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What’s in the Box

1. Yardian Pro, the controller
   Yardian must be connected to the power adapter included.

<table>
<thead>
<tr>
<th>Output</th>
<th>24VAC, Max. 1A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Temperature</td>
<td>-22°F to 140°F (-30°C to 60°C)</td>
</tr>
</tbody>
</table>

2. Power adapter

<table>
<thead>
<tr>
<th>Input</th>
<th>100 – 240VAC, 50 – 60Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output</td>
<td>36VDC, 1.66A</td>
</tr>
</tbody>
</table>

3. Power cord

4. Labeling stickers

5. Wall screws and anchors
<table>
<thead>
<tr>
<th>Screw</th>
<th>Ø3/16 x 1&quot;</th>
</tr>
</thead>
</table>
Overview

A Main LED
B Reboot button
C Wi-Fi reset button
D Terminal blocks
E Select button
F Run/Stop button
G Zones LED
H Product label
I Power supply port
J Ethernet port
K USB port
Select Button and Run/Stop Button

**Select button**  **Run/Stop button**

### Auto Scan

- Press/hold **Select** and **Run/Stop** at the same time
  - LED in **green**: solenoid valve attached
  - LED in **red**: faulty solenoid valve detected (over current)

### Instant Control

- Click **Select** on the top to specify a zone in **Zone Selection Mode** (LED in **green**).
- Press/hold **Select** for over 1 second to switch between **Zone Selection Mode** and **Time Selection Mode** (LED in **red**).
- Click **Select** to specify duration in min(s) in **Time Selection Mode**.
- Click **Run/Stop** to run the zone. To stop watering anytime, press/hold **Run/Stop** for over 3 seconds.
Reboot Button and Wi-Fi Reset Button

**Reboot Button**
Press to reboot the system

Press and hold for around 10 seconds, release when the LED turns red.

**Wi-Fi Reset Button**

**Reset Wi-Fi**
Press and hold for around 5 seconds, release when the LED is blinking green and blue.

**Reset to factory default**
Press and hold for around 10 seconds, release when the LED turns red.
Main LED Indicator

System

- Booting Up
- Initializing
- Firmware Updating (Do not turn off power)
- Reboot Required (Press the Reboot Button)
- Reboot Required - Action Failed (Press the Reboot Button)

Wi-Fi Station Mode

- Connecting to Your Router
- Connected to the Internet
- Watering

Wi-Fi AP Mode

- Access Point Mode
- Watering

Ethernet

- Connected to the Internet
- Watering
Understand Your Irrigation System

Controller

Rain Sensor

Master Valve Wire

Sprinkler Wires

Wire from controller to corresponding valve

Common Wire

Water Main

Master Valve

Valve

Valve

Water to Zones

24VAC

OUT

Controller

Sprinkler Wires

Wire from controller to corresponding valve

Common Wire

Rain Sensor

Master Valve Wire

Sprinkler Wires

Wire from controller to corresponding valve

Common Wire

Water Main

Master Valve

Valve

Valve

Water to Zones
The Yardian Installation

Set up your Yardian in a few easy steps

The Yardian should be mounted less than 6.5 feet (2 meters) from the floor for easier accessibility.
Step 1

Replace your old controller

Take a picture of your current wiring. This will help you identify the correct sequence of wires.

Exposed sprinkler wires with 24VAC could generate an electric shock in wet locations. Please ask your retailer or contractor if sprinkler accessories may be needed.
Disconnect your old controller and remove sprinkler wires. Adhere a numeric labeling sticker to tag each associated wire for easy identification.

Remove your old controller from the wall.

- Zones - wires connected to zone valves
- Common - common wire or ground wire
- Rain Sensor - optional
- Master Valve - optional
Step 2

Install your Yardian controller

Open the top cover.
Mount your Yardian to the desired location.

Place your thumb on the top right corner to make it easier to open the cover.
Mark the wall for the screws. Mount the Yardian with the screws. Connect sprinkler wires according to the corresponding labels.

Please specify your rain sensor type (normally open or closed) in the app if applicable.

If you attach more than 1 solenoid to a zone, please check your solenoid specifications and make sure the overall current consumption does not exceed 0.9A.
Plug the power cord into the home outlet.

Ensure to connect the power cord to a socket-outlet with earthing connection.
Close the top cover.

⚠️ CAUTION
This product contains CR1225 battery. Risk of explosion if the battery is replaced by an incorrect type.
Create an account.
Sign in the Yardian app with your account.

Download the Yardian app

iOS 9.0+ and Android™ 5.0 Lollipop®+
Enter your profile name and locate your Yardian.

Yardian location settings will help to get the weather information with accuracy.
Select the Yardian device settings card to start pairing. 
Enter the 8-digit Yardian ID (YID) on the device.
Yardian is now paired to your profile. Next, set up the Internet connection for Yardian.

You can choose to use an Ethernet connection (see Step 5-A) or a Wi-Fi connection (see Step 5-B).

The Ethernet connection has a higher priority than the Wi-Fi connection when an Ethernet cable is detected to be connected.
Connect the Ethernet cable to Yardian.
Connect the other end of the Ethernet cable to an open port on your router.
Check your Yardian LED: if it turns into solid blue, it means that Yardian has successfully connected to the Internet.

Congratulations! You have completed the setup process for your Yardian.

⚠️ WARNING
Software may be updated when Yardian is connected to the Internet. Please DO NOT turn off the power when the LED is blinking RED. Interrupting the software update process may result in system malfunction.
Please stay close to the Yardian device when doing "Wi-Fi onboarding".

The Yardian app will automatically lead you to the "Wi-Fi onboarding" process. If it does not, please select the Yardian device settings card and go to "Wi-Fi onboarding".

Yardian will use historical ETo and rainfall weather data for watering schedules when it is offline.
Check Yardian’s LED status. Yardian should be in Wi-Fi AP mode to proceed (LED blinking green and blue).

If your Yardian is not blinking green and blue, please press and hold the Wi-Fi reset button for around 5 seconds until the LED blinks green and blue.

⚠️ LED in purple!

If your Yardian is in Wi-Fi AP mode for more than 15 minutes, you will be asked to reboot Yardian (Press the reboot button).
Wi-Fi connection process may vary depending on the operating system, please follow the instructions based on the operating system of your mobile device.

For Android users p.27
For iOS users p.31
For Android users

Please allow the Yardian app to access the device’s location to get a list of available networks.
Select the Yardian SSID.

The Yardian app will scan for nearby wireless signals to provide you with a list of wireless networks to choose from.
Specify your home Wi-Fi router SSID and password.
Check your Yardian LED: if it turns into solid green, it means that Yardian has successfully connected to the Internet.

Congratulations! You have completed the setup process for your Yardian.

⚠️ WARNING
Software may be updated when Yardian is connected to the Internet. Please DO NOT turn off the power when the LED is blinking RED. Interrupting the software update process may result in system malfunction.
For iOS users

This step will help to build your Yardian as an Apple Home accessory as well as connect to the Internet.

Please turn on Wi-Fi on your mobile device and make sure you have installed Apple's Home app.
Go to the Home app for connecting Yardian to the Wi-Fi & HomeKit network.
Tap "Add accessory" to start. Use the HomeKit setup code on the Yardian device.

Follow the instructions in Home app to complete the configuration.
Go back to the Yardian app. Check the Yardian status: if it shows “Online”, it means you have successfully connected your Yardian to the Internet.
Congratulations! You have completed the setup process for your Yardian.

⚠️ WARNING
Software may be updated when Yardian is connected to the Internet. Please DO NOT turn off the power when the LED is blinking RED. Interrupting the software update process may result in system malfunction.
Video feature is only available for selected models
Setup of the Yardian App

Easy access to the settings with 4 simple tabs
Home

You may review all information here

Receive the latest information regarding your watering schedule, Yardian notifications, and more.
<table>
<thead>
<tr>
<th>Date</th>
<th>Temperature °C</th>
<th>Temperature °F</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/7</td>
<td>79</td>
<td>72</td>
</tr>
<tr>
<td>6/8</td>
<td>81</td>
<td>72</td>
</tr>
<tr>
<td>6/9</td>
<td>81</td>
<td>72</td>
</tr>
<tr>
<td>6/10</td>
<td>81</td>
<td>72</td>
</tr>
<tr>
<td>6/11</td>
<td>81</td>
<td>72</td>
</tr>
<tr>
<td>6/12</td>
<td>82</td>
<td>73</td>
</tr>
<tr>
<td>6/13</td>
<td>82</td>
<td>72</td>
</tr>
</tbody>
</table>

**Yardian Device Settings**

- **YID:** A1B2C34D
- **Online:**
- **Standby Mode:** Stop All Watering Activities

**Watering Schedule**

- **2021-06-07**
- **Smart:**
  - 05:30 - 05:35
- **Manual:**
  - 06:30 - 06:35

**Week Schedule**

- **6/13 Sunday**
- **Show All Zones**
  - **MyZone 1** Zone 1
    - **Smart Program**
      - 05:30 - 05:35
  - **MyZone 2** Zone 2
    - **Manual Program**
      - 06:30 - 06:35
You get to control all zones here

Control your zones to start watering at any desired time with just a touch of the button on your mobile device.
Control

Instant Skip
Skip watering tasks for minutes

Instant Control
MyZone 1
2 minutes

Settings

Default minutes 2min

Selected zones
MyZone 1
2 minutes

Enabled zones
MyZone 2
2 minutes
You may set up and manage all your yard profile information here. Our app can automatically detect the connected zones and enable them.
Go to the “Yard” tab.

Tell us about your garden.
Program the watering schedule

Set up watering program(s) for each zone according to your needs.
Manual Program allows you to create your own watering schedule. You have the choice to apply “Seasonal Adjustment” in your manual programs.

Conditional Program allows you to create a watering schedule with a trigger event, such as specific temperatures. It’s a special program that you can use in addition to a Smart Program or Manual Program for your zone(s).
How to Use Apple Home App to Control Yardian

iOS users can also do Yardian basic controls from the Home app.

After you have done the settings in the Yardian app, go to the Home app and find Yardian, you can see switches for enabled zones.
Drag the switch to run or stop watering the zone.

Tap the gear icon for zone setting. In each zone card, you can:

- Enable or disable zones;
- Name the zone;
- Set watering duration for each zone.
The Federal Communication Commission Interference Statement

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.

Any 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 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

The FCC RF Exposure Information

This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.
Yardian Smart Sprinkler Controller Limited Warranty

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