

HydroSure

IRRIGATION SYSTEMS THAT WORK

Rain Sensor Tap Timer

www.hydrosure.com

COMPONENTS INCLUDED



1. BATTERY COMPARTMENT COVER

2. BATTERY COMPARTMENT

- Remove the battery compartment cover (1) on the back of the timer.
- Insert 2 new AA (1.5V) alkaline batteries (not included).
- Put the battery compartment cover (1) back on the timer and press firmly to make sure it is completely sealed.
- Use only fresh alkaline batteries at the beginning of the season. DO NOT use rechargeable batteries.

ACTIVATE THE TIMER BEFORE USE

Please activate the device before using it for the first time or after a period of inactivity.

- Keep the garden faucet turned off.
- Press the [7] (7) button to enter Manual Watering Mode.
- When the screen flashes, Press the [7] (7) button again to run manual watering.
- After hearing the "click" sound, the valve in the timer is opened, and then press the [7] (7) button to close the valves.
- Repeat the step 2-4 for 3-5 times.
- **Test:** Turn on the faucet a little bit, and then repeat the step 2-4 to check if the water flow out or shut off as expected.

If yes, the timer valves are activated successfully. Please use the timer with confidence! If not, please repeat the step 2-3 several times or contact us immediately for support.

Note: When testing, please keep away from the water timer outlet to avoid being splashed and wet.

3. 3/4" ADAPTER

4. FILTER

Filter traps dirt particles and prolong life of timer. Clean filter regularly.

5. COLLAR RING

Loosen the collar ring (5) until the tap adaptor (3) is unlocked, screw the tap adaptor (3) tightly on to a tap and then tighten the collar ring (5). DO NOT use spanners or pliers to avoid damage to the timer.

6. BIG LCD SCREEN

7. MANUAL BUTTON

Water manually.

8. MENU BUTTON

Switch functions for time and plan setting, and review the set details.

9. + BUTTON

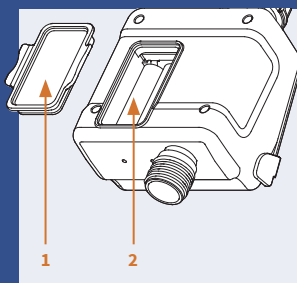
Adjust time and system setup.

10. - BUTTON

Adjust time and system setup.

11. MALE SNAP-ON CONNECTOR

Power:
2 AA alkaline batteries
required (not included)



PROGRAMMING THE TIMER



1. SET FUNCTIONS

Click the setting button (⏸) to switch the function interface, when the button is pressed, the order of menu switching is set current time.

SET IRRIGATION PLAN 1 ON/OFF

- Set plan 1 start time
- Set plan 1 duration
- Set plan 1 frequency

SET IRRIGATION PLAN 2 ON/OFF

- Set plan 2 start time
- Set plan 2 duration
- Set plan 2 frequency

SET IRRIGATION PLAN 3 ON/OFF

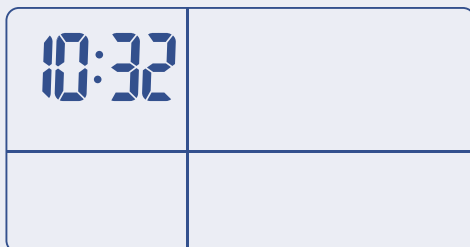
- Set plan 3 start time
- Set plan 3 duration
- Set plan 3 frequency

14 functions in standby interface, when user is in any interface other than standby interface, it will return to standby interface after 20 seconds without key operation.

2. POWER-ON VALVE SHUT-OFF FUNCTION

When there is no display on the LCD after a power off of more than 30 seconds, the valve shutdown operation should be executed immediately when the battery is installed.

3. REAL-TIME SETTING FUNCTION



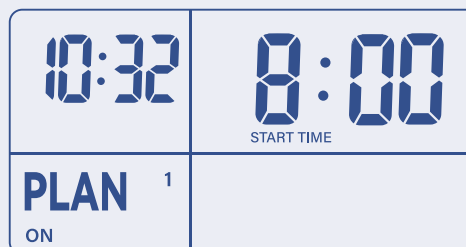
- Switch to the current time setting by clicking the Set button (⏸) hours flashing.
- Click "+" or "-" to increase or decrease the hour setting value.
- After the hour is set, click the setting button again, the minute flashes.
- Click "+" or "-" to increase or decrease the minute setting value. When setting, long press "+" or "-" for 2 seconds can increase or decrease 16 per second, when clicking the setting key again to switch out the current setting or when there is no key operation for 20 consecutive seconds, the current time setting takes effect and the second value starts from 0.

4. IRRIGATION PLAN ON/OFF FUNCTION



- By clicking the set button to switch to the plan on/off function.
- Then will display the "Plan" and "1". The "ON" icon flashes, press the "+" or "-" can switch into "on" or "off".
- If the current option is "ON", click the setting button again to switch to the next plan of current start time.
- If the current option is "OFF", click the setting button again to switch to the next plan setting.
- If the current plan was three, then switch to the next setting option, when clicking the setting button to switch out the current setting or no key operation for 20 seconds, the current ON/OFF setting takes effect.

5. START TIME FUNCTION

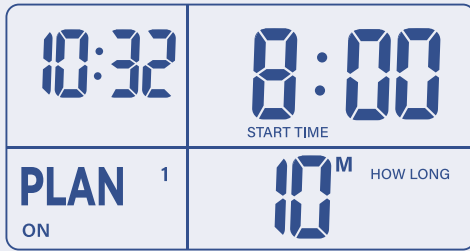



- Switch to the current time setting by clicking the Set button (⏸) hours flashing.
- Click "+" or "-" to increase or decrease the hour setting value.
- After the hour is set, click the setting button again, the minute flashes.
- Click "+" or "-" to increase or decrease the minute setting value.
- When setting, long press "+" or "-" for 2 seconds can increase or decrease 16 per second.
- When clicking the setting key again to switch out the current setting or when there is no key operation for 20 consecutive seconds, the current time setting takes effect and the second value starts from 0.

PROGRAMMING THE TIMER




6. "HOW LONG" FUNCTION







- When switching to the "HOW LONG" setting by clicking the setting button.
- Click "+" or "-" to increase or decrease the working hour setting value, when the working hour is 59 seconds, click "+" to display the value to 1 minute.
- When the working hour is 1 minute, click "-" to display the value to 59 seconds, long press 2 seconds "+" or "-", will increase or decrease 16 per second. The range of adjustment is from 1 second to 300 minutes.
- When the current setting  is switched out by clicking the setting key or when there is no key operation for 20 consecutive seconds, the current working hour setting takes effect.

7. "HOW OFTEN" FUNCTIONS




- When switching to "HOW OFTEN" by clicking the set button .
- Click "+" or "-" to increase or decrease the setting value of frequency.
- When the frequency is 23 hours, click "+" button to show the value change to 1 day.
- When the frequency is 1 day, click "-" button to show the value change to 23 hour, long press "+" or "-" button for 2 seconds can increase 16 or decrease 16, the range of adjustment is from 1 hour to 15 days, when clicking the set key to switch out the current setting or when no key operation for 20 consecutive seconds, the current working hours setting takes effect.

8. RAIN SENSOR FUNCTION

- In standby mode, long press the button "-" to turn on or off the rain sensor function. The default rain sensor function is on.
- When the rain sensor function is turned on, the  icon lights up on the LCD screen. And when the rainfall sensor is filled with water, the detection electrode is turned on, the LCD screen only display the current time, hour value, minute value, ":" and  icon, where ":" and  icon lights up every 0.5 seconds for 0.5 seconds.
- When the function is turned off, the  icon goes off on the LCD screen.
- If the rain sensor is triggered after the function is turned on, all plans during the triggering period will not be executed.
- If the function is turned off, the unexecuted plans will resume normal execution.
- Rain sensor untriggered state:




- Rain sensor is triggered state, and the icon flashes every 0.5 and the  flashes every 0.5 seconds.

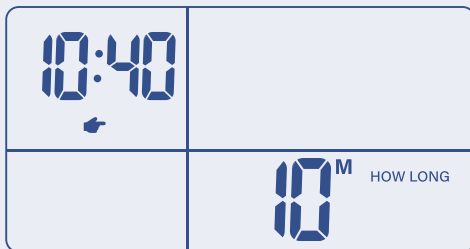


PROGRAMMING THE TIMER



9. MANUALLY WATERING FUNCTION

- In standby mode, switch to manual watering by clicking the manual  button.
- Click "+" or "-" to increase or decrease the setting value of manual working hours.
- When the manual watering is 59S, click "+" button to display the value to 1 minute.
- When the watering for 1 minute, click "-" button to display the value to 59s.
- Long press "+" or "-" for 2 seconds to increase 16 or decrease 16 per second, the adjustment range is from 1 second to 30 minutes.
- Click the manual button to start manual work immediately.
- If there is no key operation for 20 consecutive seconds, it will return to the standby interface.
- Setting interface



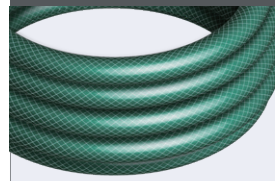
- Manually Watering Status



10. KEYBOARD LOCK FUNCTION

In the standby screen, click the "+" button and "-" at the same time, when the keypad lock is in effect and key operation is disabled. When the keypad lock is in effect, click the "+" and "-" buttons at the same time, then the keypad lock is turned off and key operation is restored.

ADDITIONAL EQUIPMENT



PROTECTING THE TIMER

- 1) **For outdoor use only.** Placing the timer in the sheltered outdoors will prolong its lifetime.
- 2) To avoid damage, please tighten it without using tools.
- 3) The filter should be placed horizontally in the water inlet to prevent leakage.
- 4) When low power, please replace the batteries to avoid the interruption of normal operation; when replacing the batteries, please make sure that the battery tray is dry.
- 5) When the timer is not in use, please remove the batteries and store it indoors.
- 6) Don't use the timer under the temperature more than 120°F (50°C), or less than 38°F (3°C).
- 7) Don't subject the product to extreme force and shock.
- 8) Severe electrical shock could result if water is sprayed into outlets or sources of electrical current. Never immerse the product in water.

WARRANTY

HydroSure provides a 1-year worry-free warranty against manufacturing defects in materials and workmanship from the date of purchase. During the warranty period, we'll replace free of charge the product found to be defective under reasonable use and service as determined solely by HydroSure. To place a warranty request, please send the email to sales@waterirrigation.co.uk

CUSTOMER SERVICE

If timer does not work, please check instruction or contact customer support at sales@waterirrigation.co.uk or visit our Help & Advice Centre at www.waterirrigation.co.uk/how-to-irrigate-a-watering-guide

