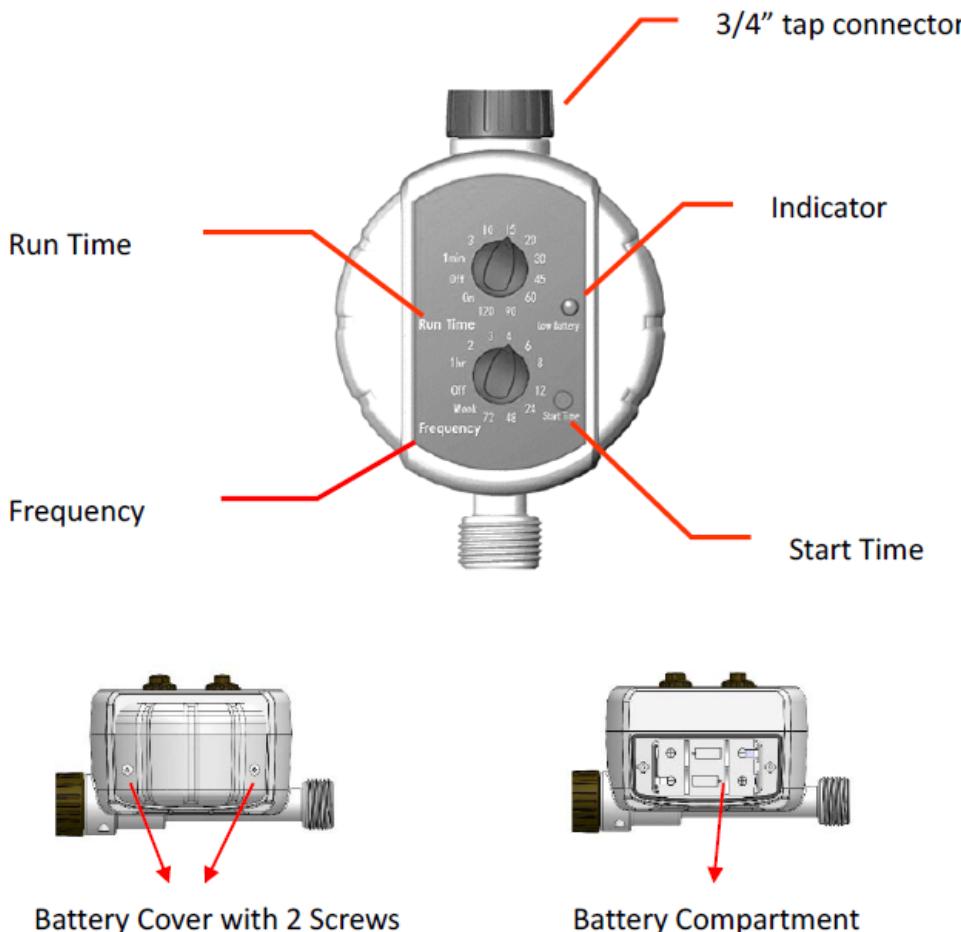


## Smart Irrigation Controller SC6400

The most compact size tap timer for garden watering and micro dripping

This newly designed battery operated tap timer is simply powered by battery and easy to program dial settings. The ball valve mechanism provides consistent performance and increased reliability for home and garden hose and drip irrigation systems.



### Key Features

- Connects to 3/4" Hose Bibb or Y Ball Valve
- Inlet: 3/4" FHT (Female Hose Thread)
- Outlet: 3/4" MHT (Male Hose Thread)
- Powered by two AA alkaline Batteries
- 12 Frequency and Duration settings provide customized combinations
- Both Programmed and Manual Watering Options are available
- Durable and Consistent Watering Control by Ball Valve
- Low Battery Indicator
- Time delay function up to 12 hours per day
- Max. & Min. operating pressure: 125 / 10 psi
- Product Size: 6" \* 4" \* 3.5"

*\* 3/4" to 1" adapter and 3/4" hose connector are optional.*

### How to Install

1. Hold the controller with the battery compartment facing you. Unscrew the case and put two AA alkaline Batteries into it. Make sure the case is installed back properly and fasten the screw. Please keep battery compartment dry during changing battery.
2. Test the timer with correct battery installed. Simply turn "Run Time" knob to "ON" position and the indicator will flash once in "Green". If the battery power is low, the indicator will continuously flash in "Red" until the power runs out.
3. Highly recommend to program the timer prior to connecting to the tap. The program process will be illustrated in the following.
4. Hold the unit steady. Hand tighten the collar onto the faucet/tap until it is secured. Do not use a wrench or pliers and avoid over tighten. Please make sure the size of taps (3/4" or 1") before installation; using the adapter if needed.
5. Turn on the faucet/tap and ready to use.

### How to Program

Once the timer is on; simply determine your watering frequency and run time, and then turn the knob to the correct position.

**IMPORTANT: READ ALL INSTRUCTIONS BEFORE INSTALLING BATTERIES. BE SURE TO SAVE THIS INSTRUCTION FOR FUTURE REFERENCE.**

### How to Set the Watering Frequency

Turn the knob to the desired frequency. It will begin after the frequency has been setting for 2 secs. Whenever the knob is turned to the new setting for 2 secs, the frequency resets to the new one. The frequency has 11 options :

- (1) By hour(s): 1,2,3,4,6,8,12,24,48,72
- (2) By week: WEEK(per week)

*\*Frequency setting must be longer than duration setting.*

### How to Set the Watering Run Time

Turn the knob to the desired duration. The water will be controlled by the frequency and duration settings, and then close automatically. The duration has 10 options:

- (1) Off: the valve will be always close when the knob is in this setting.
- (2) On: the valve will be always open when the knob is in this setting.
- (3) By min(s): 1,3,10,15,20,30,45,60,90,120
- (4) Manual watering: To water outside of the setting, turn the knob to "ON", and water will flow continuously until the knob is turned to "OFF"(always close) or other desired settings.

### How to Set "Start Time" Function

You can easily delay the start time of current watering program by pushing "START TIME" button. After all the watering program is set, push "START TIME" button until the indicator turned on in "Red". Once the red indicator shows, push the button per time for each hour, up to 12hours max. Every time the button pushed, the indicator will flash in "Green". For example, if you want to delay the program for 5 hours, please push the button 5 times (the indicator will flash in green 5 times as well). Once the red indicator is off, the start time setting complete.

*\*Please complete the programming process within ONE minute.*

*\*Every time push "START TIME" button and the indicator turns red; the start time program has been reset.*

### Trouble Shooting

1. No watering operation
  - Check faucet turns on or not
  - Check "Run Time" knob is not at "OFF" position
  - Check the battery power condition
2. No manual operation
  - Check "Run Time" knob is at "ON" position
  - Check the battery power condition
3. Faucet or hose leaking
  - Check the washer is included or missed
  - Tighten the swivel couplings
4. Low Battery Power
  - Check the indicator turns red or not
  - Change the batteries immediately and reset the program

### Warning



Do not use a wrench to tighten swivel faucet coupling. It might cause damage to the swivel coupling of the timer.

### How to Set "Smartphone Control" Function

Turn the Watering Run Time knob to the off position.

Turn the Watering Frequency knob to the off position.

Download the rainrobot App from Apple Store or Google Play, The app will help you create an account and set up your Smart Irrigation Controller .

If you have any questions or difficulties, visit [www.rainrobot.com](http://www.rainrobot.com) .

This device complies with Part 15 of the FCC Rules. Operation is 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.