

型号	HO-WT-1S	设计师	林华美	编码	
零件名称	说明书	设计主管	YUI	单位/比例	±0.1mm
尺寸要求		审核	谢兆栋	未注公差	MM/1:1
重量要求		日期	20240326	版本	V1.0

材质: 70g 书纸 骑马订
 尺寸: 120 X 80 mm
 颜色: 单色印


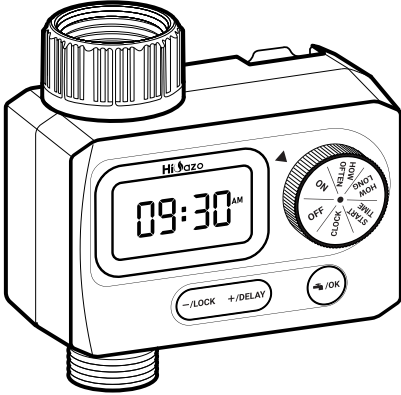
CONFIDENTIAL
 未经允许禁止改动

2枚书钉 居中对齐

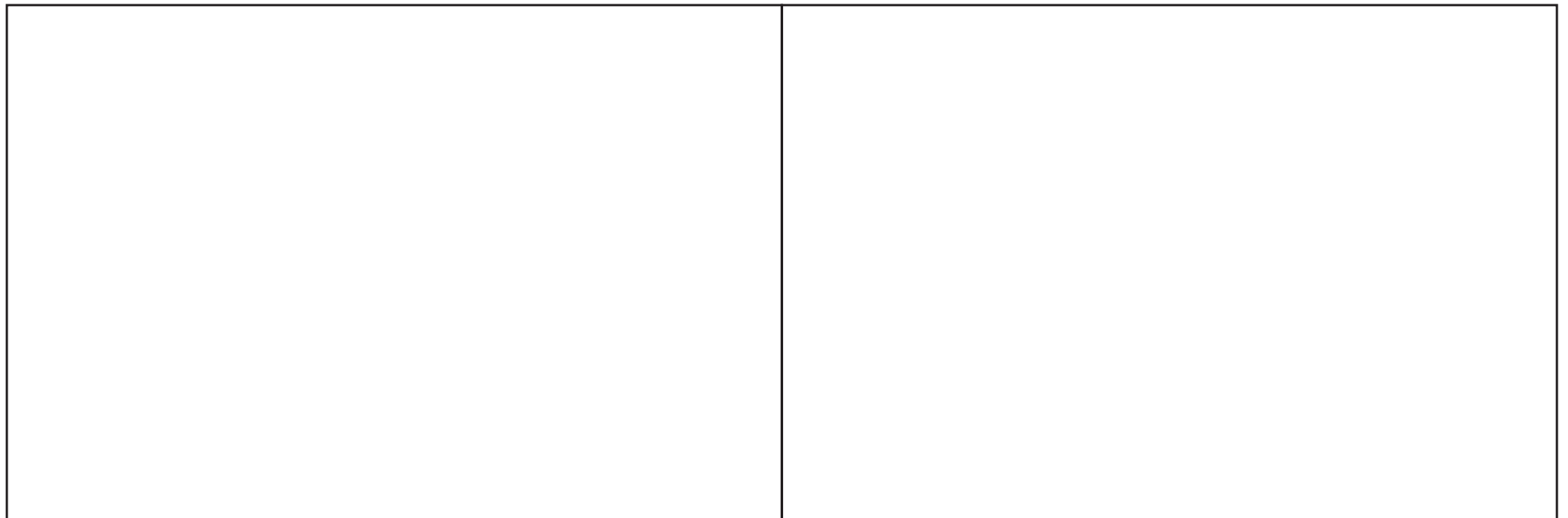
support@hioazo.com

Factory address: 6th Floor, Building 713, Pengji Liantang Industrial Area, NO.2 Pengxing Road, Luohu District, Shenzhen, China

Office address: Luohu District, Shenzhen, China

HO-WT-1S
WATER TIMER





Please keep this manual properly for reference. You can also scan the QR code to visit our official website for product usage videos. For any usage issues, please feel free to contact us at **support@hioazo.com**.

Wenn Sie eine Bedienungsanleitung in deutscher Sprache benötigen, scannen Sie bitte den QR-Code und besuchen Sie unsere Website, um sie zu erhalten und ein Video über die Verwendung des Produkts zu sehen.

Se avete bisogno di un manuale di istruzioni in italiano, scansionate il codice QR e visitate il nostro sito web per ottenerlo e vedere un video su come utilizzare il prodotto.

Si vous avez besoin d'un mode d'emploi en français, veuillez scanner le code QR pour visiter notre site officiel afin d'obtenir et de visionner la vidéo d'utilisation du produit !

Als je een Nederlandstalige handleiding nodig hebt, scan dan de QR-code om naar onze officiële website te gaan en bekijk de video over het gebruik van het product!

Si necesita el manual de instrucciones en español, escanee el código QR para ir a nuestro sitio web oficial y ver el vídeo sobre cómo utilizar el producto.

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01 Overview

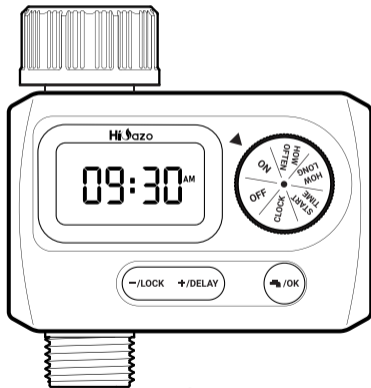
The HiOazo HO-WT-1S Water Timer can implement three independent watering plans that you can preset so you never have to worry about forgetting to water your plants or forgetting to turn off the faucet after watering. You can set a period of time with a watering duration and a soaking frequency. During soaking, the water slowly seeps into the soil to better protect your plants. In addition, this water timer supports a rain delay mode that can pause watering plans on rainy days to avoid overwatering and save water. The HO-WT-1S meets your daily needs for a water timer and is suitable for gardens, lawns, courtyards and other planting scenarios.











02 Specifications & Features

- Product Name: Single-outlet Water Timer
- Model Number: HO-WT-1S
- Power Source: 2 AA (1.5V) Alkaline Batteries (not included)
- Water Pressure: 15~145psi/1.0~10Bar
- Waterproof Rating: IP54
- Operating Temperature: 1~60°C/34~140°F
- Operating Humidity: 35~95%RH (non-condensing state)
- Warranty Period: 2 Years
- Rain delay by 24/48/72 hours
- Child Lock supported
- Automatic shutdown when low battery alarm is triggered
- For indoor or outdoor use
- LCD screen with white backlight
- 3 independent watering plans
- Time format can be set to 12 hours or 24 hours
- The next start time is displayed on the screen, making the watering schedule clearer.
- Non-volatile memory saves your watering schedules even after a prolonged power outage.

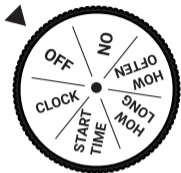
03 Product Introduction

● Water Timer



Buttons	Functions
+ / DELAY	Pressing the  button is to increase parameter; when the dial is in the ON position, shortly press the  button to enable or disable the rain delay function; press and hold the  button for 2 seconds to enter or exit the rain delay time setting.
 /OK	Pressing the  button is to confirm parameter; when the dial is in the ON position, shortly press the  button to enter manual mode. In manual mode, shortly press the  button to switch on the control valve, shortly press the  button again to switch off the control valve and return to ON mode.
- / LOCK	Pressing the  button is to decrease parameter; when the dial is in the ON or OFF position, press and hold the  button for 2 seconds to enable or disable the child lock function.

● Operation Dial







Buttons	Functions
OFF	<i>Turn off the water timer and stop all watering plans.</i>
ON	<i>Enter the automatic or manual watering mode.</i>
CLOCK	<i>Set the current time.</i>
START TIME	<i>Select the P1, P2, or P3 plan and set the start time for the P1, P2, or P3 plan.</i>

<p>HOW LONG</p>	<p>Set a total watering time for the P1, P2 or P3 plan, ranging from 0HRS00MIN to 6HRS00MIN, in which 0HRS00MIN means the plan is closed; this is an optional setting for the WATERING or SOAKING mode.</p> <p>Note:</p> <ol style="list-style-type: none"> 1. If the total watering time is set to 0, this means that the corresponding watering plan P1, P2 or P3 is closed. 2. If the total watering time is changed, the WATERING and SOAKING times should be reset.
<p>HOW OFTEN</p>	<p>Set a watering frequency for the P1, P2 or P3 plan, ranging from 6 to 12 hours or 1 to 30 days.</p>

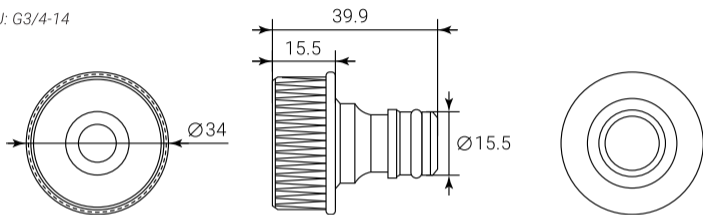
● Screen Display



LCD ICON	Functions
	<i>Low battery alarm indicator</i>
	<i>Child lock</i>
DELAY	<i>Rain delay enabled/disabled indicator</i>
	<i>When watering</i>
	<i>When soaking</i>
P1 P2 P3	<i>Watering plans P1, P2, P3</i>
NEXT START	<i>Prompt for the next watering start date</i>
START TIME	<i>Watering start time</i>
WATERING	<i>Watering time (optional)</i>
SOAKING	<i>Soaking time (optional)</i>

● Water Hose Adapter

- US: NH3/4-11.5
- EU: G3/4-14



WARM TIPS



If the outdoor temperature is lower than 37°F (3°C), please stop using this unit and place it indoors to avoid product damage due to inclement weather.

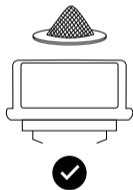


The filter prevents debris from entering and clogging the water timer. Clean the filter regularly and replace it when worn.

04 Installation Instructions

● Filter Dismounting Steps

- The filter is installed properly in the factory. If cleaning is required, dig it out from the timer.
- When installing, please follow the steps below to correctly install the filter and keep it clean.



Use only clean, cold water.

● **Battery Installation Steps**

- Open the battery cover on the back of the timer.
- Insert two AA 1.5V **alkaline** batteries into the device. Please note that batteries are not included and should be purchased separately.
- Replace the cover and press it firmly to ensure a waterproof seal.

WARM TIPS



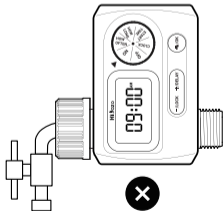
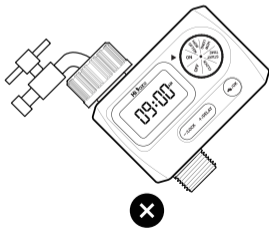
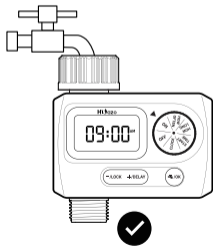
To extend the product's **lifespan**, use two new AA 1.5V **alkaline** batteries. Avoid mixing old and new batteries, and use **only alkaline** batteries, not carbon-zinc or rechargeable batteries.



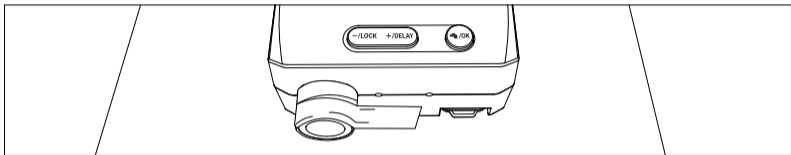
If you are not going to use this device for a **long time**, remove the batteries.

● Water Timer Installation Steps

- Please firstly turn off the water faucet.
- Make sure that the filter is clean and correctly installed.
- Screw the water timer onto the water faucet either vertically or horizontally. Please note that the gradient should not exceed 15 degrees.
- Attach the water hose to the outlet of the water timer.
- Turn on the water faucet and check for any leaks at every connection point.



Tips: If the connection between the timer and the faucet or hose is loose or leaking, wrap more Teflon Tape (Thread seal tape) around the connection to make it tight.



Before setting, ensure that the device can be turned on and off without any issues.

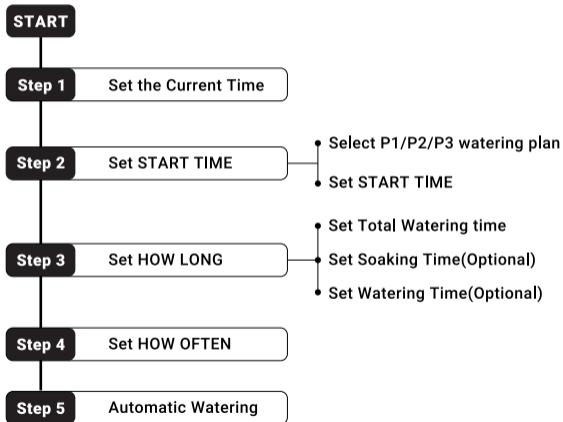
- Before using the device, ensure that it can control the faucet to be on and off and that your watering equipment is functioning correctly.

Please follow the Manual Watering Section on page 23 and operate the device two or three times to ensure it can be turned on without any issues.

Note:

When testing the device, avoid standing near the water outlet to prevent splashing.

05 Operational Guidelines



● Set CLOCK



Step 1: Turn the dial to the CLOCK position.

Step 2: The hour of the current time "00:" will flash. Press the **+ / DELAY** or **- / LOCK** button to adjust the hour, and then press the **OK** button to confirm. And the minute of the current time ":00" will flash. Press the **+ / DELAY** or **- / LOCK** button to adjust the minute, and then press the **OK** button to confirm.

Step 3: Turn the dial to another position to confirm and save parameters.

Tips:

- Long press the **+ / DELAY** or **- / LOCK** button to quickly adjust the time.
- Press and hold the **OK** button for 3 seconds to switch between the 12-hour and 24-hour format. The default setting is 12-hour format.
- When the setting is finished, please turn the dial instead of pressing the **OK** button to save the changes. If you press the **OK** button after setting, it will return to the previous setting instead of saving it.

● **Set Start Time**—Select P1/P2/P3 plan and Set the start time



Step 1: Turn the dial to the START TIME position.

Step 2: Press the **+ / DELAY** or **- / LOCK** button to choose the P1, P2, or P3 plan, which will flash. Then press the **OK** button to confirm your selection.

Step 3: Enter the selected plan to set the start time. The screen will show the corresponding character P1, P2 or P3 and the corresponding hour of the start time will flash. Press the **+ / DELAY** or **- / LOCK** button to adjust the hour, and then press the **OK** button to confirm. And the corresponding minute of the start time will flash. Press the **+ / DELAY** or **- / LOCK** button to adjust the minute, and then press the **OK** button to confirm.

Step 4: Turn the dial to another position to save parameters.

● Set HOW LONG—Set the total watering time



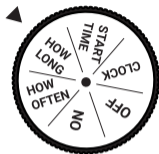
Step 1: Turn the dial to the HOW LONG position. The default time is 0HRS10MIN.

Step 2: The corresponding hour parameter will flash. Press the **+/DELAY** or **-/LOCK** button to adjust the hour, and then press the **↔/OK** button to confirm.

Step 3: The corresponding minute parameter will flash. Press the **+/DELAY** or **-/LOCK** button to adjust the minute.

Step 4: Turn the dial to another position to save parameters.

● SOAKING Function (optional)



Step 1: Turn the dial to the HOW LONG position.

Step 2: The corresponding hour parameter will flash. Press the **+ / DELAY** or **- / LOCK** button to adjust the hour, and then press the **OK** button to confirm.

Step 3: The corresponding minute parameter will flash. Press the **+ / DELAY** or **- / LOCK** button to adjust the minute, and then press the **OK** button to confirm.

Step 4: The character SOAKING will appear and the corresponding hour or minute parameter will flash. Press the **+ / DELAY** or **- / LOCK** button to adjust the hour or minute parameter, and then press the **OK** button to confirm. The default SOAKING time is 0HRS00MIN.

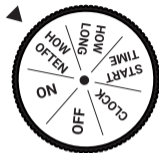
Step 5: The character WATERING will appear and the corresponding hour or minute parameter will flash. Press the **+ / DELAY** or **- / LOCK** button to adjust the hour or minute parameter, and then press the **OK** button to confirm. The default WATERING time is 0HRS10MIN.

Step 6: Turn the dial to another position to save parameters.

Tips:

- Long press the **+ / DELAY** or **- / LOCK** button to quickly adjust the time.
- When the setting is finished, please turn the dial instead of pressing the **OK** button to save the changes. If you press the **OK** button after setting, it will return to the previous setting instead of saving it.
- If the total watering time is set to 0HRS00MIN, this means that the corresponding watering plan P1, P2 or P3 is closed.
- If the total watering time is changed, the WATERING and SOAKING times should be reset.

● Set HOW OFTEN—Set the watering frequency



Step 1: Turn the dial to the HOW LONG position.

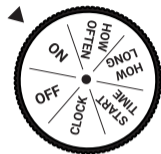
Step 2: The character EVERY will appear and the corresponding parameter will flash. Press the **+ / DELAY** or **- / LOCK** button to adjust the parameter, and then press the **OK** button to confirm.

Step 3: Turn the dial to another position to save parameters.

Tips:

- Long press the **+ / DELAY** or **- / LOCK** button to quickly adjust the time.
- The frequency of watering can be set to every 6 to 12 hours or every 1 to 30 days. The default setting is 6 HRS.

● Automatic Watering



Step 1: Turn the dial to the ON position.

Step 2: The current time and next start date will be alternately displayed every 5 seconds.

Tips:

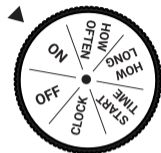
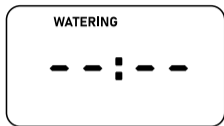
When it is the WATERING time, the screen will display as shown below:




If the SOAKING time is not 0, the device will enter SOAKING mode, as shown below:




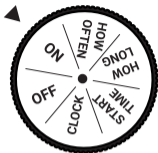
● Manual Watering



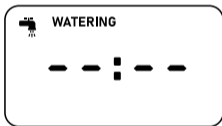
Step 1: Turn the dial to the ON position and shortly press the  button to enter manual watering time setting. When the screen displays " - - : - - ", it means that the manual watering time is unlimited.


Step 2: Press the  or  button to adjust the watering time.

Step 3: Shortly press the  button to exit setting and start manual watering. The screen will display the character WATERING and the corresponding time remaining.



If the manual watering time is unlimited and watering is in progress, the screen will display as shown below:



Step 4: At the end of manual watering or during the manual watering process, briefly press the /OK button to stop watering and resume automatic watering.

NOTE:

- When the WATERING time is set to " - - : - - ", it means that the manual watering time is unlimited.
- During the manual watering process, you can still press the **+ / DELAY** or **- / LOCK** button to adjust the watering time.

● Set Rain Delay Time



Step 1: Turn the dial to the ON position.

Step 2: Press and hold the **+ / DELAY** button for 2 seconds. The screen will display the character DELAY and the corresponding delay time will flash. Press the **+ / DELAY** or **- / LOCK** button to adjust the delay time.

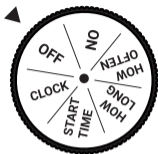
Step 3: Press and hold the **+ / DELAY** button for 2 seconds to exit the setting, save the parameters and execute the rain delay. The screen will display the character DELAY and the delay time remaining.



NOTE:

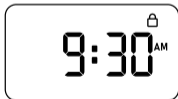
Turn the dial to the ON position and briefly press the **+ / DELAY** button to execute or cancel the rain delay.

● OFF Mode

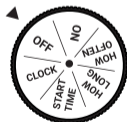


Turn the dial to the OFF position, where the screen will display only the character OFF and the device will stop all watering plans and watering actions.

● Child Lock



or




Turn the dial to the ON or OFF position and press and hold the **-/LOCK** button for 2 seconds to enable the child lock, which deactivates the dial and buttons. When the child lock is enabled, regardless of the position of the dial, press and hold the **-/LOCK** button for 2 seconds to disable the child lock function.


● Reset All Parameters



Turn the dial to the ON position and press and hold the **OK** button for over 5 seconds to reset all parameters.

06 Troubleshooting Guide

Problem	Possible Reason	Possible Solution
<i>No Power</i>	<i>The batteries are low on power or damaged.</i>	<i>Check that the battery symbol  on the LCD screen is lit. If the batteries are low, replace them.</i>
	<i>The batteries were not fully installed in position.</i>	<i>Open the battery cover, reinsert the batteries correctly, then replace the battery cover and press it firmly into place.</i>
	<i>The batteries were installed upside down.</i>	<i>Open the battery cover and correctly reinsert the batteries.</i>
<i>Device Does Not Water</i>	<i>The water faucet is not turned on.</i>	<i>Turn on the faucet.</i>
	<i>The filter is blocked.</i>	<i>Detach the water timer, then check and clean the filter.</i>

Problem	Possible Reason	Possible Solution
	<i>The water pressure is too low.</i>	<i>Check the water pressure and ensure it is above 15 PSI.</i>
	<i>No watering schedule has been programmed.</i>	<i>Check that the watering schedule parameters are set correctly.</i>
<i>Device Does Not Start Watering At The Expected Time</i>	<i>The current time is wrong.</i>	<i>Check the LCD screen and see if the current time runs normally.</i>
	<i>No watering schedule has been programmed.</i>	<i>Check that the watering schedule parameters are set correctly.</i>
	<i>The dial is not in the ON position.</i>	<i>Turn the dial to the ON position.</i>
	<i>The rain delay mode is on.</i>	<i>Turn off the rain delay function.</i>
<i>Device Does Not Stop Watering</i>	<i>The batteries are low on power.</i>	<i>Check the LCD screen and see if the battery symbol  is lit.</i>
	<i>The clock is abnormal.</i>	<i>Check the LCD screen and see if the current time runs normally.</i>

Problem	Possible Reason	Possible Solution
<i>Water Leaking From Connection Point Between Water Outlet And Hose</i>	<i>The rubber gasket or filter is missing.</i>	<i>Make sure the rubber gasket or filter is inserted into the connection point and screwed tight. If necessary, reinforce it with waterproof adhesive tape.</i>
<i>Water Leaking From The Device's Water Inlet</i>	<i>The filter is blocked.</i>	<i>Turn the dial to the ON position, enter the manual watering mode and water for 10 seconds. Repeat several times if necessary.</i>
<i>Blank/Black Screen</i>	<i>The operating temperature of the device is too high.</i>	<i>Shelter the device from the sun to cool it down. It will then return to normal operation.</i>

Still have trouble with setup? Please scan the QR code to view the setup video.

If the user manual doesn't have what you are looking for or if you need some help, please prepare the order ID and contact us before returning the product to the store.

E-mail: support@hioazo.com

07 FCC Requirement

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

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, and can radiate radio frequency energy, and if not installed and used in accordance with the 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.




This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

08 *Customer Service*

During the warranty period, we will replace free of charge the product found to be defective under reasonable use and service as determined by HiOazo.

To place a warranty request, please email us at support@hioazo.com with your order ID and the store you purchased from.

09 Watering Schedule Table

PLAN	START TIME	WATERING	SOAKING	HOW OFTEN
P1		-- DAY_ _HRS or -- HSR_ _MIN	-- DAY_ _HRS or -- HSR_ _MIN	Every_ _ DAY_ _HRS or Every_ _ HSR_ _MIN
P2		-- DAY_ _HRS or -- HSR_ _MIN	-- DAY_ _HRS or -- HSR_ _MIN	Every_ _ DAY_ _HRS or Every_ _ HSR_ _MIN
P3		-- DAY_ _HRS or -- HSR_ _MIN	-- DAY_ _HRS or -- HSR_ _MIN	Every_ _ DAY_ _HRS or Every_ _ HSR_ _MIN