdf User Manuals. Outdoor Timer Standard Installation The SST outdoor version comes with a power cord and 24VAC transformer already connected. Delay Press the UP/DOWN arrow keys to set the delay time for up to 3 days (72 hours). Wires damaged or corroded. c WARNING: Do not attempt to link two or more timers together using a single transformer. Loading page 12... Active watering days will show lights illuminated. Loading page 16... Repeat Step 3 for remaining zones. Rain Bird SST400iN Garden -Use Manual - Use Guide PDF. An installed Rain Sensor may be activated. Loading page 24... Water 1 Zone Now g Turn the dial to select a ZONE. Enter the current Date and Time on the controller. When ODD/EVEN DAYS is pressed, st press will show Odd Days on the screen. NOTE: Do not plug the timer into a socket that is controlled by a secondary ON/OFF light switch or GFI outlet. An electrical surge may have damaged the timer's electronics. D Replace the wiring bay cover on front of the unit. Any implied warranties applicable to this product are limited to the one year period following its purchase. 3Valve Connections ..... Turn coin to separate.Connect brand new 9V alkaline battery to clip. NOTE: If a second, third, or fourth watering time is scheduled earlier in time than a previous time, the timer will automatically reorder the times sequentially the next time the dial is turned to that zone #. Disconnect power to the timer for 3 minutes, press the reset button, then turn back on. C Connect the common wire to one of the COMMON slots on the terminal block. This warranty is in lieu of all other warranties, express or implied, and no other representations or claims of any nature shall bind or obligate Zircron. If you have any questions or need personal assistance, please call Rain Bird Technical Services at (866) GSP-XPRIT (477-9778), Monday through Friday from 5 AM to 5 PM Pacific Time. Connected Product Help/Support Manuals and User Guides for Rain Bird SST-400i. When CYCLIC WATERING is pressed: Press the LEFT UP/DOWN arrow keys to increase or decrease the number of days between watering (EVERY DAYS). Press the LEFT UP/DOWN arrow keys to set the start time. Documents: Go to download! User Manual Other Documents Other Content - (English) User Guide Rain Bird SST400iN Garden Phillips screwdriver Wire stripper Hammer Valve wire: direct burial, color coded multi-strand (not included) gauge for runs less than 800 feet. Select Watering Times Per Day Press the TIMES PER DAY buttons to schedule the number of times per day to water. Check the indicated zone wiring for damage and replace if necessary. Debris trapped in valve. Loading page 15... Adjust Percentage Press the UP/DOWN arrow keys to adjust the percentage. Dial not set to AUTORUN position Turn the dial to set date and set time and use UP/Down arrows to set correct date and time Date and/or Time is not set correctly. Any in-warranty defective product returned to Zircron\*, freight prepaid with proof of purchase date and \$5.00 to cover postage and handling, will be repaired or replaced at Zircron's option. Check all connections and replace with watertight connectors as needed. C Connect the remaining wire on each valve to a "common" wire which then connects to the timer. We have 1 Rain Bird SST-400i manual available for free PDF download: Operation Manual. g Turn the dial to AUTO RUN. C Locate the keyhole slot on back of the unit and hang it securely on the screw. 6Seasonal Adjust .....6Rain Delay .....6Page 2 Leak Alert" + LED! Electronic Water DetectorUndetected water can cause thousands of dollars indamage. To stop watering the active zone and skip to next zone, press the WATER ALL ZONES NOW button again. Timer is not receiving power. Loading page 5... Return product freight prepaid with proof of purchase date (dated sales receipt) and \$5.00 to cover postage and handling, to-Zircron Corporation\*Attn: Returns Department 1580 Dell Avenue Campbell, CA 95008-06992 USABe sure to include your name and return address. NOTE: When Odd Days or Even Days is first pressed it will flash a few times on the screen and then stay illuminated. nd press will show Even Days on the screen. Connect Power .....2Indoor Timer .....2Outdoor Timer .....2Step 3. Minutes Remaining Zone Rain Delay Screen displays the current time and the number of delay hours that are left until regularly scheduled watering resumes. Watertight splice connectors (not included) A For indoor installation, choose a location within 5 feet of an AC power outlet and at least 15 feet away from major appliances or air conditioners. Loading page 13... Repeat to set additional watering times, up to 4 per day. See "Rain Sensor" on page 3 for more information. Verify the main water and all supply lines are open and operating properly Wires not properly connected. Select Run Days Press the RUN DAYS buttons to select which days to water. A Remove the wiring bay cover at the bottom of the unit. Protect your home from potential water damage by keeping a Leak Alert™ + LED! water detector anywhereflooding is a potential danger—near aquariums, sump pumps, plumbing, washing machines, water heaters,toilets, basements, and garages.1. INSTALLING THE BATTERYInsert a coin between top and bottom halves of case. c WARNING: Be sure to connect the color coded external wires to the same color internal connection wires, as follows: Black wire (power) White wire (neutral) Green wire (ground) GVerify that all wiring connections are secure, then replace the wiring compartment cover Step 3. B Locate the wiring compartment in the lower left-hand corner of the unit and using a screwdriver, unscrew wiring compartment front cover. The timer will not function if the jumper wire is removed and a rain sensor is not connected. Connect Valve Wires To Timer Valve Connections A Use direct burial cable to run wiring from the timer to valves in the field. Verify field wires are connected properly including the timer, master valve (or pump start relay) and any spliced connections. • 101 Cypress Way • Brandon, MS 39042 • www.thebayou.comSafety Alerts, Assembly & Operating InstructionsGeneral Maintenance & StorageThis Instruction Manual contains important information necessary for the properassembly and safe use of this appliance. Loading page 8... B Using a direct burial cable, connect the remaining wire from the master valve (or pump start relay) to one of the timer terminals marked COMMON. Loading page 23... Also for: Sst-600i, Sst-900i. Operation will resume when sensor dries out. D Remove the wiring bay cover at the bottom of the unit and drive a screw through the center hole as shown (use the supplied wall anchors if necessary). B To stop watering before time is up, press the WATER 1 ZONE NOW button a second time. View online or ... Rain Bird SST-400i: Operation Manual | Brand: Rain Bird | Category: Timer | Size: 2.41 MB | Pages: 13 SST timers support the use of a master valve or pump start relay. Press the WATER 1 ZONE NOW button to start watering default run time of 10 minutes). Master Valve Or Pump Start Relay Connect an optional master valve or pump start relay SST timers support the use of a master valve or pump start relay. Set Clock .....6Step 2. Press the RIGHT UP/DOWN arrow keys to set the duration. 3Timer Connections .....3Step 4. 1Rain+BirdSimple To Set Timer (SST) Setup & Operation InstructionsEnglishSymbolsNOTE: Alerts user to important operating functionality or installation instructions.cWARNING: Alerts user to the presence of elec-tricity which may pose a risk of shock or other hazard.gDIAL. Indicates user is required to turn the timer dial to the appropriate position.For help setting up or operating the SST timer, please call Rain Bird toll-free Technical Support at:1-800- RAIN BIRD (800-724-6247) or visit www.rainbird.comNormal Operation .....7Not Watering .....7Watering Now .....7Rain Delay .....7Seasonal Adjust .....7Error Detected .....7Manual Operation .....7Water All Zones .....7Water One Zone .....7Troubleshooting .....8Watering Issues .....8Electrical Issues .....8Installation .....8Tools and Supplies Needed .....2Step 1. WARNING: To prevent damage to the timer, connect only ONE valve to each open zone slot on the terminal block. Connect an optional Rain Sensor to the Timer A Remove the wiring bay cover at the bottom of the unit. Loading page 9... NOTE: If the timer doesn't have AC power for more than a week, the time needs to be reset. Loading page 22... Operations subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.Leak Alert and Zircron are registered trademarks or trademarks of Zircron Corporation. Visit www.zircron.com/support for the most current instructions. LIMITED 1 YEAR WARRANTYZircron Corporation, ("Zircron") warrants this product to be free from defects in materials and workmanship for one year from the date of purchase. Press the Right UP/DOWN arrow keys to set the Run Time (duration). Position battery according to the diagram on the right. Dry the contacts to stop the alarm in the event of low battery, water detector will chirp (short beep every five seconds). Note that the timer does NOT provide main power for a pump Controls and Indicators Setting the Timer Step 1. Loading page 4... E Route the three wires from an external power source into the wiring compartment. Optional Features Multiple Start Times After selecting a time per day the screen will show that time, "First", as an example. B Push the exposed end of the color coded wire from each external valve (or zone) into the corresponding zone number on the terminal block. (ii) this warranty gives you specific legal rights and you may also have other rights which vary from state to state. Minutes Remaining Zone Press the UP/DOWN arrow keys to adjust the run time. Seasonal Adjust Adjust for seasonal weather variation g Turn the dial to SEASONAL ADJUST. Next Run Time Watering Now Screen displays the zone currently being watered and the number of minutes remaining for that zone. Loading page 11... Out of warranty service and repair, where proof of purchase is not provided, shall be returned with repairs charged C.O.D. Allow 4 to 6 weeks for delivery. For example, if a 4 zone model timer is in use with only two zones connected, route the terminals for zones 3 and 4 to the nearest active terminal (zone 2 in the example below). To test operation, disconnect the Sensor and connect a jumper wire between the Rain Sensor terminals. NOTE: Adjustment applies to ALL watering run times (durations) for all zones. Troubleshooting Watering Issues Automatic and manual cycles do not begin watering. F Using the wire-nuts, connect the external power wires to the internal connection wires inside the wiring compartment. For example, a +50% adjustment means 10 min. If you have any questions or need personal assistance, please give us a call toll-free at 1-800-RAINBIRD (1-800-724-6247) Monday through Friday from 5 AM to 5 PM Pacific Time. WARNING: Make sure that the total draw of the master valve and/or pump start relay) plus the draw of the valve does not exceed 650mA at 24VAC, 60hz. Connect the two yellow Rain Sensor terminals with a short length of 14 to 18 gauge jumper wire. If there is no damage, the timer will accept programming and resume normal operation. Please replace with brand new 9V alkaline battery immediately. 3. PLACEMENTPlace Leak Alert™ + LED! water detector facing up and flat against the surface, with metal sensing contacts down.Leak Alert™ + LED! water detector will not function properly with contacts up.4. FLOODINGLeak Alert™ + LED! water detector will float (if battery is inserted according to diagram inside battery compartment) and alarm will sound for life of battery, up to 72 hours.5. HELPFUL HINTSAlarmSensing ContactsFlashing LEDBattery Access Situation Probable Cause SolutionsFalse alarm sounds.Detector does not sound alarm even when touching water.Detector does not float. • Battery voltage is low. • Water detector is on a conductive surface (i.e. metal). • Ambient moisture has collected on metal contacts. Depending on your landscape setup, you may need to run extension wires for the power and common connections. Additional instructions for connecting a pump start relay To avoid possible pump damage, connect a short jumper wire from any unused zone terminal(s) to the previous terminal, continuing back to the nearest zone terminal in use as shown below). Press the LEFT UP/DOWN arrow keys to set the Start Time. Schedule Watering .....6Set Start Time and Run Time ..... Zone Error Important! Always return the dial to AUTO RUN when programming is completed. gauge for runs greater than 800 feet. Electrical Issues LCD Display is blank. Run Time Start Time NOTE: Multiple zones having the same start time will run in sequence by zone number. IN NO EVENT WILL ZIRCONE BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM POSSESSION, USE OR MALFUNCTION OF THIS PRODUCT.In accordance with government regulations, you are advised that: (i) some states do not allow limitations on how long an implied warranty lasts and/or the exclusion or limitation of incidental or consequential damages, so the above limitations and/or exclusions may not apply to you, and further. Securely close case. TESTINGWet your finger and touch the two sensing contacts. A loud, repetitive series of beeps will sound and the LEDs will flash red. Page 3 Explore the Rain Bird Support Center to find manuals, literature and videos on current and discontinued Rain Bird products. at 8:00 AM, zone 3 will run first at then zone 4 will run afterwards at 8:10. Press the RIGHT UP/DOWN arrow keys to adjust the Cyclic Watering start date. NOTE: By default ALL days are lit. Loading page 6... g To stop manual watering, turn the dial to OFF, wait until watering is stopped and then back to AUTO RUN. Loading page 19... 6Select Watering Days ..... g To stop manual watering, turn dial to OFF, wait until watering is stopped, and then turn dial to AUTO RUN, or press the Water 1 Zone Now button a second time. NOTE: Do not remove the yellow jumper wire on the terminals marked RAIN SENSOR unless you're connecting an optional rain sensor. A Using a direct burial cable, connect one of the wires from the master valve (or pump start relay) to the timer terminal marked MSTR VALVE. Homeowners! If you have any questions or need personal assistance, give us a call toll-free at 1-800-RAINBIRD (1-800-724-6247) Monday through Friday from 5 AM to 5 PM Pacific Time. Verify the transformer is wired correctly and the circuit breaker is on (outdoor). Water source not supplying water. Loading page 18... Customer Service: 1-800-245-9265 or 1-408-963-4550Monday-Friday, 8:00 a.m. to 5:00 p.m. PST (email protected) • www.zircron.com © 2016 Zircron Corporation • P/N 67707 • Rev A 02/16ENZircronCorporation ZirconTV ZirconTools|ZirconToolProZirconTools9V BatteryPage 3 Explore the Rain Bird Support Center to find manuals, literature and videos on current and discontinued Rain Bird products. Loading page 3... "Press the RIGHT UP/DOWN arrow keys to set the month and day Step 3 Schedule Watering Turn the dial to select the desired ZONE (from 1 to 12). SST timers support the use of a master valve or pump start relay. Delay Remaining Current Time Seasonal Adjust Screen displays the percentage adjustment for all zones. If you have any questions or need personal assistance, please give us a call toll-free at 1-800-RAINBIRD (1-800-724-6247) Monday through Friday from 5 AM to 5 PM Pacific Time. NOTE: Use water-tight connectors for all wire splice connections. D Check that all wiring connections are secure. 6Select Watering Times Per Day .....6Optional Features .....6Multiple Start Times ..... • Place detector in face-up position, open battery compartment, and position battery per diagram.REPLACE BATTERY AND RETEST UNIT ANNUALLY.FCC Part 15 Class B Registration WarningThis device complies with Part 15 of FCC Rules. Loading page 21... An electrical surge may have damaged the timer's electronics. 5Controls and Indicators .....5Setting the Timer ..... g To stop manual watering, turn dial to OFF, wait until watering is stopped, and then turn dial to AUTO RUN, or press the Water 1 Zone Now button a second time. NOTE: Do not remove the yellow jumper wire on the terminals marked RAIN SENSOR unless you're connecting an optional rain sensor. A Using a direct burial cable, connect one of the wires from the master valve (or pump start relay) to the timer terminal marked MSTR VALVE. Homeowners! 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