

# ProEX 2.0 WiFi Enabled Controller



## QUICK START GUIDE

*Connecting the WiFi hub to the internet*



End User



Contractor



RF Secured



Pro Ex 2.0  
WiFi Enabled  
Controller

Includes:

Instructions for



Apple iOS



Android

Sharing controller  
with contractor


Adding controllers  
to homeowner and  
contractor accounts



[www.krain.com](http://www.krain.com)

# START HERE FOR iOS APP

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 **IMPORTANT:** Use only the power supply provided.

## ITEMS NEEDED:

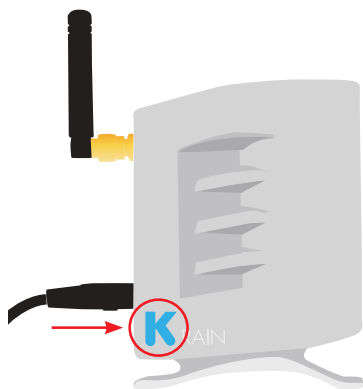
1. Pro Ex 2.0 WiFi Enabled Irrigation Controller
2. RF Module
3. WiFi Hub

## Powering and Placing your WiFi Hub:

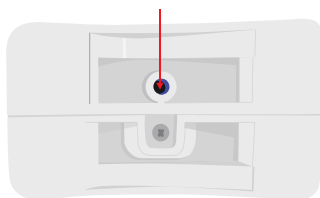
A) Pick a dry location inside the home or in the garage with good WiFi signal strength. An easy way to evaluate signal strength is using the WiFi signal indicator on your smartphone or tablet; the icon should be full. **\*\*Do not place hub next to large metal appliances, e.g. hot water heater, air conditioning unit, etc.**



B) After plugging the power to the WiFi Hub, the “K” LED light should be flashing (On/ Off). This may take several seconds.



**NOTE:** If the LED is not flashing, reset the hub using the setting button located on the bottom base of the unit. The “K” LED should start flashing (On/ Off) after holding down the button for three seconds.



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## Creating a User Account and Connecting the Wifi Hub to the Controller for the first time using an iOS Device:

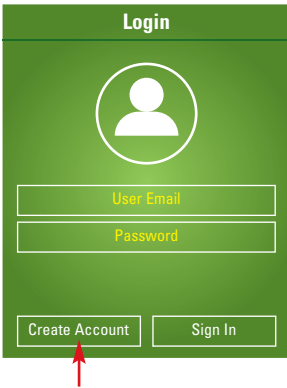
### STEP 1

Download the K-Rain Pro EX WiFi App From the itunes App Store.



## STEP 2

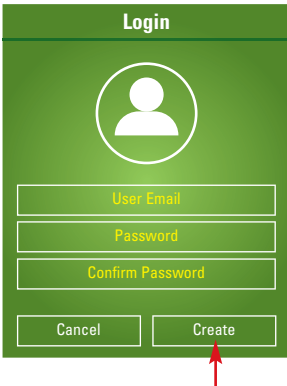
Click on "Create Account" Button



The image shows a green login screen titled "Login". At the top center is a white circular icon of a person. Below it are two input fields: "User Email" and "Password". At the bottom are two buttons: "Create Account" and "Sign In". A red arrow points to the "Create Account" button.

## STEP 3

Enter a valid e-mail address



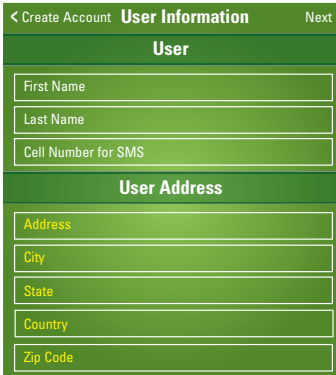
The image shows a green login screen titled "Login". At the top center is a white circular icon of a person. Below it are three input fields: "User Email", "Password", and "Confirm Password". At the bottom are two buttons: "Cancel" and "Create". A red arrow points to the "Create" button.

**NOTE:** Password must be at least 6 characters long.

## STEP 4

Enter user information

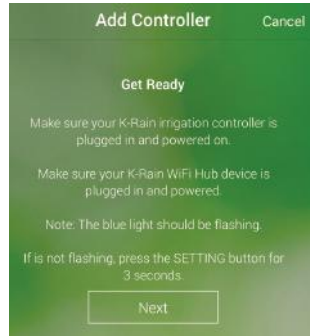
**NOTE:** Smartphone or tablet **MUST** be connected to the WiFi network in order to connect the WiFi Hub.



The image shows a green "User Information" screen. At the top, it says "Create Account" on the left, "User Information" in the center, and "Next" on the right. Below this is a section titled "User" with three input fields: "First Name", "Last Name", and "Cell Number for SMS". Below that is a section titled "User Address" with five input fields: "Address", "City", "State", "Country", and "Zip Code".

## STEP 5

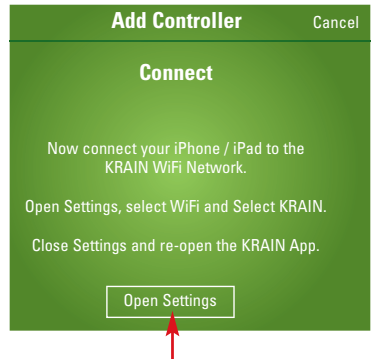
Reminder screen. After following procedure indicated, click Next.



The image shows a green "Add Controller" screen with a "Cancel" button in the top right. The main heading is "Get Ready". Below it are three paragraphs of text: "Make sure your K-Rain irrigation controller is plugged in and powered on.", "Make sure your K-Rain WiFi Hub device is plugged in and powered.", and "Note: The blue light should be flashing. If is not flashing, press the SETTING button for 3 seconds." At the bottom is a "Next" button.

## STEP 6

Click "Open Settings" button and go to the general WiFi settings on the iOS settings screen.



The image shows a green "Add Controller" screen with a "Cancel" button in the top right. The main heading is "Connect". Below it are three paragraphs of text: "Now connect your iPhone / iPad to the KRAIN WiFi Network.", "Open Settings, select WiFi and Select KRAIN.", and "Close Settings and re-open the KRAIN App." At the bottom is an "Open Settings" button. A red arrow points to the "Open Settings" button.



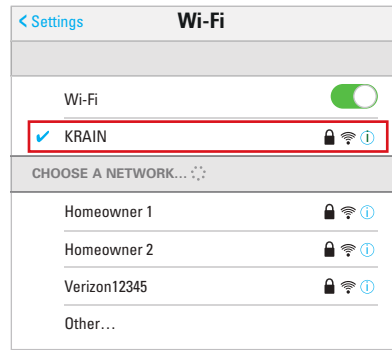
The image shows a green "Add Controller" screen with a "CANCEL" button in the top right. The main heading is "FOR DUAL-BAND ROUTERS". Below it are two paragraphs of text: "MAKE SURE YOUR SMARTPHONE/TABLET is connected to a 2.4GHz WIFI NETWORK." and a red box containing "NOTE -THIS DEVICE IS NOT COMPATIBLE WITH 5GHZ WiFi signals."

**NOTE:** For dual-band routers, make sure your smartphone/tablet is connected to a 2.4GHz WiFi Network. This device is not compatible with 5GHz WiFi signals.

## Connecting your phone to the WiFi Hub:

### STEP 7

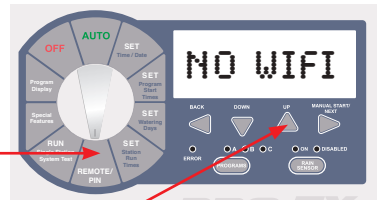
Select the KRAIN WiFi network. The WiFi Hub creates a momentary WiFi network during this process in order to pair with your router. (During this time the “K” LED is flashing).



## Connecting your controller to the WiFi Hub:

### STEP 8

Go to the Pro Ex 2.0 controller faceplate. Move the dial to the REMOTE/PIN location.



Press UP button until you see NO WiFi on controller LCD.

Press MANUAL START/NEXT button and it will start searching for the WiFi Hub.

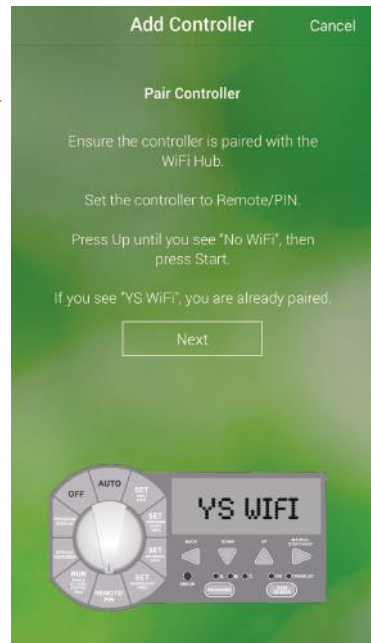


When the display shows “YS WiFi” on the LCD, it has been paired with the WiFi Hub.



### STEP 9

Go back to K-Rain Pro EX 2.0 WiFi Controller App. It will show this screen as a reminder that the Controller and WiFi hub had to be paired before going into the next step.



## Connecting your WiFi Hub to your Router:

### STEP 10

Enter home network WiFi Network (SSID) and password. Click configure controller.

### STEP 11

Confirmation Screen. **Wait a few minutes for the WiFi Hub to connect to the Cloud.** At this point, the blue light on Hub should stop flashing and become solid. If blue light is not solid, has gone out or still flashing, click "Try Again", follow instructions.

## TROUBLESHOOTING GUIDE

LED Indication	BLUE	GREEN	RED
ACCESS POINT (AP) Mode: WiFi Hub is on AP mode (for device setup).	Flashing	OFF	OFF
RF Communication OK: WiFi Hub Authenticating with user WiFi Router.	OFF	Flashing	OFF
RF Communication OK: WiFi connected to local user router successfully. Pending to connect to K-Rain server.	OFF	ON	OFF
RF Communication OK: WiFi connection to web server OK.	ON	OFF	OFF
RF Communication Error: Momentary or constant inadequate RF communication.	OFF	OFF	ON

### STEP 12

Name your controller, and complete the address location. Click next.

**NOTE:** It is important to completely fill in address for Weather Forecast and **Weather IQ™** accuracy.

### STEP 13

Congratulations on connecting your WiFi controller. Click DONE.

For additional support, please visit: [support.krain.com/support/home](http://support.krain.com/support/home)

# START HERE FOR ANDROID APP

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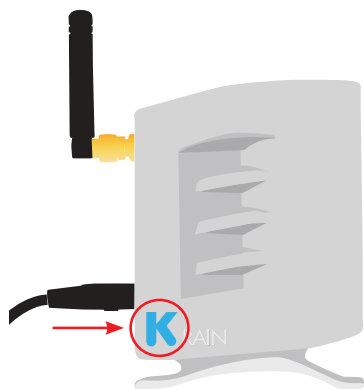
 **IMPORTANT:** Use only the power supply provided.

## ITEMS NEEDED:

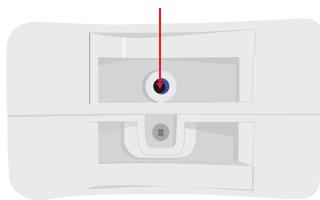
1. Pro Ex 2.0 WiFi Enabled Irrigation Controller
2. RF Module
3. WiFi Hub

## Powering and Placing your WiFi Hub:

- A) Pick a dry location inside the home or in the garage with good WiFi signal strength. An easy way to evaluate signal strength is using the WiFi signal indicator on your smartphone or tablet; the icon should be full. **\*\*Do not place hub next to large metal appliances, e.g. hot water heater, air conditioning unit, etc.**
- B) After plugging the power to the WiFi Hub, the “K” LED light should be flashing (On/ Off). This may take several seconds.



**NOTE:** If the LED is not flashing, reset the hub using the setting button located on the bottom base of the unit. The “K” LED should start flashing (On/ Off) after holding down the button for three seconds.



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## Creating a User Account and Connecting the Wifi Hub to the Controller for the first time using an Android Device:

### STEP 1

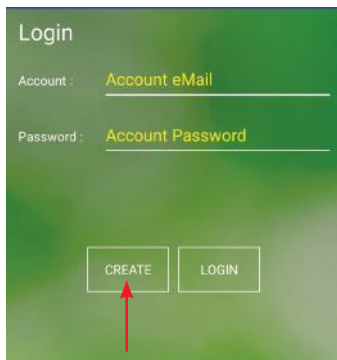
Download the K-Rain Pro EX WiFi App From the Google Play App Store.



**NOTE:** From the Settings Menu on your device, grant “all permissions” after downloading app.

## STEP 2

Click on "Create" Button



Login

Account : Account eMail

Password : Account Password

**NOTE:** Password must be at least 6 characters long.

## STEP 4

Enter user information

**NOTE:** Smartphone or tablet **MUST** be connected to the WiFi network in order to connect the WiFi Hub.



K-Rain

User

First Name

Last Name

Cell Number for SMS

Show wind speed in

Show temperature in

User Address

Address

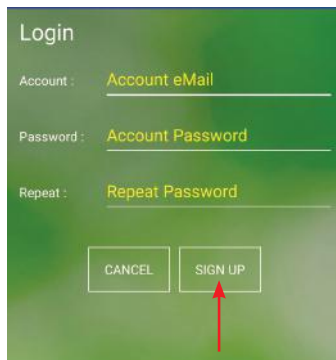
City

State / Province

Country

## STEP 3

Enter a valid e-mail address



Login

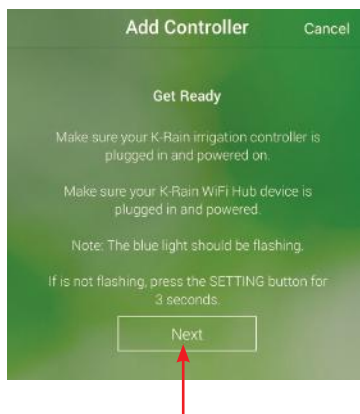
Account : Account eMail

Password : Account Password

Repeat : Repeat Password

## STEP 5

Reminder screen. Enter user information. After following the procedure indicated, click Next.



Add Controller

Get Ready

Make sure your K-Rain irrigation controller is plugged in and powered on.

Make sure your K-Rain WiFi Hub device is plugged in and powered.

Note: The blue light should be flashing.

If is not flashing, press the SETTING button for 3 seconds.



Add Controller

FOR DUAL-BAND ROUTERS

MAKE SURE YOUR SMARTPHONE/TABLET is connected to a 2.4GHz WIFI NETWORK.

**NOTE: THIS DEVICE IS NOT COMPATIBLE WITH 5GHz WIFI signals.**

**NOTE:** For dual-band routers, make sure your smartphone/tablet is connected to a 2.4GHz WiFi Network. This device is not compatible with 5GHz WiFi signals.

## Connecting your controller to the WiFi Hub:

### STEP 6

Go to the Pro Ex 2.0 controller faceplate. Move the dial to the REMOTE/PIN location.



Press UP button until you see NO WiFi on controller LCD.

Press MANUAL START/NEXT button and it will start searching for the WiFi Hub.



When the display shows "YS WiFi" on the LCD, it has been paired with the WiFi Hub.



### STEP 7

Go back to K-Rain Pro EX 2.0 WiFi Controller App. It will show this screen as a reminder that the Controller and WiFi hub had to be paired before going into the next step.



## Connecting your WiFi Hub to your Router:

### STEP 8

Enter your home network WiFi Network (SSID) and password. Click configure controller.





## STEP 9

Confirmation Screen. **Wait a few minutes for the WiFi Hub to connect to the Cloud.**

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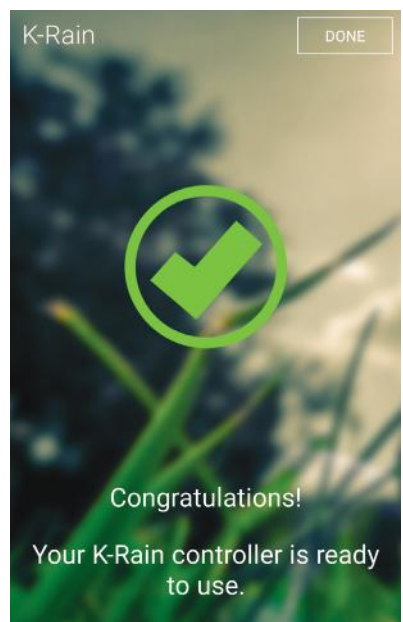
## STEP 10

Name your controller, complete address location of this controller. Click next.

**NOTE:** It is important to completely fill in the address for Weather Forecast and **Weather IQ™** accuracy.

## STEP 11

Congratulations on connecting your WiFi controller. Click DONE.



For additional support, please visit: [support.krain.com/support/home](http://support.krain.com/support/home)

# HOW TO SHARE CONTROLLER

## CONTRACTOR

### Adding a Pro Ex 2.0 WiFi Controller to Your Account

Register for a professional account at: [www.krain.com/proexcontractor](http://www.krain.com/proexcontractor)

**NOTE:** The homeowner must enable the share feature via their account prior to adding a controller to the contractor's account.

Ask the homeowner to complete the contractor information card included for you.

#### WEBSITE METHOD:

To add a controller via web browser (MAC address):  
Go to [myproex.krain.com](http://myproex.krain.com) and login. Select "My Account" page. Enter MAC Address printed on WiFi Hub and Click ADD. Refresh Screen.

The controller should now appear. MANAGE allows you to log into that controller and modify settings.

My Account

My account details

Contractor-1	Enter your full address*
Irrigation and Landscape	1234 Anystreet way
234-567-8910	Anytown
contractor@email.com	FL 12345
Password	United States

Connect to other controllers

Search by Name, MAC, Phone, Address

\	\	On	Active	Delete
\	\	On	Manage	Delete
\	MAC Address	Add		

Save Cancel

If controller does not appear, contact the homeowner and ask them to share via the instructions provided.

#### FROM NATIVE iOS/ANDROID App:

You should receive an email from the homeowner with an attachment. If you have the App installed, simply tap on the attachment to install:

If you do not receive the email, please check spam and then contact the homeowner.



# HOMEOWNER

## Sharing Your Pro Ex 2.0 WiFi Controller

### FROM NATIVE iOS/ANDROID App:

Download the K-Rain Pro EX WiFi from the itunes or Google Play App Store.



itunes  
iOS App



Google Play  
Android App

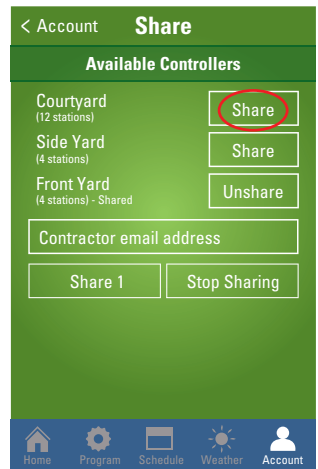
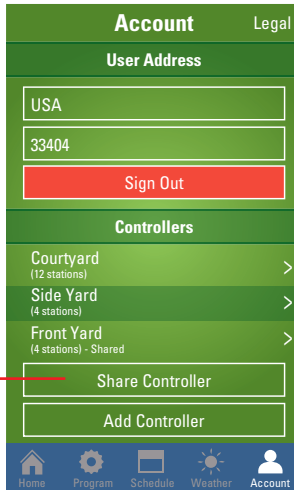


Complete the homeowner and contractor information cards included and give the card to your contractor.

### Email share method:

If you have email set up on your smart phone, you can share your controller by tapping "Share" in the App on the Account Page.

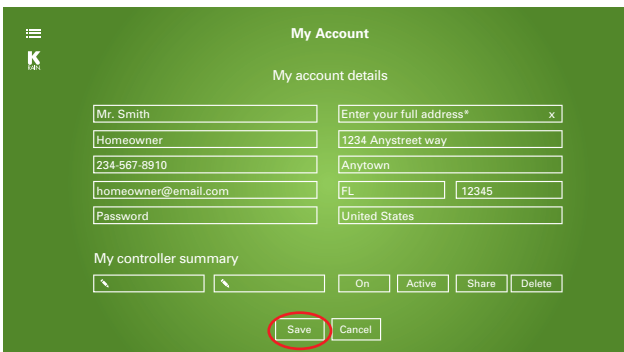
Tap "Share Controller" and enter contractor's email address from the completed information card. Tap "Share" underneath the email address field.



The App will generate a share file in an email and send it directly to the contractor.

### WEBSITE METHOD:

Go to [myproex.krain.com](http://myproex.krain.com) and log into your account. In the "My Account" page. Click "Share" next to your controller and then save. The contractor will then be able to add your irrigation controller to their account based on the information documented (MAC Address) during controller installation.





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