



# Installation and Quick Start Guide

# Welcome to Skydrop

This guide will help you set up your Skydrop Controller. For more information, check out our step-by-step installation video or visit our website.

Installation Video:

[www.vyrsa.com/skydrop](http://www.vyrsa.com/skydrop)



# Before You Begin

## Wireless Access

The Skydrop Controller uses Wi-Fi, and the controller must be installed close to a strong signal source for optimal performance.

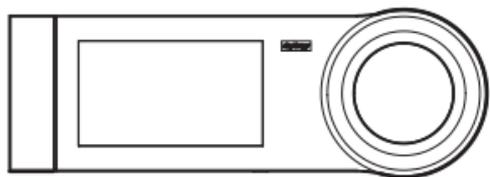
If the Wi-Fi signal strength is low, you may need to relocate your wireless router or install a Wi-Fi range extender.

## Outdoor Installation

The Skydrop Controller is designed to be installed indoors. If you need to place your controller outside, ensure that it is encased in a weather-resistance enclosure.



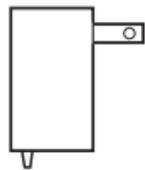
# Contents



Controller



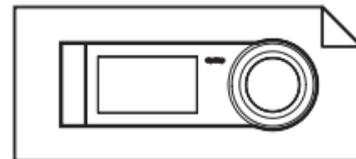
Wall Plate



Power Supply



Wall Screws

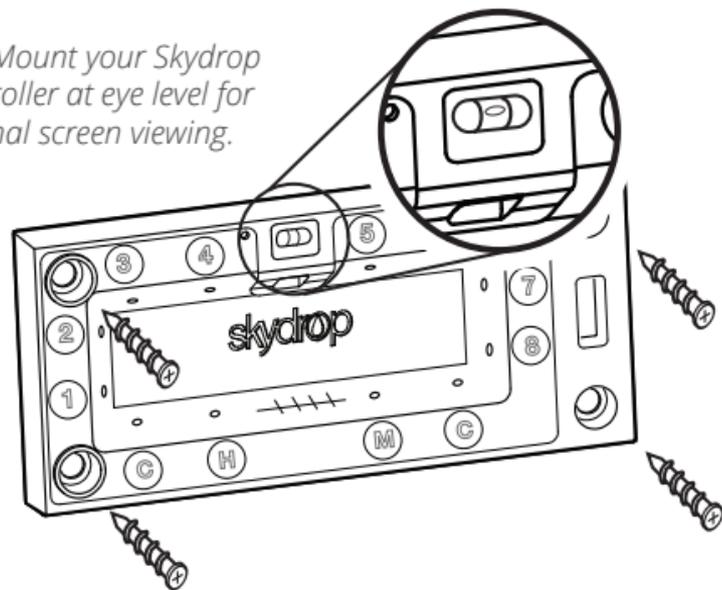


Installation Guide

# Step 1: Mount the Skydrop Wall Plate



**TIP:** Mount your Skydrop Controller at eye level for optimal screen viewing.

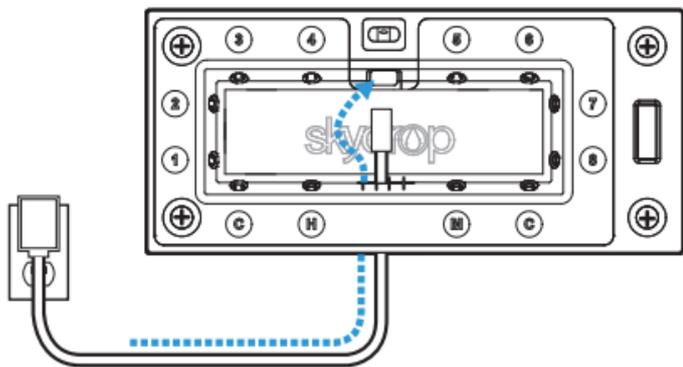


Position your Skydrop Wall Plate using the integrated level, and secure using anchor screws (included)

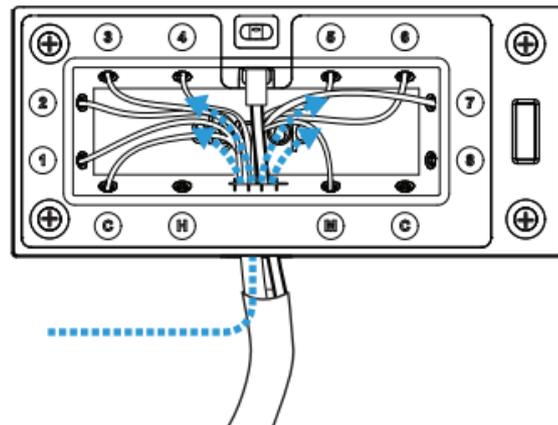
**NOTE:** Wall anchors are not necessary when mounting your Skydrop Controller to drywall. Pre-drilling with a 3mm bit is recommended when mounting to wood studs. Do not over-tighten screws. Hand tightening is recommended.

## Step 2: Power and Wiring

Insert the power supply cable through the wiring slot found on the bottom of the mounted Wall Plate (or through the breakaway tab on the rear of the Wall Plate). Secure the power cable into the top, center plug.

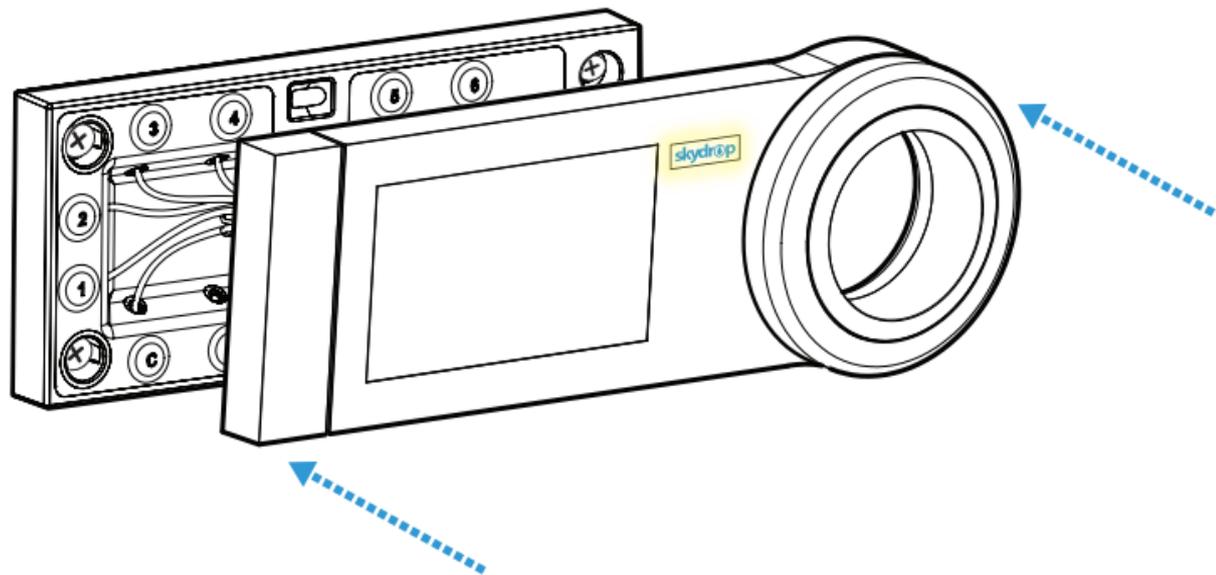


Push each valve wire firmly into a designated zone position (1-8) and pull back gently to verify that each wire is secure. The "C" positions are for common wire(s). To remove a valve wire, depress its corresponding button and pull the wire out.



## Step 3: Place Controller onto Wall Plate

Align the snap pegs on the back of the Skydrop Controller with their corresponding positions on the Wall Plate. Once aligned, push the Skydrop Controller firmly into place. The VYR logo will illuminate when the controller is powered.



## Step 4: Initial Setup

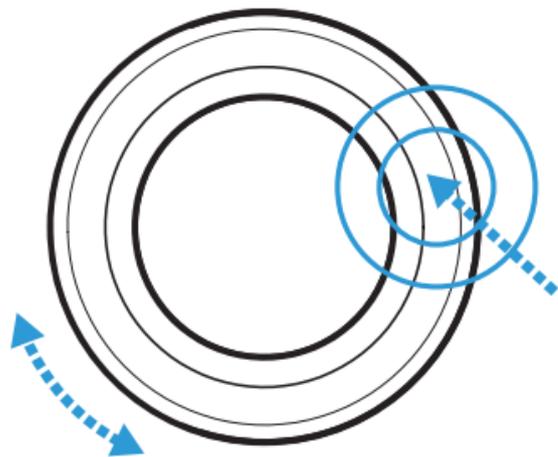
The first time you power up your Skydrop Controller, you will be guided through the initial setup process aids in connecting the Skydrop Controller to your Wi-Fi network and helps you to configure settings for each of your watering zones.

### Create Your Skydrop Account

Visit [www.vyrsa.com/skydrop](http://www.vyrsa.com/skydrop) to create your user account and to manage your Skydrop Controller online.

### Using the Jog Dial

You can manually make selections on your Skydrop Controller by using the illuminated jog dial. Rotate the dial to navigate through menus and modules, and push the ring to select a highlighted choice. Press and hold the jog dial to return to a previous screen.



## Step 5: Mobile Control

You can manage your Skydrop Controller configuration and settings directly on the device itself, via the web, or through any iOS or Android device.

Download the Mobile App

Visit [www.vyrsa.com/skydrop](http://www.vyrsa.com/skydrop) for more information.





## Enabling Smart Watering

Once your Skydrop Controller is installed, saving water has never been easier. Properly configuring your Skydrop Controller helps us to make smart decisions about how to best distribute water through your landscape.

To set up cloud-assisted Smart Watering you must first connect the Skydrop Controller to a Wi-Fi Network. Select your desired Wi-Fi network through your Skydrop Controller's interface, and connect by entering your Wi-Fi password (if applicable).

Once your Skydrop Controller is connected to a Wi-Fi Network, you will receive a Security Code. Before you finish creating a Skydrop User Account (through either the Skydrop website, or the Skydrop App) you will be prompted to enter the Security Code from your device. Pairing is complete once a valid Security Code has been entered, and your User Account will be associated with your Skydrop Controller. You may skip pairing your Skydrop Controller with a Skydrop User Account.

**NOTE:** *If your Skydrop Controller is connected to a Wi-Fi network, it is connected to the cloud and cloud assisted Smart Watering features are available. You do not need to pair your Skydrop Controller with a Skydrop User Account to access cloud-assisted features.*

*To take full advantage of Skydrop's Smart Watering technology you will be prompted (via the Skydrop Mobile App, website, or the controller itself) to answer questions about each detected sprinkler zone. Skydrop uses your local weather data as well as information about what type of plants, sprinkler heads, slopes and shade patterns characterize your landscape. After you have entered information about each zone, you will be presented with the Schedule menu. The Scheduling interface gives you the option to create, modify*

*and apply as many custom watering schedules as needed. These customizable schedules allow you to water exactly how you want to, independent from, or in addition to, Skydrop's weather-intelligent Smart Watering Schedules.*

**TIP:** *Using your own custom watering schedule is recommended for the following scenarios:*

- *Watering new sod, or any new plant that requires more water than mature plants.*
- *Covered plants that are not effected by weather or climate.*
- *Any other special watering needs.*

# Setting Up Offline Watering

You do not need to be connected to a Wi-Fi network to use your Skydrop Controller. Enter your current local time, and enable one or more customized watering schedules.

<p>WiFi </p> <p>July 31st, 2016 12:27 PM</p>	<h2>Watering Schedules</h2> <p>Select existing or add new</p> <p><a href="#">Back</a></p> <p><input checked="" type="radio"/> <b>Smart Watering</b> Adjust frequency and duration</p> <p><input type="checkbox"/> <b>Schedule A</b> Schedule is inactive</p> <p><input type="checkbox"/> <b>Schedule B</b> Schedule is active</p>
---	---

# Day-to-Day Use

In most cases, Smart Watering will handle all daily watering needs across all zones.

## Skydrop Isn't Watering Enough

A visibly stressed lawn, or dry, discolored plants indicate that Skydrop may not be watering enough. You may find that this is only in specific areas in your landscape. Unfortunately, if this is the case you will probably have to water more than is required in the rest of a particular watering zone to make up for the isolated spot in question.

Determine which zone(s) is not receiving enough water and enter the Zone Settings Menu to adjust the "Water More / Water Less" slider. Move the slider to "Water More".

If more drastic adjustments are needed, select the cog found in the "Settings" menu and adjust frequency and duration directly.

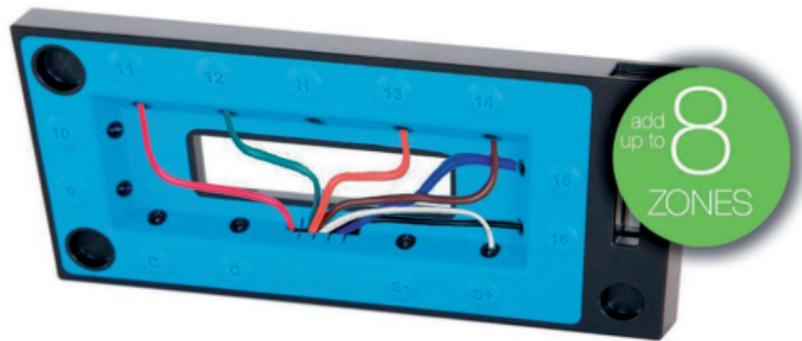
## Skydrop Is Watering Too Much

Over-watering can be more difficult to diagnose. If it hasn't rained and you find a lot of mushrooms in your landscape, this can be a good sign that your Skydrop Controller is watering an area too much. Seasonal change is another good reason to adjust your Skydrop Controller to water less.

Determine which zone(s) is receiving too much water and enter the Zone Settings Menu to adjust the "Water More / Water Less" slider. Move the slider to "Water Less".

If more drastic adjustments are needed, select the cog found in the "Settings" menu and adjust frequency and duration directly.

# Accessories



Expansion Module



Outdoor Box

# Expansion Module Installation Guide

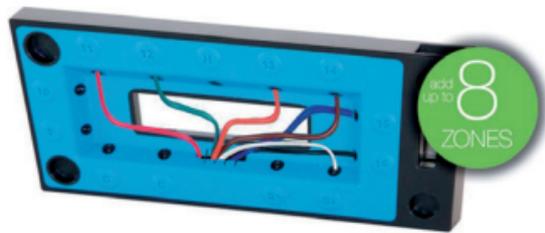
## Before you begin

If you are installing the Skydrop expansion module to a Skydrop Controller that is already installed and setup, make sure you follow the proper steps to power down the system before removing the controller from the wall plate.

Power down. To power down, press and hold the power button located on the bottom of the controller until the jog dial glows yellow.

Release the power button and wait 10 seconds.

Grab the right side of the controller with the ring and gently pull until it unsnaps from the wall plate.

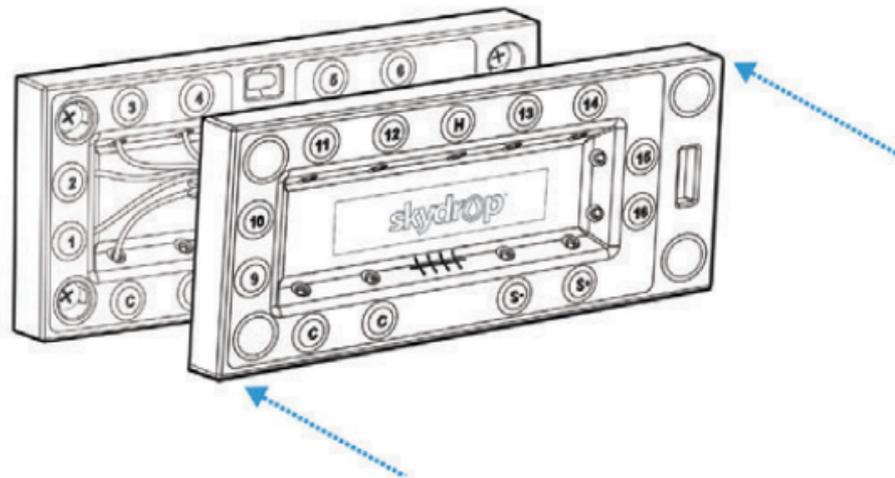


# Step 1: Connect expansion module

Connect the Skydrop expansion module to the wall plate. Align the snap pegs on the back of the expansion module with the holes in the wall plate, then push the two firmly together.

## Alternate Wiring Connection

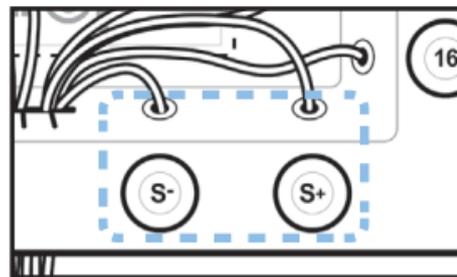
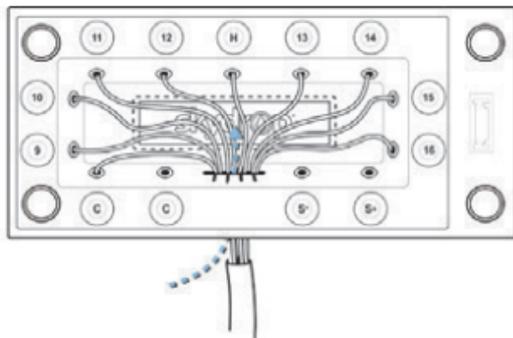
**NOTE:** Prior to connecting the expansion module to the wall plate, you can choose to feed the wires through the middle of the expansion module by popping out the logo plate.



## Step 2: Connect wires

Feed wires into the expansion module. Push each valve wire firmly into a zone receptacle (9-16) and pull back slightly to verify each wire is secure.

The sensor inputs, S-(negative) and S+(positive) on the expansion module will allow you to connect a flow or rain sensor to the skydrop controller. Once your sensor is connected and your skydrop controller is powered on, go to Controller Settings for configuration. Place the controller onto the expansion module. The VYR logo will illuminate when the controller is powered on.





## Step 3: Setup wizard

Once the controller is powered on, the setup wizard will prompt you to configure each new zone added with the expansion module.

After you have completed the setup for all zones, check to verify all zones appear in the menu list.

For users with custom schedules, you will need to add the new zones (Zones 9 to 16) to your existing custom schedules.

You can make any edits or adjustments from the 'Settings Menu' using your smartphone app or web browser. You can also create a custom schedule specific to your newly added zones.

## Limited Warranty

VYRSA warrants all our control system products to be free of defects in materials or workmanship under normal use for a period of two (2) years from the date of the original retail purchase. All our sprinklers and accessories products are warranted to be free of defects in materials or workmanship under normal use for three (3) years from the date of the original retail purchase. In case VYRSA detects any defect during the warranty period on any of our products, VYRSA will repair or replace, at its option, the product or the defective part.

VYRSA warranties do not extend to repairs, adjustments, or replacement of any of our products or part that results from misuse, negligence, alteration, tampering, modification or improper installation and/or maintenance of the product. This warranty extends only to the original installer of the VYRSA product.

In case that a defect appears in a VYRSA product or part during the warranty period, you should contact your local VYRSA Authorized Distributor.

VYRSA'S OBLIGATION TO REPAIR OR REPLACE ITS PRODUCTS AS SET FORTH ABOVE IS THE SOLE AND EXCLUSIVE WARRANTY SET FORTH BY VYRSA. THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. VYRSA WILL NOT BE LIABLE TO ANY PARTY IN STRICT LIABILITY, TORT, CONTRACT OR ANY OTHER MANNER FOR DAMAGES CAUSED OR CLAIMED TO BE CAUSED AS A RESULT OF ANY DESIGN OR DEFECT IN VYRSA PRODUCTS, OR FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE.

If you have any questions concerning the warranty or its application, please write to:

VYR S.A. - Polig. Ind. N1 - 09001 Burgos, SPAIN

# VYRSA

skydrop

+34 947 26 22 26

[www.vyrsa.com/skydrop](http://www.vyrsa.com/skydrop)