

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

START HERE FOR iOS APP

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

ITEMS NEEDED:

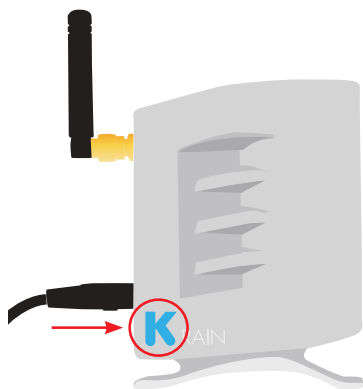
1. Pro Ex 2.0 WiFi Enabled Irrigation Controller
2. RF Module
3. WiFi Hub

Powering and Placing your WiFi Hub:

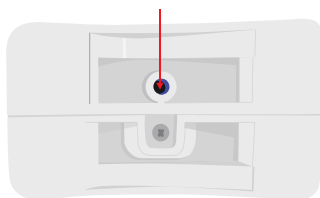
A) Pick a dry location inside the home or in the garage with good WiFi signal strength. An easy way to evaluate signal strength is using the WiFi signal indicator on your smartphone or tablet; the icon should be full. ****Do not place hub next to large metal appliances, e.g. hot water heater, air conditioning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



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

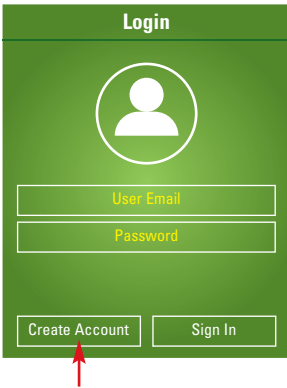
STEP 1

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



STEP 2

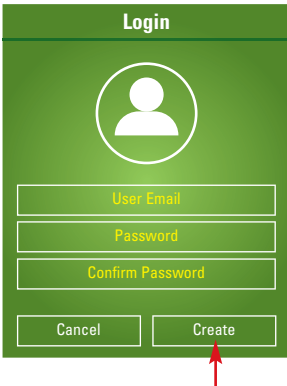
Click on "Create Account" Button



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



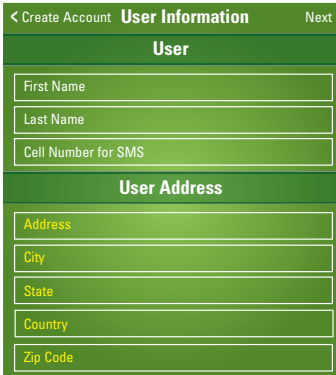
The image shows a green login screen titled "Login". At the top center is a white circular icon of a person. Below it are three input fields: "User Email", "Password", and "Confirm Password". At the bottom are two buttons: "Cancel" and "Create". A red arrow points to the "Create" button.

NOTE: Password must be at least 6 characters long.

STEP 4

Enter user information

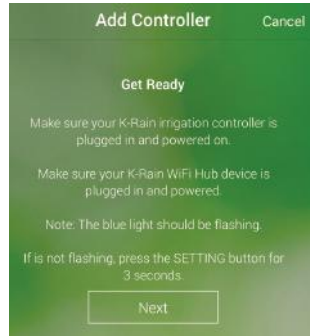
NOTE: Smartphone or tablet **MUST** be connected to the WiFi network in order to connect the WiFi Hub.



The image shows a green screen titled "User Information" with a back arrow and "Next" button. It is divided into two sections: "User" and "User Address". The "User" section has input fields for "First Name", "Last Name", and "Cell Number for SMS". The "User Address" section has input fields for "Address", "City", "State", "Country", and "Zip Code".

STEP 5

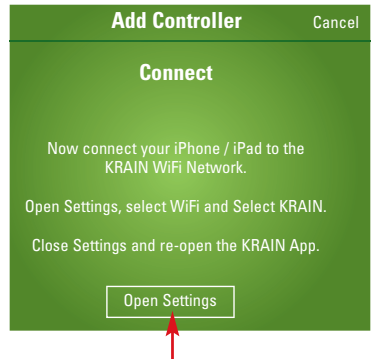
Reminder screen. After following procedure indicated, click Next.



The image shows a green screen titled "Add Controller" with a "Cancel" button. It says "Get Ready" and provides instructions: "Make sure your K-Rain irrigation controller is plugged in and powered on." and "Make sure your K-Rain WiFi Hub device is plugged in and powered." A note says: "Note: The blue light should be flashing. If is not flashing, press the SETTING button for 3 seconds." There is a "Next" button at the bottom.

STEP 6

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



The image shows a green screen titled "Add Controller" with a "Cancel" button. It says "Connect" and provides instructions: "Now connect your iPhone / iPad to the KRAIN WiFi Network. Open Settings, select WiFi and Select KRAIN. Close Settings and re-open the KRAIN App." There is an "Open Settings" button at the bottom. A red arrow points to the "Open Settings" button.



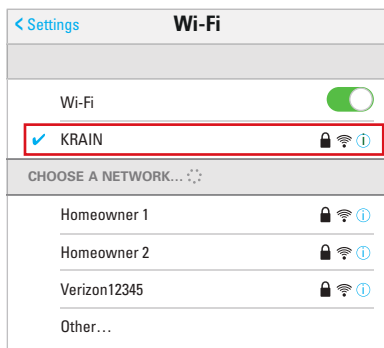
The image shows a green screen titled "Add Controller" with a "CANCEL" button. It says "FOR DUAL-BAND ROUTERS" and provides instructions: "MAKE SURE YOUR SMARTPHONE/TABLET is connected to a 2.4GHz WIFI NETWORK." A red banner at the bottom says: "NOTE -THIS DEVICE IS NOT COMPATIBLE WITH 5GHZ WiFi signals."

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

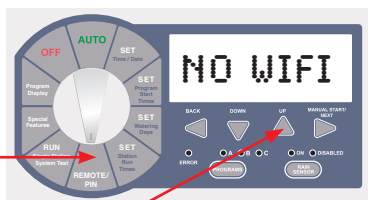
Select the KRAIN WiFi network. The WiFi Hub creates a momentary WiFi network during this process in order to pair with your router. (During this time the “K” LED is flashing).



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

START HERE FOR ANDROID APP

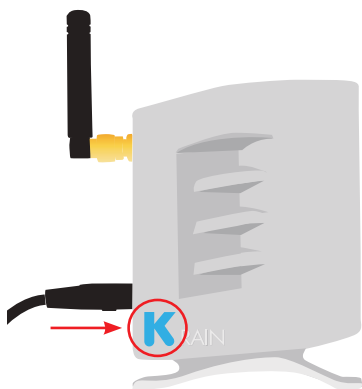
 **IMPORTANT:** Use only the power supply provided.

ITEMS NEEDED:

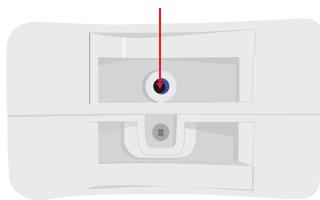
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Powering and Placing your WiFi Hub:

- 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.



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

STEP 1

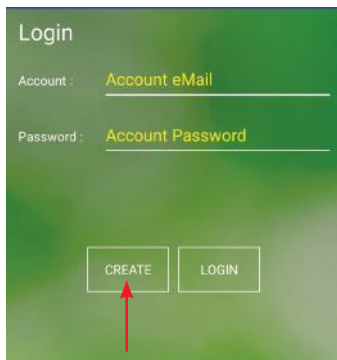
Download the K-Rain Pro EX WiFi App From the Google Play App Store.



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

CREATE LOGIN

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 DONE

User

First Name

Last Name

Cell Number for SMS

Show wind speed in MPH KM/HR

Show temperature in F C

User Address

Address

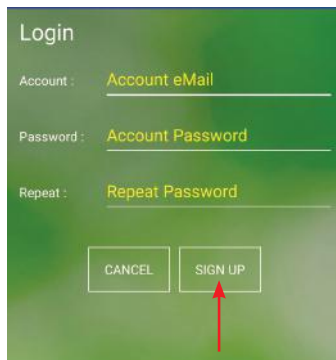
City

State / Province

Country

STEP 3

Enter a valid e-mail address



Login

Account : Account eMail

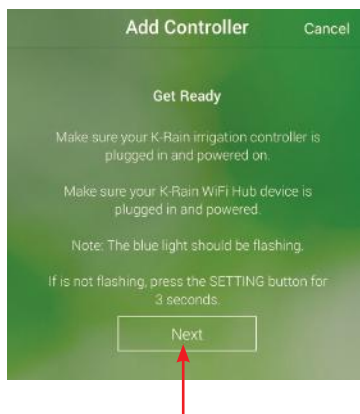
Password : Account Password

Repeat : Repeat Password

CANCEL SIGN UP

STEP 5

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



Add Controller Cancel

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.

Next



Add Controller CANCEL

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

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



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

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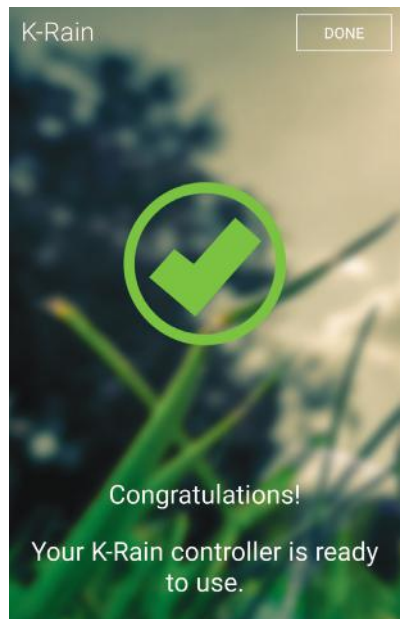
STEP 10

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

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

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 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

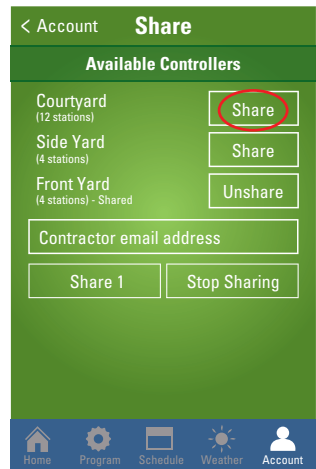
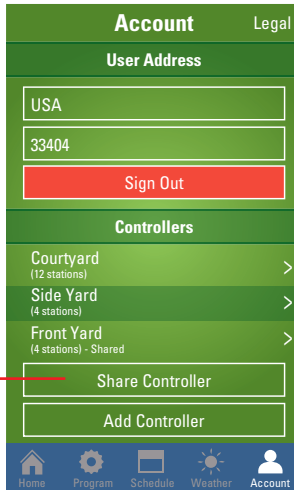


Complete the homeowner and contractor information cards included and give the card to your contractor.

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.

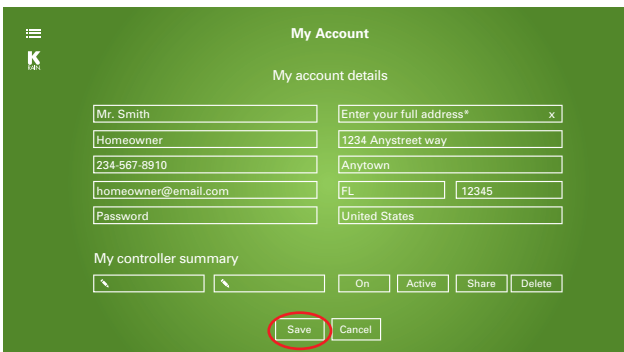
Tap "Share Controller" and enter contractor's email address from the completed information card. Tap "Share" underneath the email address field.



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

WEBSITE METHOD:

Go to myproex.krain.com 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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