# Pknight WiFi-DMX Easynode 5 Pin and 3 Pin Plug User Manual

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## Contents

## Introduction

Congratulations and thank you for purchasing the Pknight WiFiDMX EasyNode. The plug is a wireless bridge between your WiFi device and all lighting products equipped with DMX512.It is the ideal solution for film and television video lights or for any event where you don't want data cables to be seen,and when it is not easy to run data cables to your fixture(s) location. The EasyNode creates its own local secure Wi-Fi network so that you can use Your iPhone or iPad or Android phone or a laptop or Tablet PC as a lighting controller using many DMX apps.

## Customer Support

Pknight Products, LLC provides a toll free customer support, to provide set up help and to answer any question should you encounter problems during your set up or initial operation. You may also visit us on the web at www.Pknightpro.com for any comments or suggestions. **E-mail: carrierplus@163.com** / **info@pknightpro.com** We will contact you within 24 hours

**\*important\***
**Default IP Address:** 192.168.4.1
**Default Hotspot Password:** PKNIGHT.WIFI

## The app we can use

| APP | IOS | iPad | Aneroid | Mac | windons |
|---|---|---|---|---|---|
| WIFI-DMX PRO | √ | √ | √ | | |
| Luminaire 4 | √ | √ | | | |
| Stellar | √ | √ | √ | | |
| Photon | | √ | | | |
| Stage Light | | √ | | | |
| Blackout Lightin g Console | | √ | | | |
| Vibrio | | √ | | | |
| Light Rider | | √ | | | |
| Free Style | | | | | √ |
| QLc + | | | | √ | √ |
| Light key | | | | √ | |
| Console | | | | √ | |
| Madrix | | | | √ | √ |
| Chameleon | | | | √ | |
| Light Factory | | | | | |
| Arkaosmediama ster | | | | √ | √ |
| Lightforge | | | | | √ |
| TOUCHDESIGN ER | | | | | √ |
| Jinxiled Matrix C ontrol | | | | | √ |

*note*There are many other apps not on the list

1. Embedded Antenna signal between bridge and Wi-Fi device.
2. Power Supply Connection Connect the provided power supply to this hole.5V DC
3. Activity Indicator LED This LED indicates activity on the device
4. **Function buttons**

   Short press this button, the controller will change the WiFi frequency, these frequencies are displayed in 7 colors (red ,magenta, yellow, white ,blue, green, cyn)

   **\*NOTE\*HOW TO RESTORE FACTORY SETTING**

   When the power is disconnected, press and hold this button and plug in the power again and wait for 5 seconds, the controller will restore the factory settings.
5. Pin or 3 female DMX Output the DMX512 or input the RDM signal(DMX512 universes are the same)

**led indicator diagram**

7 colors

Red

Magenta  yellow  white  blue  Green  cyan

**\*note\***
If the led indicator blinks quickly, the DMX signal output is normal, otherwise, it is abnormal. Please recheck!

**All setup is done by the device with the apps installed.**
Turned on the Pknight ® WIFI-DMX Easy Node, you should be able to find the "PKNIGHT. WIFI+64123" network using the Wi-Fi settings on your mobile network equipment. (\*note\*The red number 64123 is the unique identification of  this controller) The default password to join is "PKNIGHT.WIFI". After joining the network you can start the DMX app. The figure below is the interface of luminair.
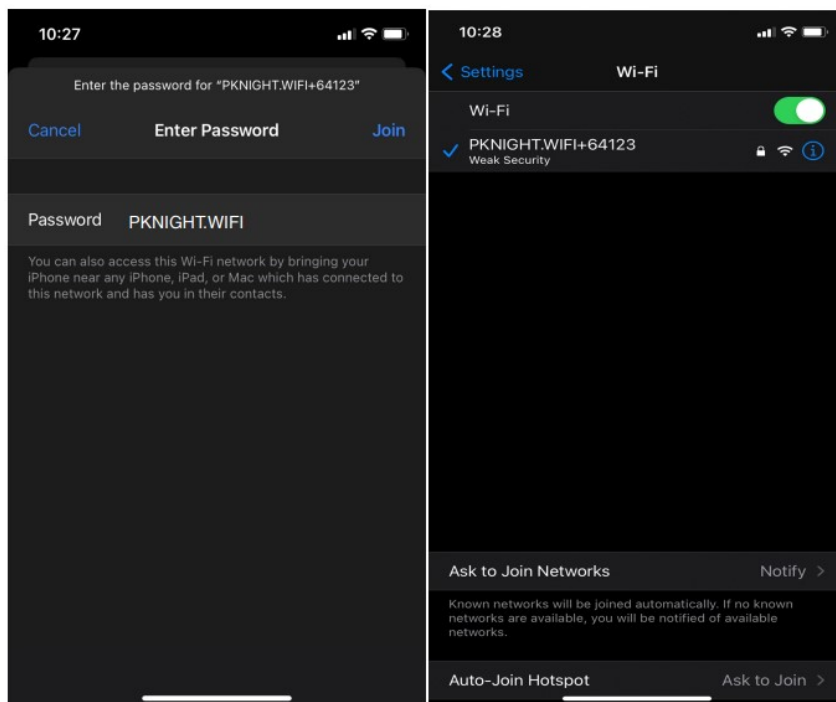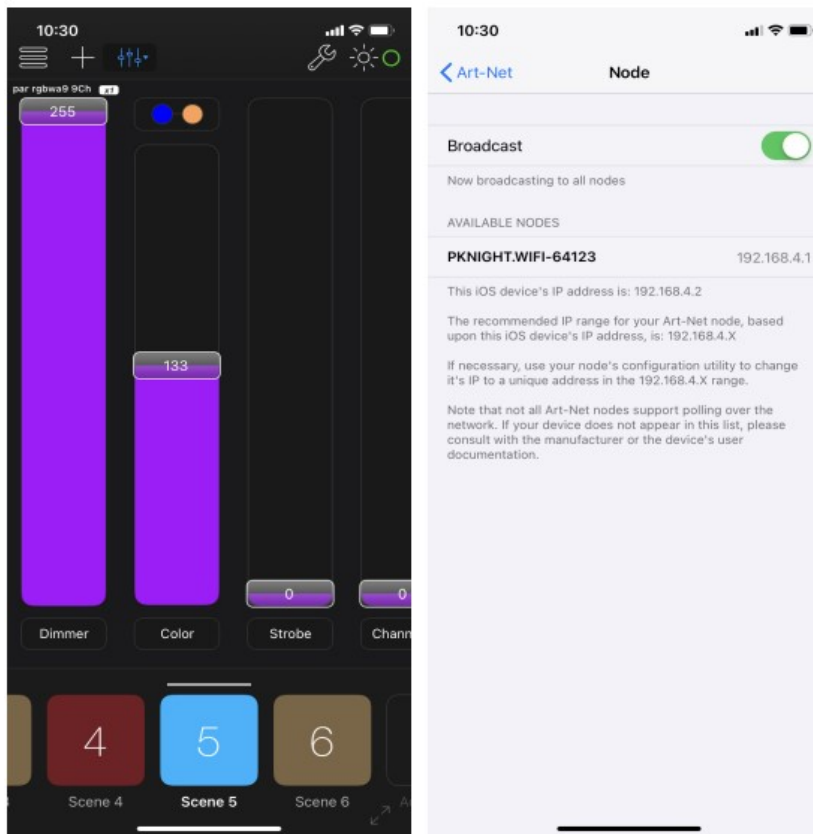
Here we have completed the work of signal connection, if you want to change this controller WiFi name and password, open the web browser of your device and enter 192.168.4.1, a view will appear similar to the following figure.

**\*note\***
It is recommended that you change the name or password or both for the security of your lighting system.

**WiFi SETTING**

1. If you want to connect an external router, you need to enter the router's WiFi name and password, and not only that, you need to make sure the checkbox **( 4 )** is not checked if you want to make this connection take effect. (used only in router mode).

2. Here is the controller itself WiFi or hotspot information, it can be customized, The network name can be 1-32 characters in length and the password can be 8-16 characters in length. Only alphanumeric characters or space characters are allowed. If you forget the WiFi password, you can go back to page 5 and refer to the function button to restore factory settings.

3. If the wifi of the external router cannot be connected, the hotspot will start after a delay of 25 seconds. It can also be customized.

4. Check the independent mode to disable the router's WiFi connection and allow datato be received through its own hotspot. Usually, we use it as a switch to disconnect the router's WiFi and use its own hotspot to connect with other devices.

**Turn off the power and then turn it back on for the changes to take effect.**

**Easylink mode**
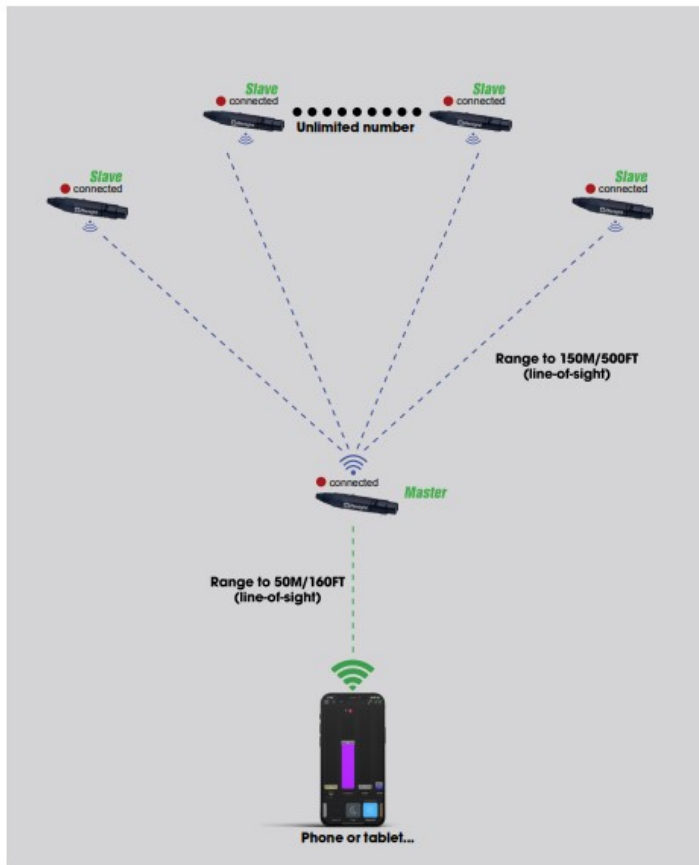
**How to do?**

In easylink mode,just make sure that the LED lights of each controller have the same color, and then connect the hotspot signal of any controller with a mobile phone.now it's good to go.

- The easylink mode is perfect for the system construction of film and television lights.
- The most cost-effective wireless dmx kit on the market
- The most convenient wireless dmx kit on the market

**In Easylink mode, no need to do any web configuration, just adjust the indicator light of the controller to the same color.**

## Router mode
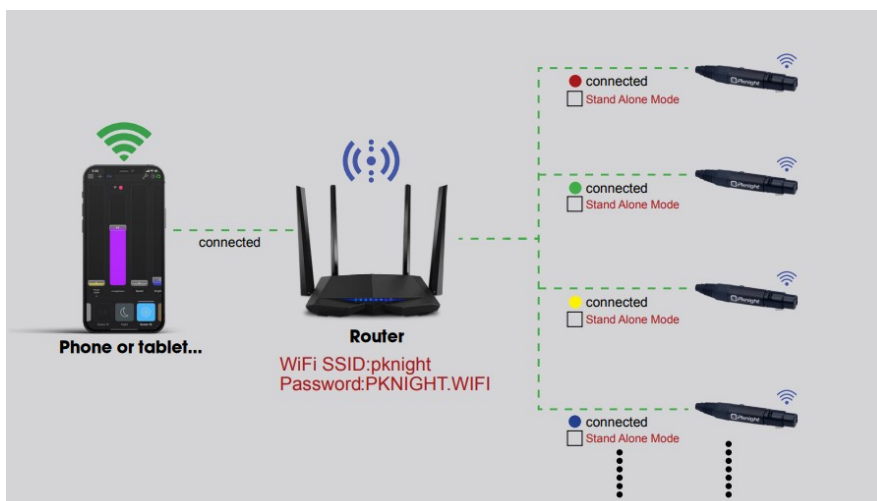
In router mode, we want to build such a local area network, our mobile phone or tablet computer and multiple controllers are connected to the 2.4G WiFi signal of the router. Buying a better router and assigning different wifi channel of controller will also optimize the stability and speed and range of the system's signal transmission.

**different wifi channel of controller refer to different color of led indicator**

**How to do?**

It's easy for our mobile phone or tablet PC. Let's follow the picture to set up the controller's network. First connect the mobile phone to the hotspot signal of the controller. Than open the mobile browser to do the operation as shown in the figure below.



1. Enter 192.168.4.1 in the browser
2. Select the "WiFi" function bar
3. Enter the WiFi information of the router
4. Uncheck the Stand Alone checkbox
5. Save Change

Follow the steps in the figure above to connect all the controllers to the router one by one,the color indicator flashes on the controller should try different.

Disconnect the power to the controller for 3 seconds, then reconnect it,At this point, if your settings are correct, the controller will automatically connect to the router's WiFi signal,If not, please check again.

Open the mobile WiFi interface, wait for the router WiFi signal to appear and connect to this signal. Now it's good to go!

**Warranty**

**A.** 1 months upon date of purchase, if there is function problem, we should offer the same item subjuect to goods

and packing maintain perfect.

**B.** 3 Years upon date of purchase, we will guarantee to keep the goods in repair. (not including fittings)

**C.** Guarantee service is subject to normally using.

**C.** Please do not rotate the antenna arbitrarily in case of damaging it. All of damage by man-made (tear open the housing, tear off the sticker, unnormally using), or losing this manual, we will not guarantee

**To optimize the performance of this product, please read these operating instructions carefully to familiarize yourself with the basic operations of this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Please keep this manual with the unit, for future reference.**

2021.6.23revised edition

## Documents / Resources



**Pknight WiFi-DMX Easynode 5 Pin and 3 Pin Plug** [pdf] User Manual
EN-3P, WiFi-DMX Easynode 5 Pin and 3 Pin Plug, WiFi-DMX Easynode, WiFi-DMX, Easynode, 5 Pin and 3 Pin Plug, 5 Pin Plug, 3 Pin Plug, Plug

## References

-  **Light Your Night – Pknight**