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LED WIFI controller

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WiFi Controller (H801WIFI)



H801WIFI

A detailed description

I. Introduction

H801WiFi via WiFi network and mobile communications Andrews, in order to achieve the phone dimming.

Available router as access points, phones and H801WiFi have access to the same router; H801WiFi would also have set up a wireless network access point, so you can wirelessly cascade, can increase the number of controls, but also to extend the control distance.

Android mobile phone software is "LED Dimmer", to control up to 200 fixtures, each fixture Rd PWM control up to be just the way, two-way, three-way or four-way.

Second, the performance characteristics

- 1, through the "LED Dimmer" easily connect and control lights, wirelessly cascade.
- 2, the output PWM signal RGBWW Rd.
- 3, the refresh rate of 500Hz.
- 4, support for 802.11 b / g / n.
- 5, transmission speed and responsive.
- 6, H801WiFi can control a number of independent and to be overall control.
- 7, supports multiple phones simultaneously control
- 8, not only the real-time control, the effect can also choose from a variety of internal control.

Third, the use

Connect your phone directly to a H801WIFI, and gain control. Give the H801WIFI power, then follow the steps below.



Step 1: Install "LED Dimmer" software and set up the desktop shortcut icon will LEDDimmer.apk copied to the phone and click it, then click the "Install", after a few seconds it will display the installation is complete, click "Finish."



Click the Desktop menu, find "LED Dimmer", press this icon will create a shortcut icon to the desktop.



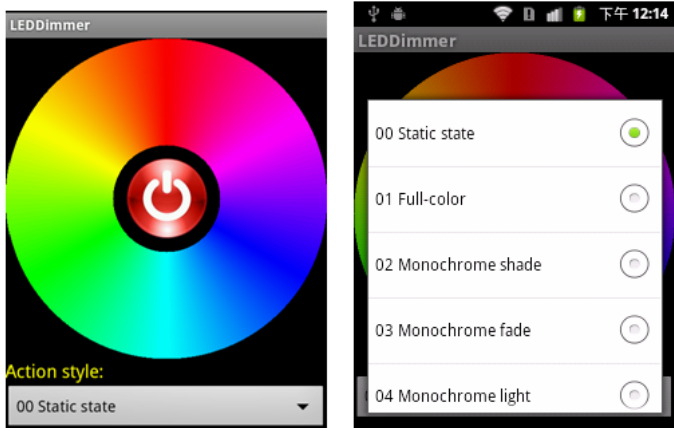
Step two: Open the phone WIFI

Click on "LED Dimmer" icon to open the dimmer software, if the phone is not open WIFI, WLAN settings interface will pop up. Note Do not use the phone a static IP, because IP settings or may not lead to communication errors. To "WLAN" and "Auto Access" tick, the phone will automatically scan at WLAN network will see to the rear at the beginning was kind enough to have a network name HCX\_ six characters. Select it to enter the password "88888888" and click the "Connect" button. Wait a moment the phone will connect successfully, the status bar at the top of the phone will add a WIFI icon. Press the Return key to exit the WLAN settings.

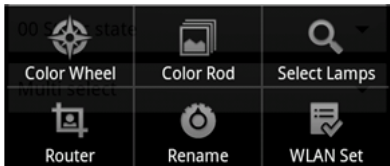


The third step: dimming operation

1. Software main interface, a finger on the color wheel slip, light fixtures to follow the corresponding color. Click on the color wheel in the middle of a button switch lights.
2. Let light colors since changed, click on the color wheel, the following effects selection box, which has the effect of multiple independent variables, only the first one is static.



3. To adjust the color white will need to use the lever. Click the hard menu, select "Color Rod", where five channels can be individually adjusted, you can also set the update rate.



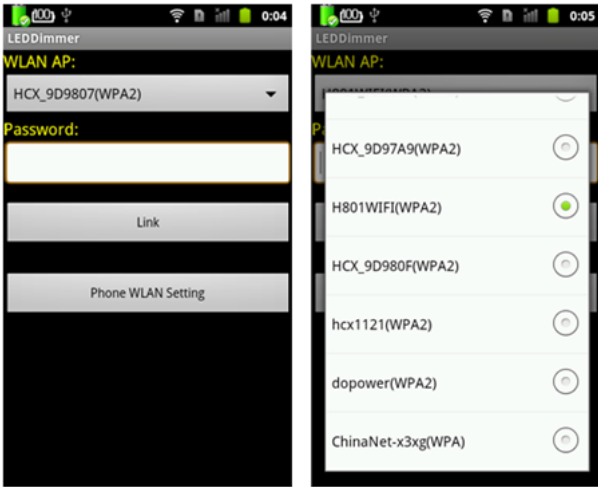
**Fourth, the connection router**



For both Internet phone, but also control lamps, the lamps must be connected to the

router. Referring first to the third part is installed "LED Dimmer" software, open the phone WIFI.

Click the menu to select hard "Router", click on "WLAN AP" selection box, choose a good router, and enter the correct password, and then click "Link" button. Then all H801WIFI can communicate properly with the phone set to connect to a router, the phone then also to connect this router, the connection is successful but the phone can control H801WIFI the Internet.



V. Restoring the factory state

1. H801WIFI default router connected to "LED168", password is "88888888", its name is back at the beginning of HCX\_ kind enough to have six characters, the password is "88888888." If you want to restore after modify the default name. Click the hard menu to select "Rename", renamed into the interface, click on the menu to select hard "Default".



2. If the phone can not connect to the H801WIFI, H801WIFI passwords are forgotten. Please PCB in the middle of a short circuit to GND TX and on again, POWER LED is off, must be disconnected within five seconds after TX, SIGNAL indicator also goes off, then the password has been restored factory state.

Six Specifications

|      |                    |
|------|--------------------|
| 输入电压 | DC12V--24V         |
| 功耗   | 0.5W               |
| 外形尺寸 | 93mm X 46mm X 20mm |
| 输出   | 5 路 PWM, 每路 4A 电流  |

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