# ProEX 2.0 WiFi Enabled Controller

## QUICK START GUIDE

*Connecting the WiFi hub to the internet*

Includes:

Instructions for

Apple iOS

Android

Sharing controller with contractor

Adding controllers to homeowner and contractor accounts

**End User**

**Contractor**

**Cloud**

**Internet Router**

**WiFi**

**WiFi Hub**

**RF Secured**

**Pro Ex 2.0 WiFi Enabled Controller**

K RAIN®

**www.krain.com**

# START HERE FOR iOS APP

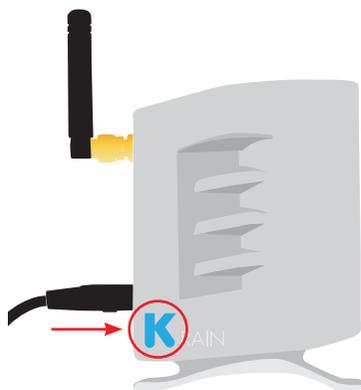⚠️ **IMPORTANT:** *Use only the power supply provided.*

## ITEMS NEEDED:
1. Pro Ex 2.0 WiFi Enabled Irrigation Controller
2. RF Module
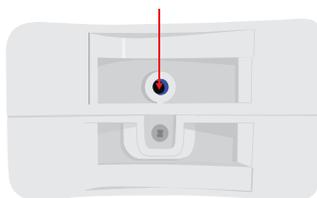3. WiFi Hub

### 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

**Login**

User Email

Password

Create Account | Sign In

## STEP 3
Enter a valid e-mail address

**Login**

User Email

Password

Confirm Password

Cancel | Create

*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.*

< Create Account **User Information** Next

**User**

First Name

Last Name

Cell Number for SMS

**User Address**

Address

City

State

Country

Zip Code

## STEP 5
Reminder screen. After following 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

## STEP 6
Click "Open Settings" button and go to the general WiFi settings on the iOS settings screen.

**Add Controller**          Cancel

**Connect**

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.

Open Settings

Add Controller          CANCEL

**FOR DUAL-BAND ROUTERS**

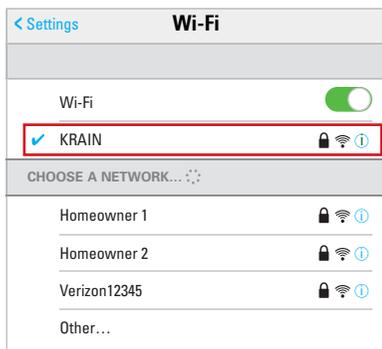MAKE SURE YOUR SMARTPHONE/TABLET is connected to a 2.4GHz WIFI NETWORK.

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 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).

| | Wi-Fi | |
|---|---|---|
| | Wi-Fi | 🟢 |
| ✔ | KRAIN | 🔒 📶 ⓘ |
| CHOOSE A NETWORK... | | |
| | Homeowner 1 | 🔒 📶 ⓘ |
| | Homeowner 2 | 🔒 📶 ⓘ |
| | Verizon12345 | 🔒 📶 ⓘ |
| | Other... | |

‹ Settings

## 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.

NO WIFI

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

FINDING

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

YS WIFI

### 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.

**Add Controller**   Cancel

**Pair Controller**

Ensure the controller is paired with the
WiFi Hub.

Set the controller to Remote/PIN.

Press Up until you see "No WiFi", then
press Start.

If you see "YS WiFi", you are already paired.

Next

YS WIFI

## Connecting your WiFi Hub to your Router:

### STEP 10
Enter home network WiFi Network (SSID) and password. Click configure controller.

| Add Controller | Cancel |
|---|---|

**Connect to KRAIN's WiFi Hub**

Enter the name (SSID) and password for your home WiFi network.

WiFiNetworkname ⊗

•••••••••••• ⊗

Show Password ⬤

Remember Password ⬤

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.

| Add Controller | Cancel |
|---|---|

**Confirm**

The blue status light should be lit on the KRAIN WiFi Hub, indicating that it has connected succussfully to your home WiFi network.

Try Again    Done

### 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.

| ‹ Back | Controller Information | Next |
|---|---|---|

**Controller Information**

Controller Name

**Address**

Address

City

State

Country

Zip Code

*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.

| Complete | Done |
|---|---|

Congratulations!

Your KRain controller is ready to use.

For additional support, please visit: **support.krain.com/support/home**
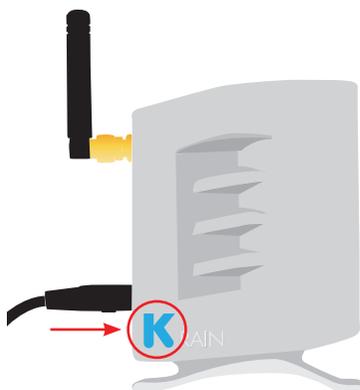
# START HERE FOR ANDROID APP

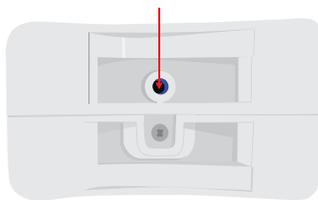⚠️ **IMPORTANT:** *Use only the power supply provided.*

## 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 Android Device:
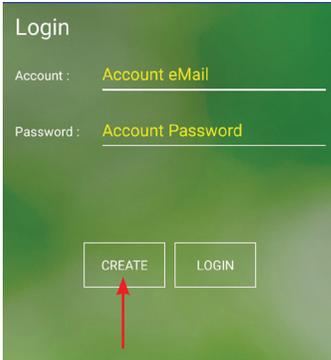
#### STEP 1
Download the K-Rain Pro EX WiFi App From the Google Play App Store.

**NOTE:** *From the Settings Menu on your device, grant "all permissions" after downloading app.*
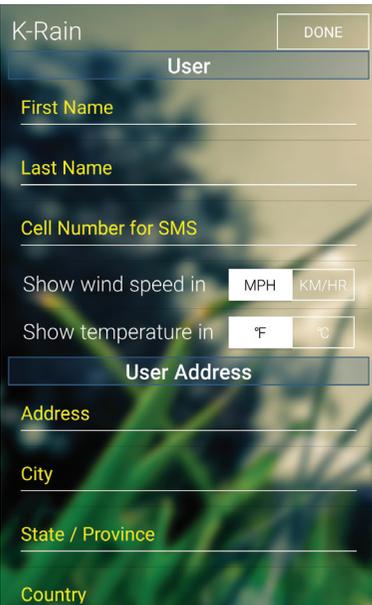
## STEP 2
Click on "Create" Button



**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.*



## STEP 3
Enter a valid e-mail address



## STEP 5
Reminder screen. Enter user information. After following the procedure indicated, click Next.





**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.

Add Controller    CANCEL

Pair Controller

Ensure your controller is paired with the WiFi Hub.

Set the Controller to Remote/PIN.

Press Up until you see "No WiFi", then press Start.
If you see "YS WiFi" you are already paired.

YS WIFI

Found K-Rain Hub

NEXT

### Connecting your WiFi Hub to your Router:

### STEP 8

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

Add Controller    CANCEL

Connect to K-Rain WiFi Hub

Enter the name (SSID) and password for your home WiFi network.

WiFiNetworkName

..........

Show Password

CONFIGURE

## STEP 9

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 |
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| RF Communication OK: WiFi connection to web server OK. | ON | OFF | OFF |
| RF Communication Error: Momentary or constant inadequate RF communication. | OFF | OFF | ON |

Add Controller — CANCEL

Confirm

The blue status light should be lit on the K-Rain WiFi Hub, indicating that it has connected successfully to your home WiFi network.
Note: It could take up to one minute for the WiFi Hub light to become lit.

TRY AGAIN — DONE

## STEP 10

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

K-Rain — DONE

**Controllers**

Controller Name

**Controller Address**

1640 Australian Ave

Riviera Beach

Florida
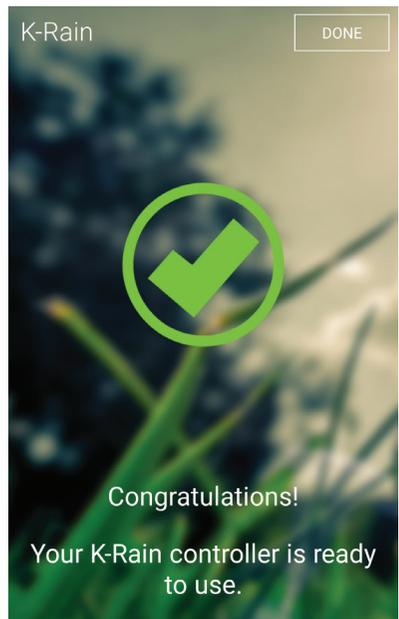
Usa

33404

**Station**

1 Station Name

2 Station Name

***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.

K-Rain — DONE

Congratulations!

Your K-Rain controller is ready to use.

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.

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

My Account

My account details

Contractor-1 | Enter your full address* | x
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
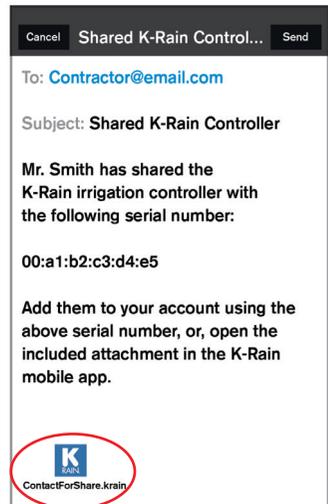On | Manage | Delete
MAC Address | Add

Save | Cancel

### 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.

Cancel | Shared K-Rain Control... | Send

To: Contractor@email.com

Subject: **Shared K-Rain Controller**

**Mr. Smith has shared the K-Rain irrigation controller with the following serial number:**

**00:a1:b2:c3:d4:e5**

**Add them to your account using the above serial number, or, open the included attachment in the K-Rain mobile app.**

ContactForShare.krain

# HOMEOWNER
## Sharing Your Pro Ex 2.0 WiFi Controller

**FROM NATIVE iOS/ANDROID App:**
Download the K-Rain Pro EX WiFi App from the itunes or Google Play App Store.

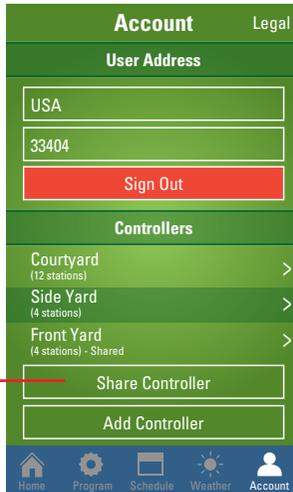itunes
iOS App

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.

| Account | Legal |
|---|---|
| **User Address** | |

USA

33404

Sign Out

**Controllers**

Courtyard
(12 stations)

Side Yard
(4 stations)

Front Yard
(4 stations) - Shared

Share Controller

Add Controller

Home  Program  Schedule  Weather  **Account**

< Account **Share**

**Available Controllers**

Courtyard
(12 stations)                 Share

Side Yard
(4 stations)                  Share

Front Yard
(4 stations) - Shared         Unshare

Contractor email address

Share 1        Stop Sharing

Home  Program  Schedule  Weather  **Account**

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.

**My Account**

My account details

Mr. Smith

Homeowner

234-567-8910

homeowner@email.com

Password

Enter your full address*         x

1234 Anystreet way

Anytown

FL          12345

United States

My controller summary

On    Active    Share    Delete

Save    Cancel