

Hunter X2™ WAND Module for X2 Controllers



Hunter X2™ WAND Module for X2 Controllers User Guide

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Hunter X2™ WAND Module for X2 Controllers



Specifications

- Product: WAND Module for X2 Controllers

- Connectivity: Wi-Fi
- Compatibility: Hydrawise Ready Controllers
- Control Options: Smartphone, Tablet, Computer

Product Overview

The WAND Module allows your X2 Controller to connect to the internet via your Wi-Fi router. Once connected, you can access and manage the controller with your smartphone, tablet, or computer.

The module disables the X2 Controller's dial and button functions, and all programming is managed via cloud-based Hydrawise Software.

Product Installation

1. Remove the Wi-Fi cover from the X2 Controller.
2. Insert the WAND Module. Note that all programming is now managed through the Hydrawise Software.

Thank You for Purchasing a Hydrawise Compatible Device

The WAND Module allows your X2 Controller to connect to the internet via your Wi-Fi router. Once connected, you can access and manage the controller with your smartphone, tablet, or computer.

Need more helpful information about your product?



hunter.help/Wand

1. Step 1: Wi-Fi signal

A medium to high signal strength is preferred to maintain a stable connection between the controller and the router. In some cases, a Wi-Fi extender should be installed to increase the signal.



Important:

Obstructions such as interior walls and landscaping can block the signal.

Visit hunter.help/wifispecs to ensure your Wi-Fi network meets the requirements of your Hunter Hydrawise™ ready controller.



2. Step 2: Installing the WAND Module

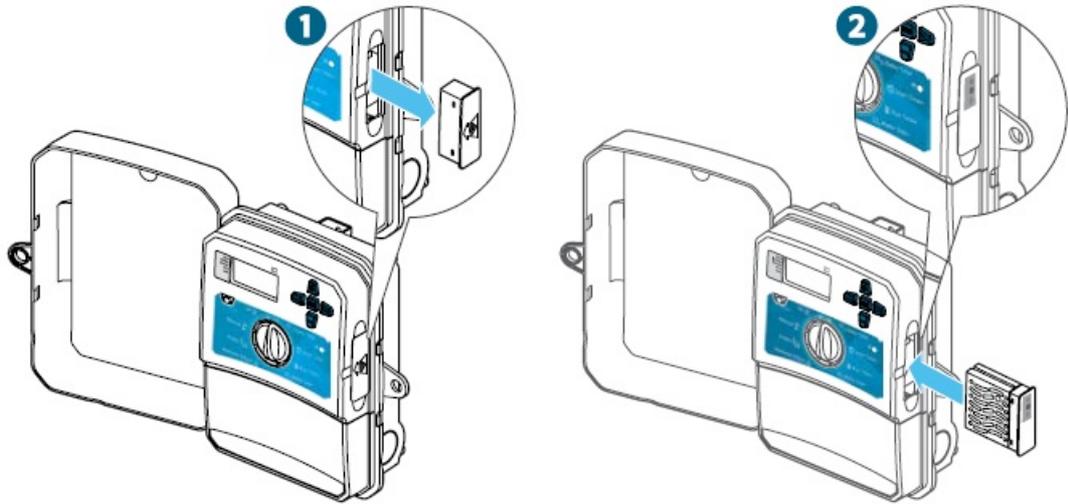
1. Remove the Wi-Fi cover from the X2 Controller.

When installed, the WAND Module disables the X2 Controller's dial and button functions, the existing

schedule, and settings.

2. Insert the WAND Module.

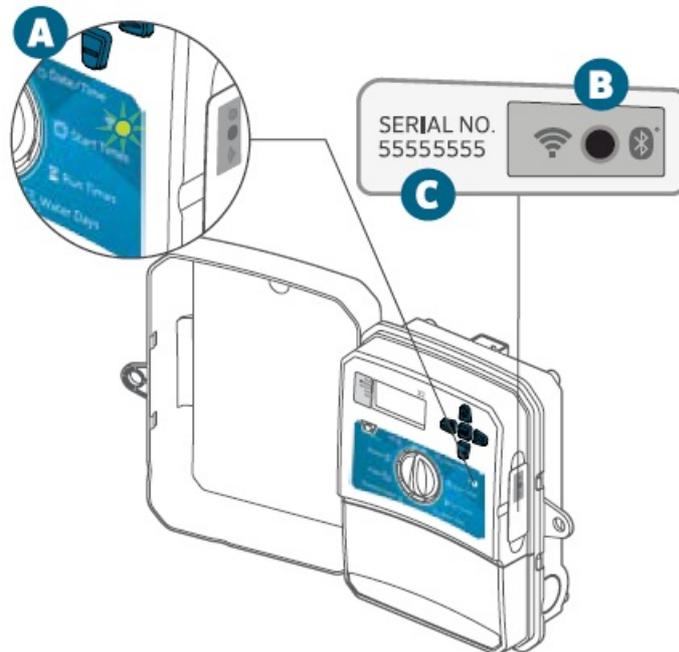
All programming is now managed via cloud-based Hydrawise Software from a smartphone, tablet, or desktop browser.



3. Step 3: Navigating the WAND Module with the X2 Controller

Locate the following:

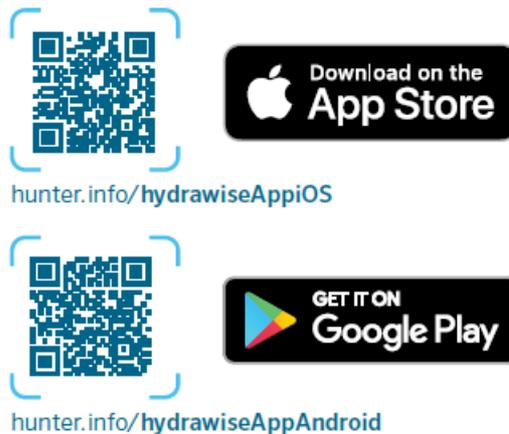
- A. Wi-Fi status LED
- B. Wi-Fi setup button
- C. WAND serial number



- The serial number is used to enable Hydrawise management for the WAND Module. You will be prompted to enter the serial number during the online setup process when adding the controller to your Hydrawise account.
- Leave the WAND Module installed with the dial in the RUN position during setup to remain connected to Hydrawise Software. If the WAND Module is removed, the controller will revert to the programs and settings configured via the dial and buttons.
- To ensure the X2 Controller operates with Hydrawise, you must have the dial in the Run position. The controller will not operate remotely if the dial is in any other position.

4. Step 4: Access Hydrawise Software

Download the Hydrawise App from the Apple® App Store or Google Play™ Store, or click log in on the [Hydrawise.com](https://www.hydrawise.com) website.



5. Step 5: Adding your controller New Hydrawise account user:

1. Register for a new account in your Hydrawise App or at [hydrawise.com](https://www.hydrawise.com).
2. After you have registered, click the “Let’s Get Started” button in the message sent to your email account.
3. Click the “Let’s Get Started” button again on your Hydrawise App or website screen.
4. Continue following all steps to add your X2 Controller to your Hydrawise account and connect to Wi-Fi.

Existing Hydrawise account user:

1. Sign in to your Hydrawise App or account.
2. Navigate to  “My Controllers” in the My Account drop-down menu.
3. Click the + icon under My Controllers list.
4. Continue following all steps to add your X2 Controller to your Hydrawise account and connect to Wi-Fi.

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To factory reset the WAND Module

1. Press and hold the button on the WAND Module for 5 seconds. “Fdr” (factory default reset) will appear on the controller LCD.
2. The module LED will turn off.
3. Release the button when the solid amber LED  appears and “done” displays on the controller LCD.
4. Return to the online setup wizard in your Hydrawise Controller settings account page to reconnect the WAND Module to Wi-Fi.

Quick troubleshooting tips

- Move into the Wi-Fi signal range and verify with your smartphone.
- Verify the correct Wi-Fi network name and password used.
- Verify the Wi-Fi network is using 2.4 GHz and not 5 GHz.

Solid LED color:

- The WAND Module is waiting for the user to add Wi-Fi credentials.
- The X2 Controller is online and connected to the Hydrawise server.
- Incorrect Wi-Fi password entered or Wi-Fi network lost.

Flashing LED color:

1. ☀ 1 blink, WAND is in Bluetooth® pairing mode.
2. ☀ 2 blinks, WAND is in “SAP” (Wi-Fi Direct) mode.
3. ☀ 3 blinks, WAND is in “Pbc” router-supported (WPS push-button) mode.

Refer to the online setup wizard for Wi-Fi instructions found in your Hydrawise controller settings account page.

Firmware Update Codes

1. ● UPd8A – When online, the LED will turn red and “UPd8A” will appear on the controller upgrading to the latest X2 Controller firmware.
2. ● UPd8b – When online, the LED will turn amber and “UPd8b” will appear on the controller upgrading to the latest Hydrawise firmware.
3. ● UPd8C – When online, the LED will stay green and “UPd8C” will appear on the controller upgrading to the latest Wi-Fi firmware.

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hunterindustries.com

FCC Compliance Notice

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, you are encouraged to try to correct the interference by taking one or more of the following measures:

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

This device complies with part 15 of FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by Hunter Industries could void the user's authority to operate this device. If necessary, consult a representative of Hunter Industries Inc. or an experienced radio/television technician for additional suggestions. The following statement is applicable when irrigation controller is used with accessory Wi-Fi device:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 7.9" (20 cm) during normal operation. This equipment complies with the IC RSS-102 radiation limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 7.9" (20 cm) from all persons.

Compliance Innovation, Science and Economic Development Canada (ISED) Compliance

Notice This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

UKCA Declaration of Conformity

Hereby, Hunter Industries declares that the radio equipment type model WAND is in compliance with the Radio Equipment Regulations 2017 – SI 2017 No. 1206. The full text of the UKCA declaration of conformity is available at the following internet address: subsite.hunterindustries.com/compliance/

Certificate of Conformity to European

Directives Hereby, Hunter Industries declares that the radio equipment type model WAND is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following Internet address: subsite.hunterindustries.com/compliance/

- Max. Power (dBm): 3.8
- WLAN Maximum Output Power
- Frequency Band (MHZ): 2.412 – 2.472
- Max. Power (dBm): 17.5

RAMATEL H-30629

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Documents / Resources

**WAND MODULE FOR
X2™ CONTROLLERS**

QUICK START GUIDE



[Hunter X2TM WAND Module for X2 Controllers](#) [pdf] User Guide

X2TM WAND Module for X2 Controllers, X2TM, WAND Module for X2 Controllers, Module for X2 Controllers, X2 Controllers, Controllers

References

- [📱 Hydrowise - Apps on Google Play](#)
- [📱 Hydrowise on the App Store](#)
- [📱 Hunter Irrigation Sprinkler Systems | Hunter Industries](#)
- [📱 Hydrowise | Smart Wi-Fi Irrigation Control](#)
- [🌐 Portals - Compliance Declaration of Conformity](#)
- [📄 User Manual](#)

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