

24-Hour Customer Service & 2-Year Warranty

Phone: +1 909-391-3888
(Mon-Fri 9:00am - 5:00pm PST)
US: ushelp@1byonebros.com
CA: cahelp@1byonebros.com
Website: www.1byonebros.com

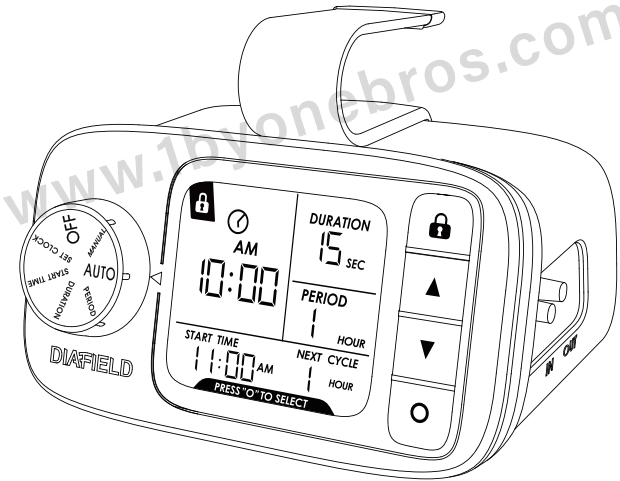
If any accessory is missing from the package or there are any issues with the product, please get in touch with our official customer service. We will be pleased to serve you!

1byone Products Inc.
1230 E Belmont Street, Ontario, CA, USA 91761
Customer Service: +1 909-391-3888
www.1byonebros.com

Made in China

DIAFIELD

AUTOMATIC DRIP IRRIGATION SYSTEM

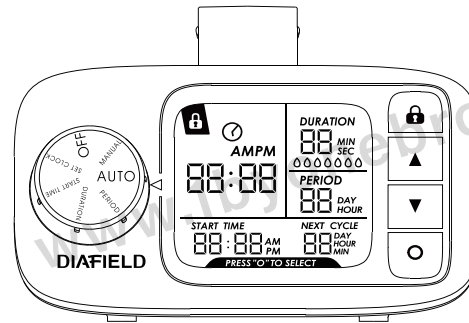


INSTRUCTION MANUAL

Important Notes

- Please read all the instructions before use and retain them for future reference.
- Only use clean and cold water with this appliance. Do not add fertilizer or nutrients to the water.
- It is recommended for indoor use.
- Keep water away from the charging port and buttons of the device.
- The filter can stop dirt and extend the product's lifetime. Clean the filter regularly and replace it if worn.

Package Contents



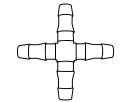
1 x Programmer



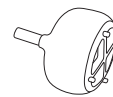
5 x Tube Blockers



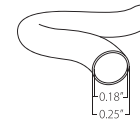
10 x T-Joints



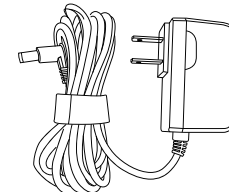
3 x Cross Joints



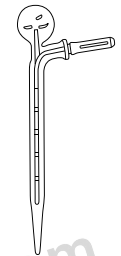
1 x Filter



O.D.: 0.25"/6.5mm
I.D.: 0.18"/4.5mm
1xTube(33ft/10m)



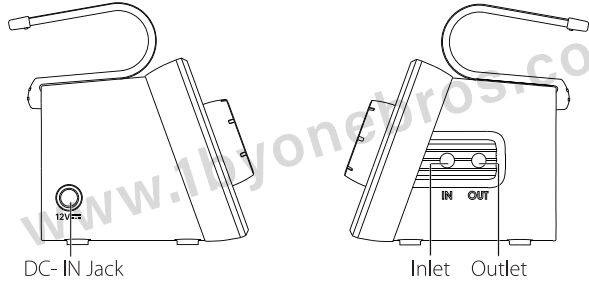
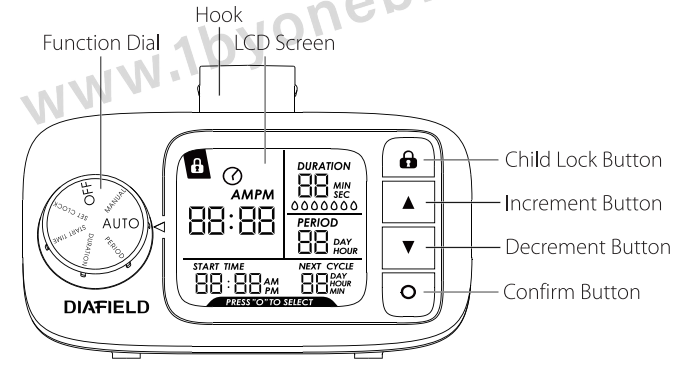
1 x Power Adapter



15 x Watering Stakes

Note: Please peel off the transparent film on the LCD screen before use.

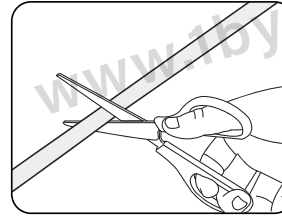
Product Description



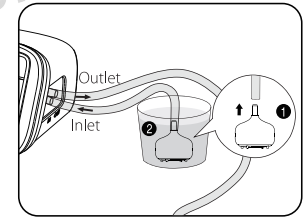
- **Function Dial:** Rotate to set up your watering schedule
- **Lock Button:** Press and hold for 3s to lock and unlock the screen
- **▲ and ▼ Buttons:** Adjust the time and system setup
- **○ Button:** Press to confirm setup; long press to change the setting

	Dial Position	Function
	OFF	Turn off the device
	SET CLOCK	Set the current time
	START TIME	Select what time to start watering
	DURATION	Determine the watering duration
	PERIOD	Choose the watering frequency
	AUTO	Start the customized watering schedule
	MANUAL	Water manually

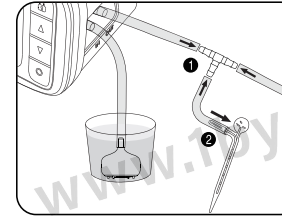
Installation Instructions



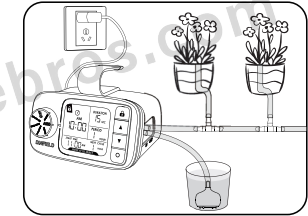
1. Design your watering path, and cut the tubes to the required length.



2. Detach the inlet and outlet covers, connect the inlet and outlet tubes, affix filter to the inlet tube and then immerse it into the water tank.



3. Use the joints to connect more tubes. Next, connect the watering stakes to the end of the tubes.



4. Connect the device to a power supply. Finally, insert the watering stakes into the soil.

Note:

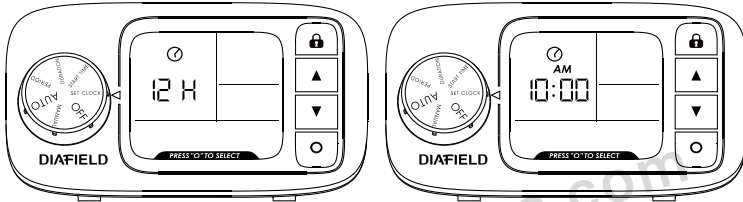
1. Cut the tubes as flat as possible to avoid water leakage.
2. Soaking the tubes in hot water for minutes will help you connect the tubes to the joints more easily.
3. Ensure that all parts are firmly connected so it will not leak.
4. The height difference between the water source and the device should be no more than 60" (1.5m).
5. Block the unwanted outlet tubes using the tube blockers if needed.
6. After using the appliance, **make sure the inlet and outlet covers were put back on.**

Set up the Program

Tips:

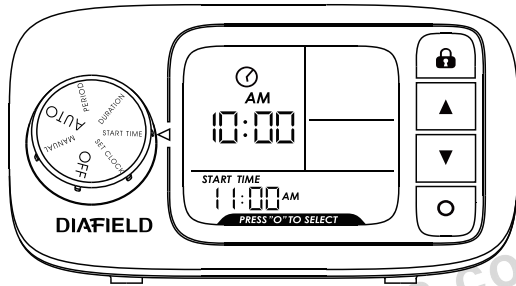
1. When setting the value, long press the ▲ or ▼ Button to quickly increase or decrease.
2. When each setup is completed, press the ○ Button to save changes.
3. Long press the ○ Button if you need to change the data of a setting.

Step 1: Set the Current Time



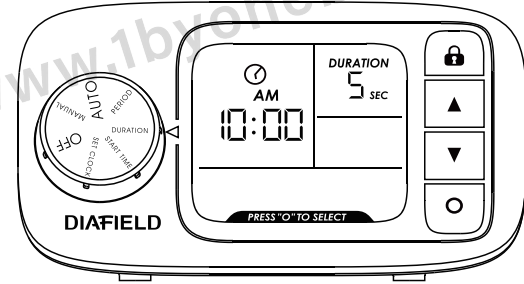
1. Turn the function dial to SET CLOCK.
2. Press the ▲ or ▼ Buttons to switch between the 12/24 hour system. (only required at first use)
3. Use the ▲ and ▼ Buttons to set the hour and minute.
4. Press the ○ Button to save the changes.

Step 2: Set the Start Time



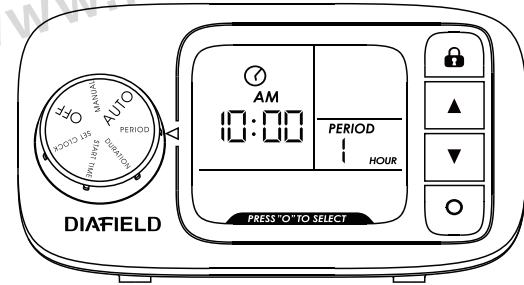
1. Turn the function dial to START TIME.
2. Use the ▲ and ▼ Buttons to set the hour and minute.
3. Press the ○ Button to save the changes.

Step 3: Set the Watering Duration



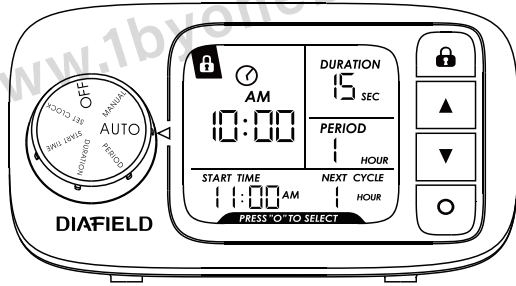
1. Turn the function dial to DURATION.
2. Use the ▲ and ▼ Buttons to set the watering time.
3. The adjustment range is 5s-90s, 2mins-15mins. The time unit will automatically jump to the minute when it is more than 90 seconds.
4. Press the ○ Button to save the changes.

Step 4: Set the Watering Frequency



1. Turn the function dial to PERIOD.
2. Use the ▲ and ▼ Buttons to set the interval time.
3. The adjustment range is 1h-23h, 1day-30days. The time unit will automatically jump to the day when it is more than 23 hours.
4. Press the ○ Button to save the changes.

Step 5: Start the Watering Schedule



1. Turn the function dial to AUTO, and the device will begin to execute your customized schedule. **The "NEXT CYCLE" time on LED panel is the interval between the present time and start time.**
2. When watering is on, the LCD screen displays the remaining watering time. When watering is finished, the device will enter the next cycle.

Note:

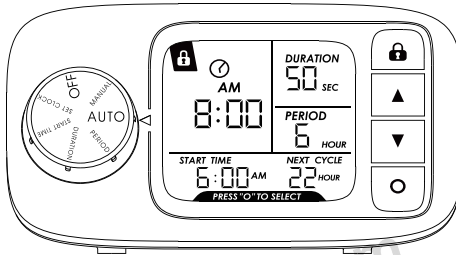
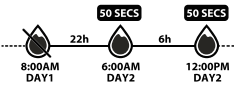
The entire program is unable to be executed if the function dial is not turned to the AUTO position.

REMINDER

If the clock time exceeds the start time, the first watering time would be the next day.

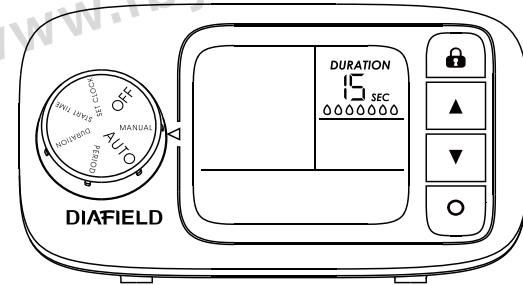
EXAMPLE

SET CLOCK: 8:00 AM (DAY 1)
 START TIME: 6:00 AM
 DUACTION: 50 SECS
 PERIOD: 6 HOURS



Additional Features

Manual Watering



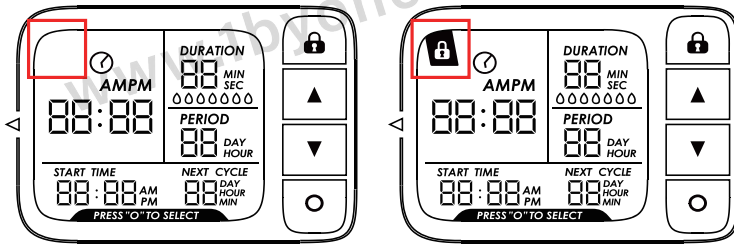
Attention:


When the installation and program setup are finished, enter the manual mode to test that the device functions well without any leakage, and you can adjust the watering time according to the water flow. The number of drippers or the height of your plants make different flow you get.

This function allows you to manually water without interrupting your set watering schedule data.

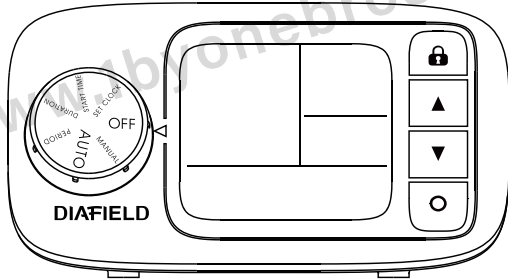
1. Turn the function dial to MANUAL.
2. Use the ▲ and ▼ Buttons to set the watering time.
3. The adjustment range is 5s-90s, 2mins-15mins. The time unit will automatically jump to the minute when it is more than 90 seconds.
4. Press the ○ Button. The pump will start working and the watering time will count down.
5. To cancel the manual watering, press the ○ button again.

Child Lock



1. Long press the  Button for 3 seconds to lock and unlock the screen.
2. Under the locked screen status, adjusting any button or the dial will not interrupt the preset program, preventing misuse by children.

Memory Function



Once programmed, the settings are stored within the internal memory automatically (current time not included). Custom programming and settings will remain in memory whether the device is turned off or powered off. However, if the device was powered off and recovered, the current time needs to be reset, otherwise the current time will still go from the off power time.

Troubleshooting

- 1. The device does not water as preset. Please check the following:**
 - 1) The power source is working, and the power plug is inserted correctly.
 - 2) The function dial is turned to the AUTO position.
 - 3) The current time, start time, duration, and period are set to the desired time, including AM and PM.
 - 4) There is no bending or clogging inside the tubes.
- 2. No water coming out of some tubes or water coming out abnormal. Please check the following:**
 - 1) Insert the watering stakes on the tubes to balance the pressure of the tube. (By Hydrodynamics)
 - 2) Do not just test the device without watering stakes on.
 - 3) Check whether joint is blocked.
 - 4) Do not just watering the plant only by tube without watering stakes on!
- 3. It is watering weakly or over-watering. Please check the following:**
 - 1) The filter is not blocked. We suggest cleaning the filter regularly.
 - 2) Ensure the tubes and watering stakes are installed correctly, otherwise, it will cause leaking.
 - 3) The height difference between the water source and the device should be no more than 60" (1.5m).
- 4. Water does not go deeper into roots.**

We recommend you loosen the soil first and then insert the drippers at least 3 inches deep. This may help the water go into the roots.
- 5. Different plants have different water demands.**

Some plants need more water than others. Therefore, we suggest you insert more irrigation drippers for those plants.

For any other questions, please do not hesitate to contact with our service team.

Specifications

Model: 1-TL16US01

Supply Input: 100-240V~, 50/60Hz, 0.5A

Supply Output: 12V , 0.7A

Watering Duration : 5-90s, 2-15mins

Watering Frequency: 1-23h, 1-30days

Water Tube: 0.25"/6.5mm (O.D.) 0.18"/4.5mm (I.D.)

Note: Design and specifications are subject to change without notice.



The appliance's packaging is made from environmentally friendly material and can be disposed of at your local recycling plant.

Customer Service

UNITED STATES	Phone: +1 909-391-3888 (Mon-Fri 9:00am - 5:00pm PST) Email: ushelp@1byonebros.com
CANADA	Email: cahelp@1byonebros.com
UNITED KINGDOM	Email: ukhelp@1byonebros.com
GERMANY/FRANCE ITALY/SPAIN	Email: euhelp@1byonebros.com

BRAND OWNER

1byone Products Inc.

1230 E Belmont Street, Ontario, CA, USA 91761

Customer Service: +1 909-391-3888

www.1byonebros.com