

# QuattroPod

## Quick Start Guide

快速啟用手冊

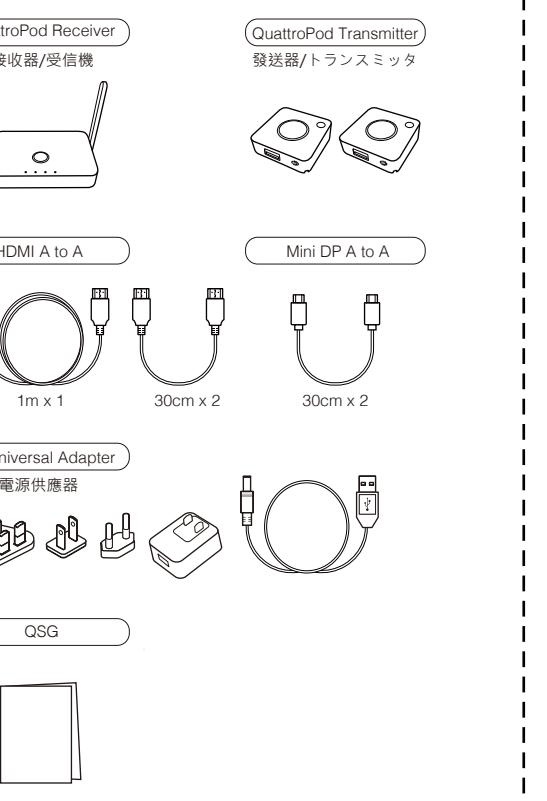
クイックスタートガイド

V1.0

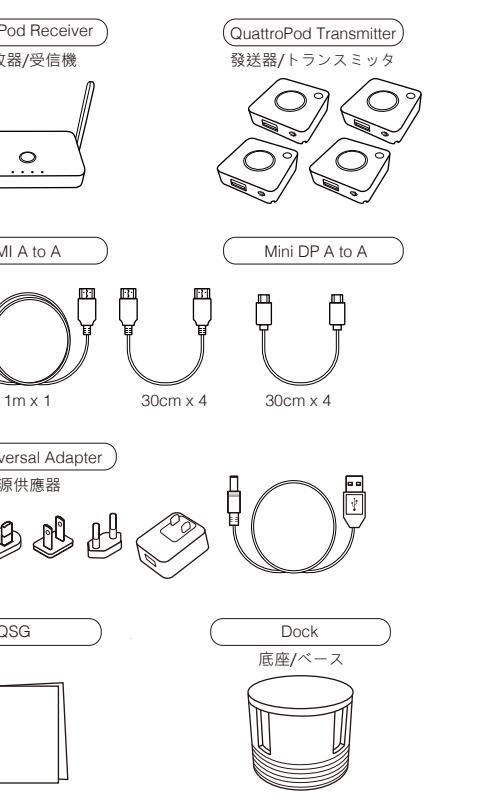
## What's in the box?

包装內容/パッケージ内容

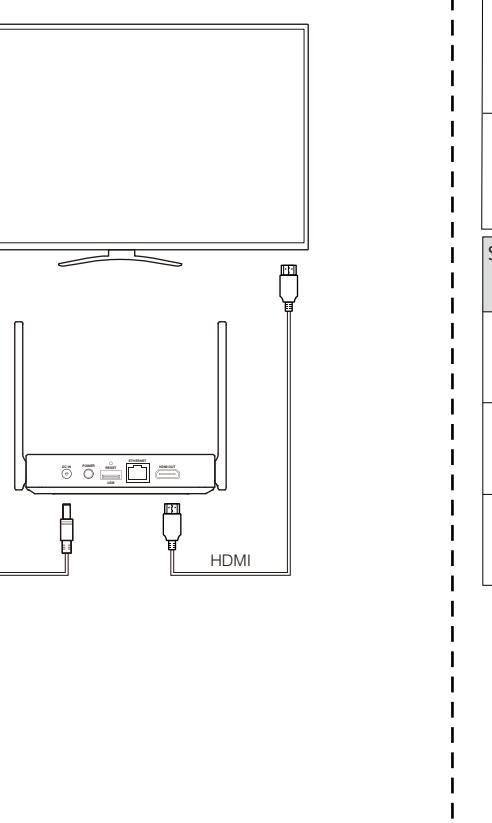
### Standard Package/標準包装/標準パッケージング



### Deluxe Package/豪華套装/高級スース



### QuattroPod Receiver/接收器/受信機



## Transmitter Operation 發送器操作 トランスマッタの動作

Transmitter/發送器/トランスマッタ

| Main button(Mirror button)<br>主按鍵(投影按鍵)<br>emainボタン(投影ボタン) | Host<br>主持人<br>ホスト                         | Guest<br>訪客<br>訪問者  |
|--|--|---|
| Single click<br>單按<br>シングルクリック                             | Mirror/Disconnect<br>投影/斷開<br>プロジェクション切断する | Send mirror request<br>發送投影要求<br>キャスト要求を送信する                    |
| Hold for 3 seconds<br>長按3秒<br>長押し3秒                        | Full screen mirror<br>全螢幕投影<br>全画面投影       | Send full screen mirror request<br>發送全螢幕投影要求<br>全画面投影リクエストを送信する |

| Side button(Control button)<br>側按鍵(控制按鍵)<br>サイドボタン(コントロールボタン) | Host<br>主持人<br>ホスト                                 | Guest<br>訪客<br>訪問者 |
|---|--|--------------------|
| Single click<br>單按<br>シングルクリック                                | Allow guest to mirror<br>允許訪客投影<br>訪問者にプロジェクトを許可する | —                  |
| Double click<br>雙按<br>ダブルクリック                                 | Deny request<br>拒絕訪客投影<br>要求を拒否する                  | —                  |
| Hold for 3 seconds<br>長按3秒<br>長押し3秒                           | Quit all display<br>退出全部投影<br>すべての表示を終了する          | —                  |

Receiver/接收器/受信機

Download pairing file to USB disk  
下載配對檔到USB磁碟  
ペアリングファイルをUSBディスクにダウンロードする

Main button  
主按鍵  
メインボタン

Single click  
單按  
シングルクリック

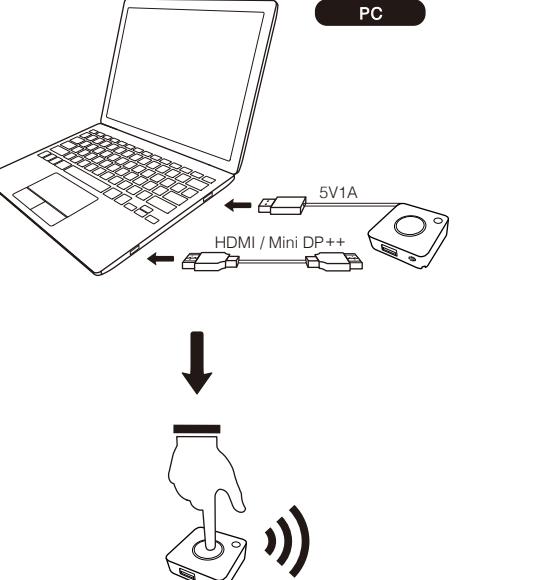
## LED Status list

Transmitter/發送器/トランスマッタ

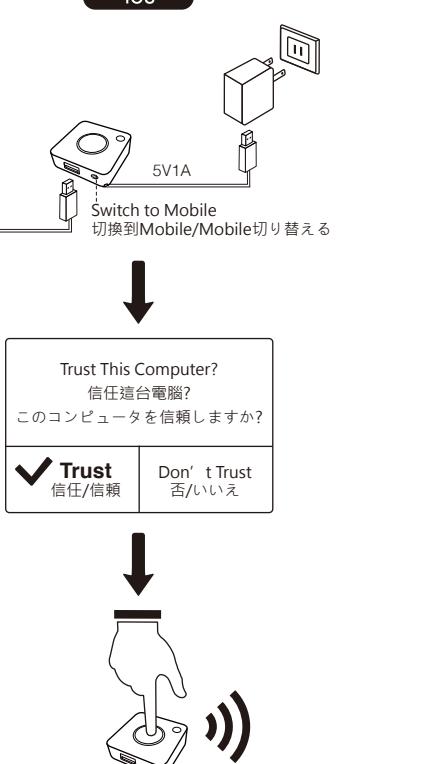
- Enable Guest w/o source input.  
ソース入力なしでゲストを有効にする。  
訪客角色但未有投影源接上。
- Enable Host w/o source input.  
ソースなしでホストを有効にする。  
主持人角色但未有投影源接上。
- Host received request of cast.  
ホストはキャストのリクエストを受け取りました。  
主持人收到他方投影要求。
- Enable Host and casting.  
ホストとキャストを有効にします。  
主持人角色並投影。
- Guest standby w/o casting.  
キャストなしのゲストスタンバイ。  
訪客待機中無投影。
- 1. Under connection. 接続中。連接中。  
2. Pairing/Transmitter OTA download and installation.  
ペアリング・トランスマッタOTAをダウンロードして  
インストールする  
配對中/下載新韌體。
- 3. Fail to connection(blinking for 1minutes or more).  
接続に失敗しました (1分以上点滅)  
接連失敗 (當閃燈超過一分鐘)
- Pairing done.  
ペアリングが完了しました。  
配對完成。
- Transmitter OTA Completed.  
トランスマッタOTA完了。  
發送器韌體更新完成。
- Transmitter OTA Fail.  
トランスマッタOTA失敗。  
發送器韌體更新失敗。



### QuattroPod Transmitter/發送器/トランスマッタ



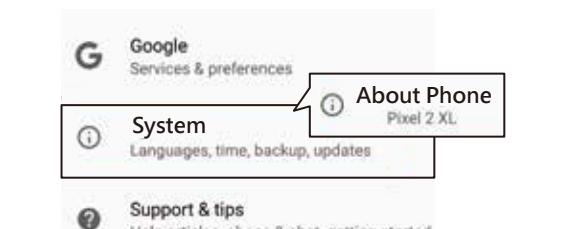
### iOS



#### Android

△ Please enable USB Debugging before using.

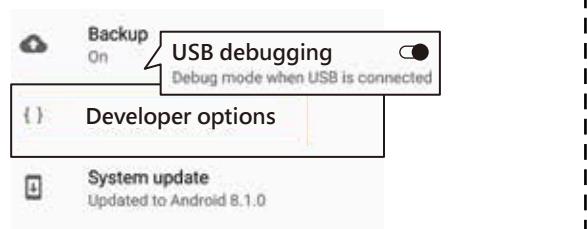
1. Go to Setting→System→About Phone



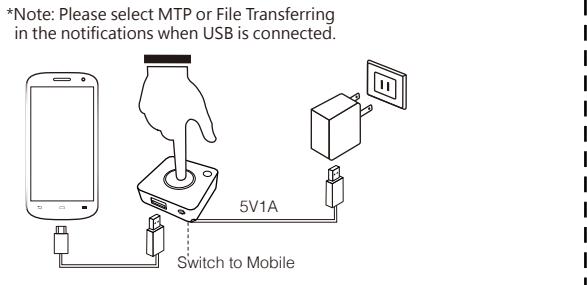
2. Click Build Number for 7 times to enable Developer Option



3. Go to Developer option→USB Debugging→On



4. Plug to QuattroPod Transmitter and Allow USB debug



#### △ 安卓使用者連接前請先啟用USB偵錯

1. 請到設定→系統→關於手機



2. 在版本號輕點七下可啟用開發人員選項

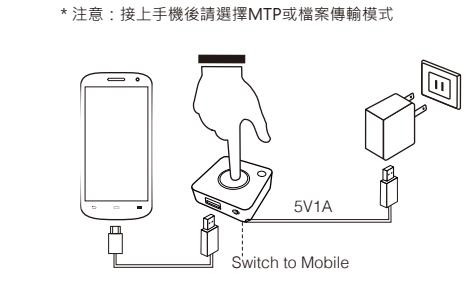


#### △ USBデバッグを有効にしてから使用してください。

1. 設定→システム→端末情報



4. 將手機透過USB連接到QuattroPod 發送端並同意USB偵錯



#### △ USBデバッガを有効にしてから使用してください。

3. 開發者向けオプション→USBデバッガ→オンにする



4. QuattroPod トランスマッタに接続し、USBデバッガを許可する



# *QuattroPod*



Quick Start Guide  
Rev. 1.055

## Introduction

Firstly, thanks for choosing QuattroPod as wireless presentation facility. It integrates powerful dual core SoC and advanced 802.11ac 5G Wi-Fi to provide you a smooth wireless display experience, and it supports almost all devices. Our features not only support "Split Screens Display", "Host Control System" but also let cross platform devices throw the contents in APP-independence. It provides a more friendly and efficient environment for BYOD (Bring Your Own Devices) with wireless projection in legacy/ existing projectors or monitors you have! Enjoy them and help you to achieve more collaboration!

## What's in the box?

When you open the box, it contains

- QuattroPod Receiver (hereinafter called Rx) with external antennas, x1
- QuattroPod Transmitter (hereinafter called Tx) with USB cable, x2
- 5V Universal Adapter, x1
- HDMI Cable for Rx, L 100cm, x1
- HDMI Cable for Tx, L 30cm, x1
- DP Cable for Tx, L 30cm, x1
- Quick Start Guide, x1

## System Requirement:

-PC: Any PC or laptops with HDMI output or mini DP (DP2.0) output

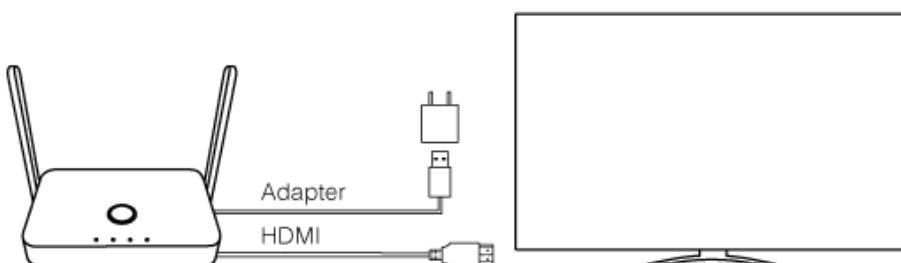
-Tablet/Smart Phone: iOS 10 above and Android 5.0 above

**\*Important: Android device must turn ADB mode in advance**

## Installation:

### QuattroPod RX:

1. Connect Power with the adaptor
2. Connect HDMI with HDMI port with the projectors or displays.

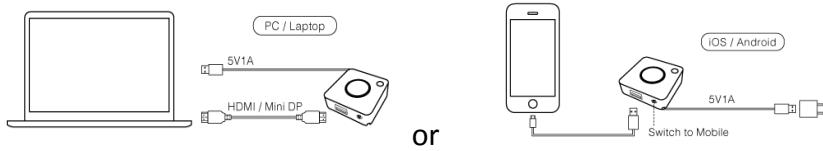


**\*Notice: Rx is compatible with VESA mounting screw holes. Please use the 5x5 bracket and M4 screws.**

### QuattroPod TX:

1. There are 2 ways to supply power to TX.

-Through USB 5V(required 1A at least, through adaptors or USB ports of laptops)



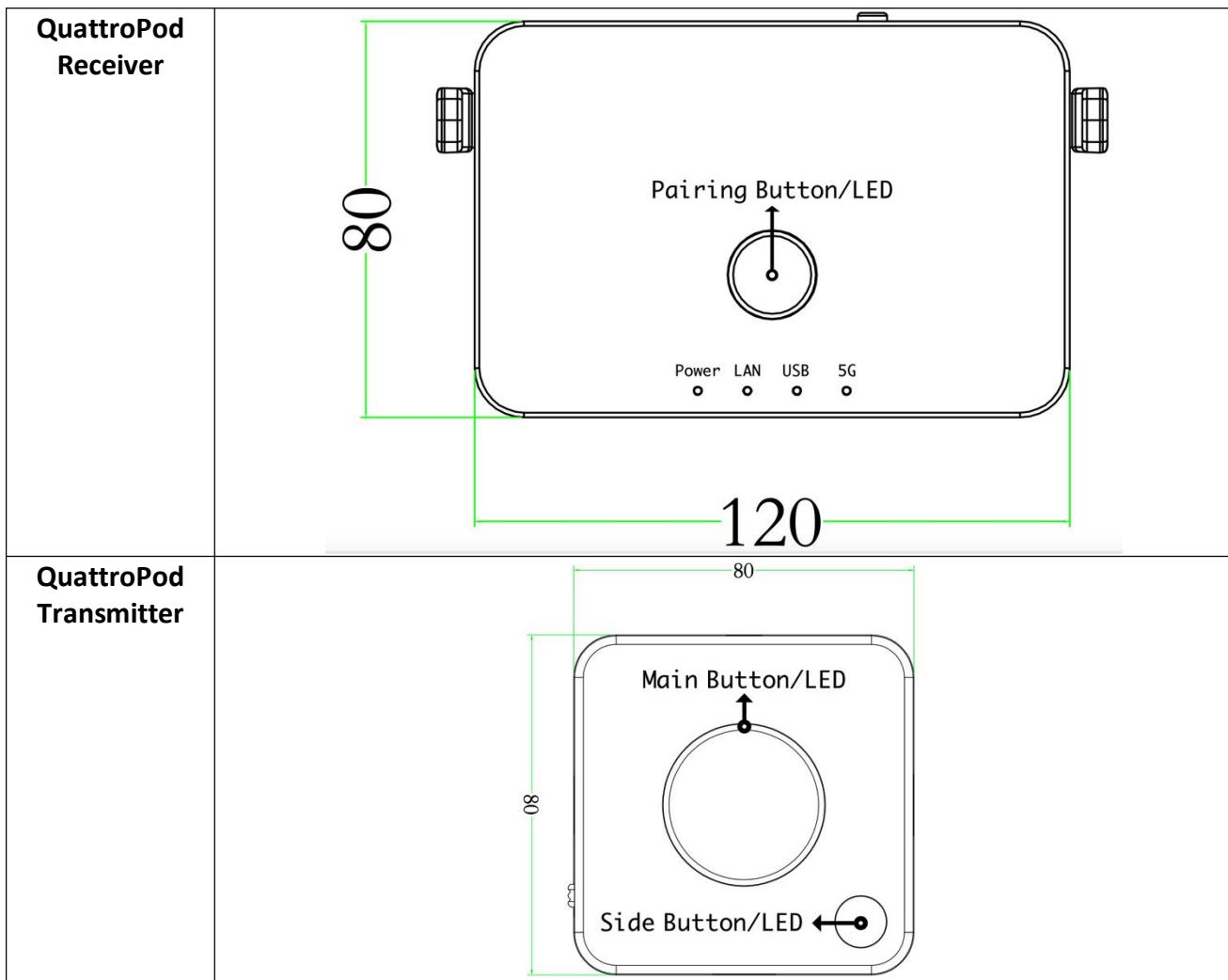
-Through POE (Power over Ethernet): Ethernet switch or router needs to support standard POE (Power over Ethernet) function and keep it active.

2. To connect TX with Laptops, to connect HDMI or DP2 ports with proper cables. To connect TX with Smart phones, to connect USB port with proper cable with phone's connectors such as micro USB, Lighting or USB type C.

## I/O Descriptions:

|                               |                                     |
|-------------------------------|-------------------------------------|
| <b>QuattroPod Receiver</b>    | <p>QuattroPod Receiver I/O Fig.</p> |
| <b>QuattroPod Transmitter</b> |                                     |

## LED Indication:



## Pairing:

To pair Quattro TX with RX for first time use may be needed. It's suggested if you are not sure QuattroPod TX has ever paired with the Quattro RX you want to cast.

1. Adjust the switch of the side to right  Plug Quattro TX's USB cable onto Quattro RX's USB port in the rear.
2. The Main LED and Side LED will start blinking while pairing, after pairing is done, the Rx's main LED will turn to White and Tx LED will stop blinking.
3. LED indicator's sequence will be



*Notice: when you see main button & side button remain blinking for while it has 3 possibilities, Upgrading, Pairing, or Error (Disconnecting).*

## Finger Tips

Before understanding the status of our Quattro, let us introduce the definition of the LED Lights.

There are 2 LED indicators on Quattro RX upside surface. One is in central named Main Button. The smaller button named Side Button.

Main Button indicated the projection status. There are 4 models and meanings are-

- No Light - no Source for projecting
- White Light on - in projecting
- Red Light on - no projecting
- Red Light Blink - ask for projecting or yet connecting to Quattro RX(\*)

Side Button indicated the role status, Host or Guest. There are 3 models and meanings are-

- Green Light on - role of Host
- Red Light on - role of Guest
- Red Light Blink - yet connecting to Quattro RX(\*)

**\* If both Main Button & Side Button are blinking in red simultaneously, which means waiting for connecting to Quattro TX. If it lasts too long, please remove power plug and re-plug again.**

1. Make sure Quattro RX has been turned on and Quattro TX has been paired and well powered.
2. Connect device either Laptop or mobile phones\*\* with powered Quattro TX. The device that is regarded as "Host" should complete connecting to Quattro TX to Quattro RX. The



Quattro TX light will be turn to and click once, turn to and Host's content will show on screen.



**\*\* When connect to smart phones, make sure the USB side switch adjust to left.**

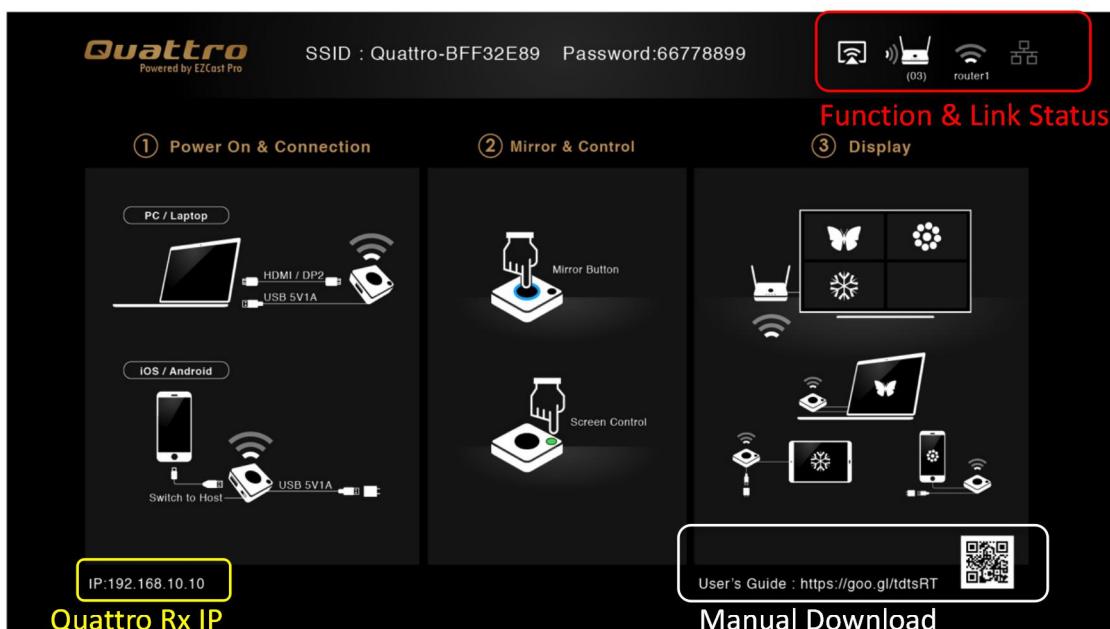
### TX OTA (Over The Air) Functions-

The TX's Firmware can be updated through connecting to Internet. We provide several ways to activate the OTA procedure,

## LED Status list

|  |   |  |  |
|--|---|--|--|
|  | Activate Host without source input                  |  | Activate Guest without source input  |
|  | Activate Host & in projecting                       |  | Host received request of projection  |
|  | Guest standby without projecting                    |  | Host standby without projecting  |
|  | Guest send request of projection and wait for allow |  | <ul style="list-style-type: none"> <li>1. Under connection</li> <li>2. Pairing/TX OTA</li> <li>3. Fail to connection (blinking over 1minutes)</li> </ul> |
|  | Activate Guest & in projecting                      |  | Pairing done   |
|  | TX OTA Complete                                     |  | TX OTA Fail  |

When Quattro RX is successfully turned on, below screen will be shown on display-



## Function & Link Status-

\* Outbound link can select only one of Wi-Fi and RJ45 wire line (LAN).

|   |   |
|---|---|
|    | Airplay activated after web setting. (Default is off)                                   |
|    | Quattro RX has been powered on, however, there is neither Quattro TX nor device linked. |
|    | Shift in 3, which means “under pairing” or “building the connection”.                   |
|    | Complete pairing or connection, the number showed total Quattro TX or Device linked.    |
|    | RJ45 wire line disconnected.  |
|    | Shift in 3, which means “building the connection”.                                      |
|   | RJ45 wire line connected and IP acquired  |
|  | IP conflict or other network error.   |
|  | Outbound Wi-Fi disconnected.  |
|  | Shift in 3, outbound Wi-Fi is connecting.   |
|  | Outbound Wi-Fi connected with the router name shown underline.                          |
|  | Wi-Fi connection Fail, Invalid password or other Errors                                 |

## Web Setting

**Quattro RX IP-** when Devices (either laptops or mobile phones) connect with Quattro RX with SSID & Password directly, applying the IP in web browser can enter Admin setting page for more advance setting.

### 1. Preparation-

To access the setting page, you have to choose either way to connect the devices.

1.1 Direct link- you can apply notebook or mobile phone to search Quattro RX by wifi and key in relative SSID and Password. Turn on web browser and enter “192.168.168.1” in the address bar.

1.2 Through Wifi AP or Routers- if your Quattro RX has been connected to a certain networking device, you can apply notebook or mobile phone to connect the same device. Turn on web browser and enter the address show in mainpage in the Quattro Rx IP shown below.



Once done, the page will show as below-



The first connecting user is designated as the Host and the others as the Guests.  
Login for administration and more advanced settings.



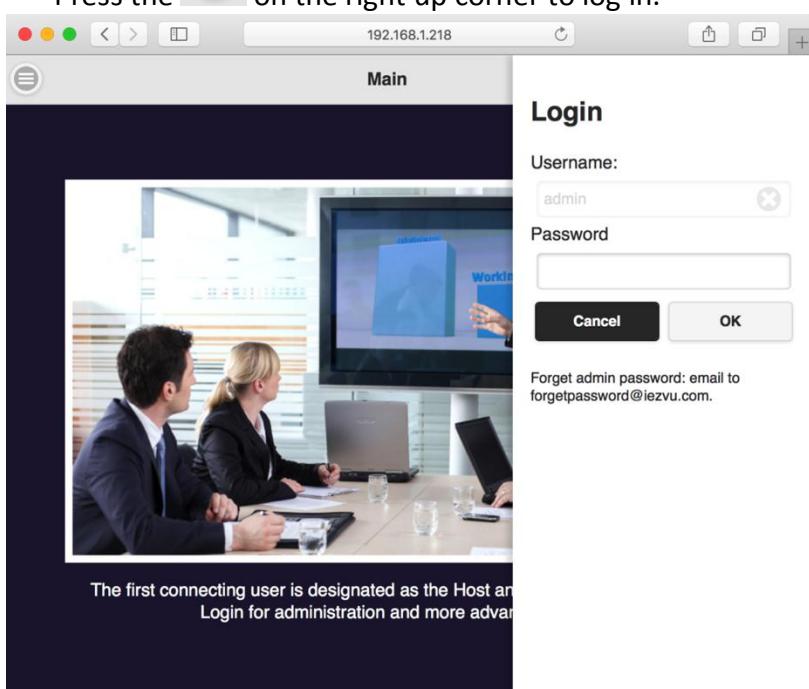
- to indicate menu icon.



- to indicate log-in icon.

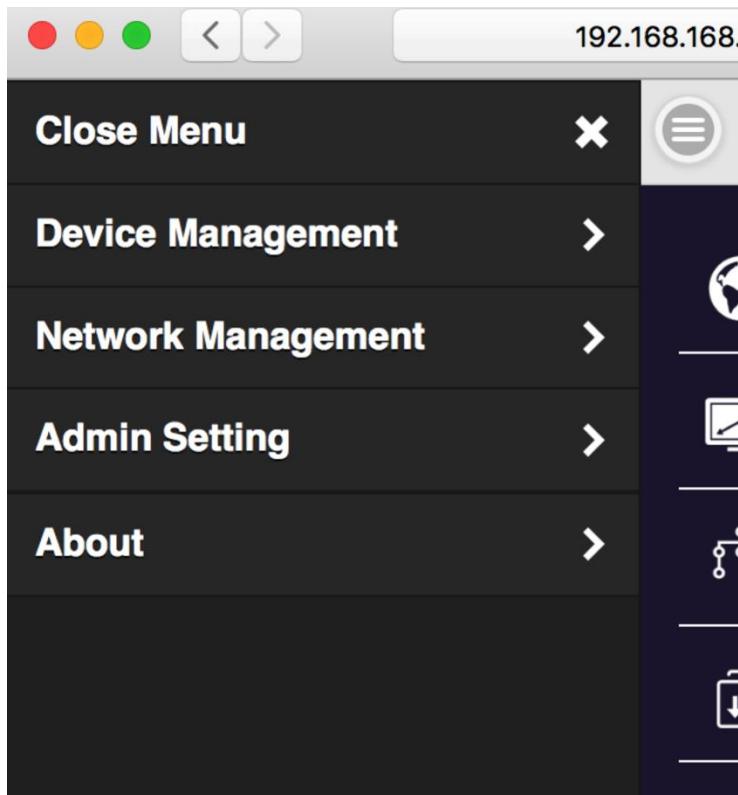
## 2. Log in-

Press the on the right up corner to log in.



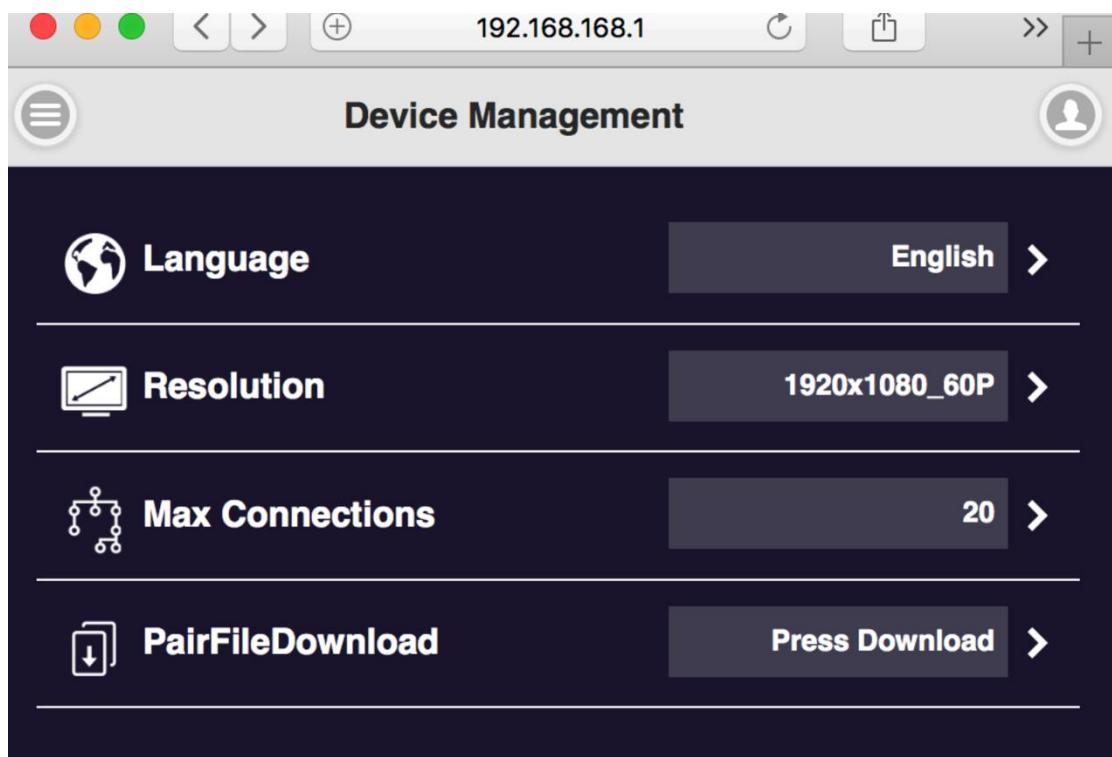
3. Start to set up

3.1 Click the menu button on the left up corner and there are drawer show 3 setting functions. They are **Device Management**, **Network Management**, and **Admin Setting**, and **About** which indicates device version, IP addresses and wifi frequency..etc.

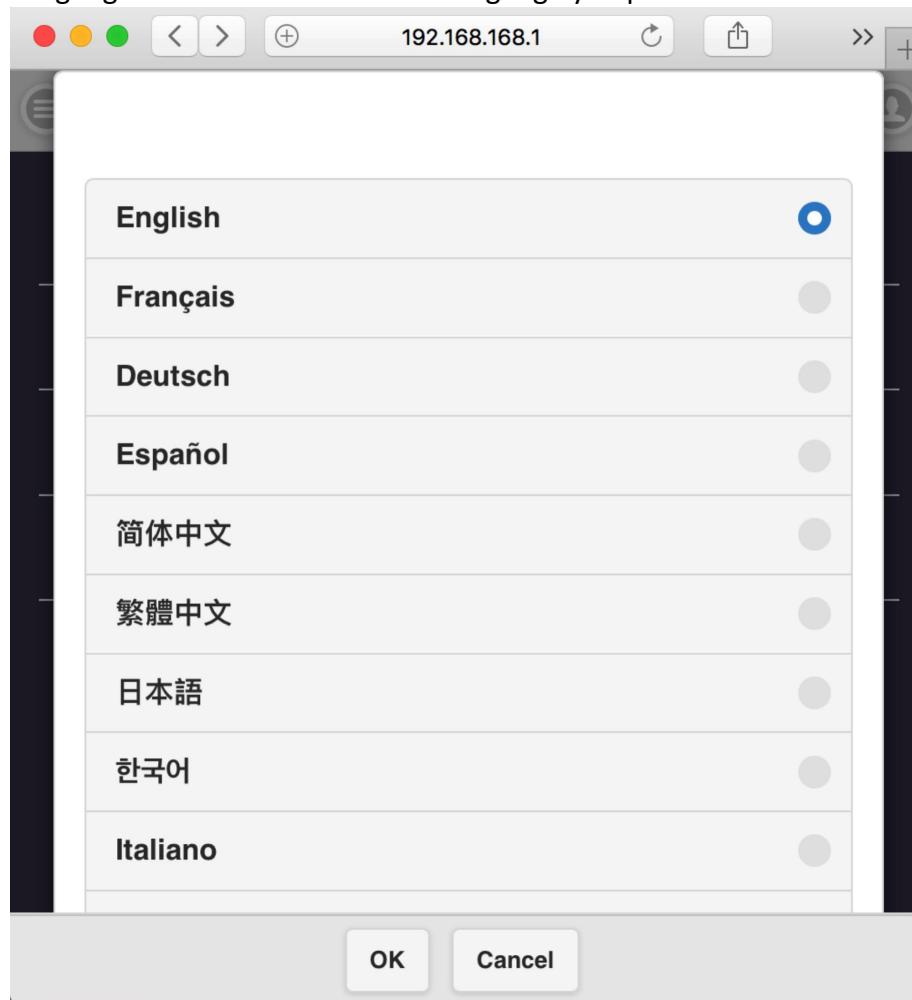


4. Device Management-

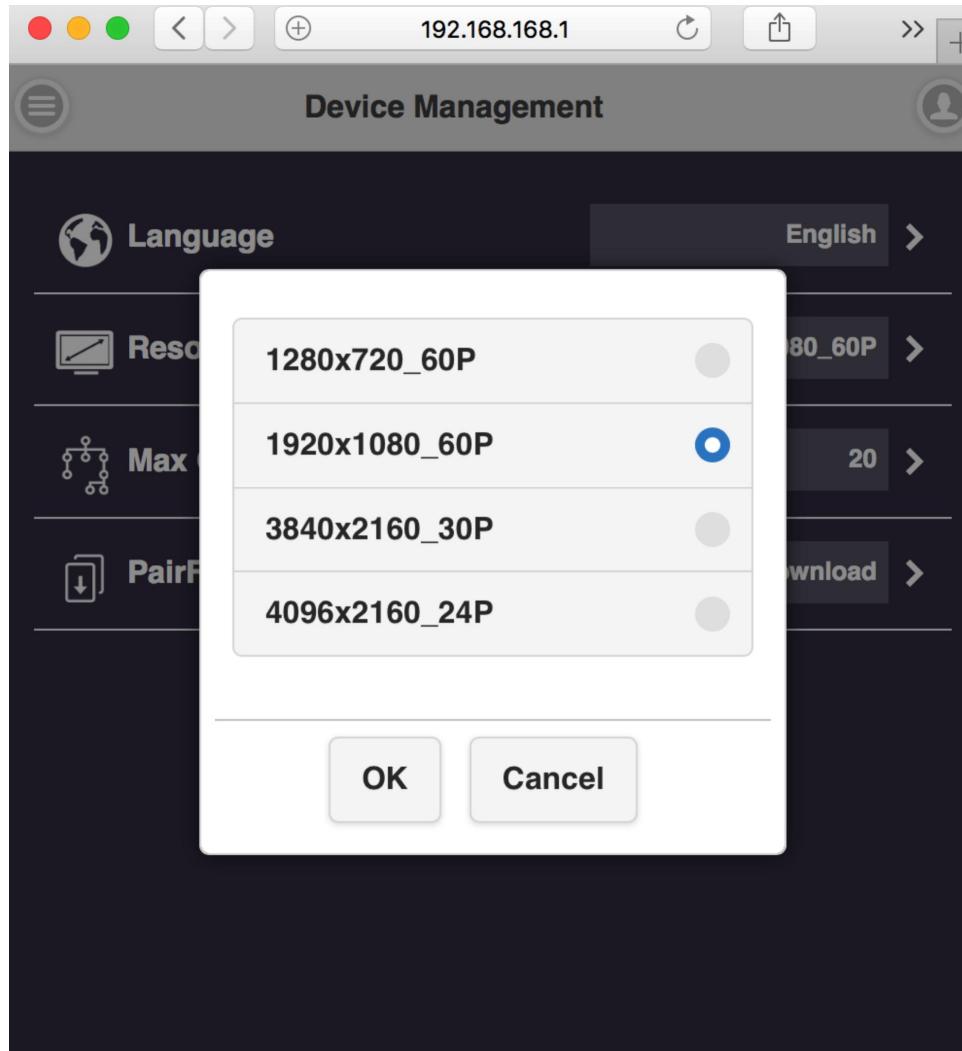
This section helps to manage user interface language, output resolutions, Max connection and QuattroPod Receiver & Transmitter pairing file download.



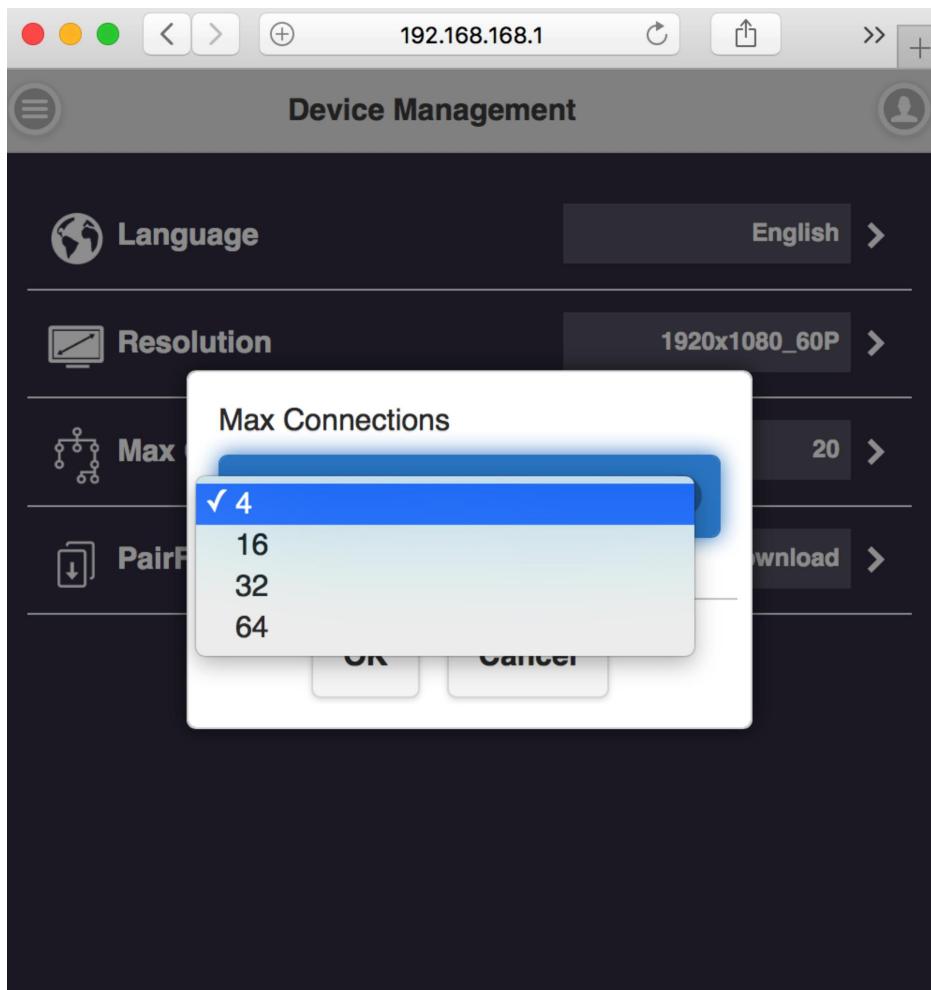
4.1 Language- click it and choose the language you prefer to show in the webpage.



#### 4.2 Resolution-

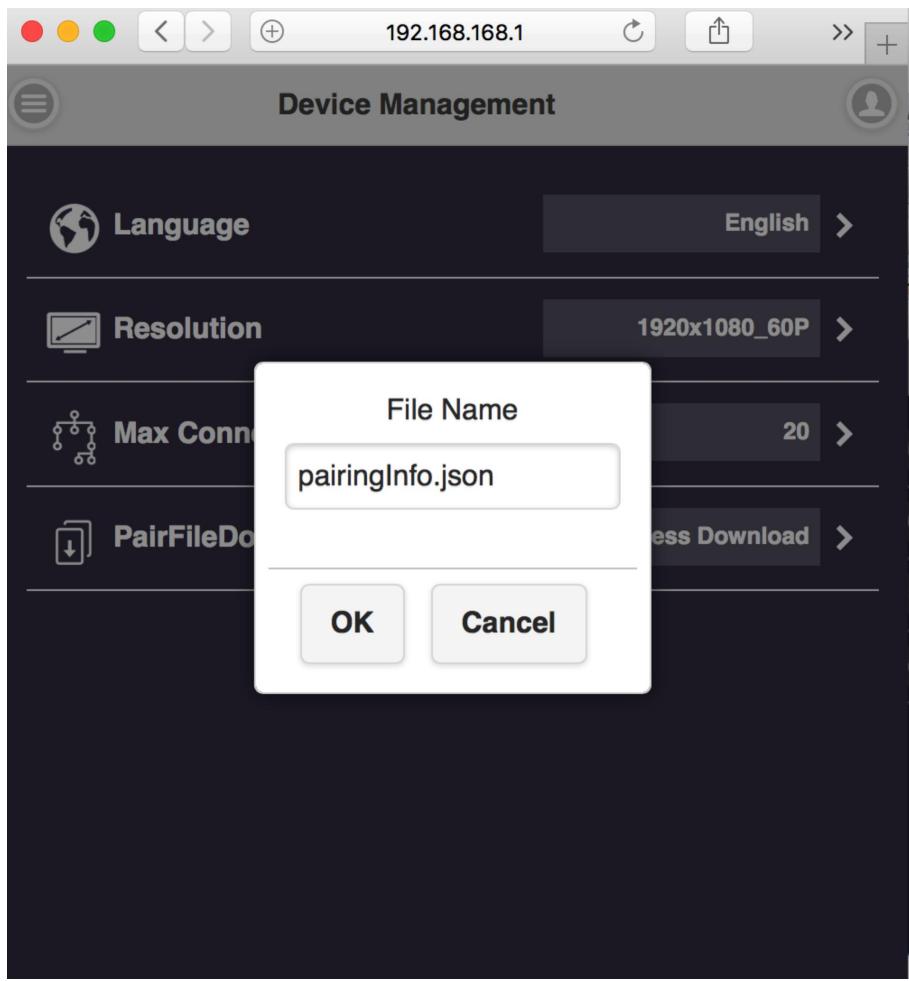


4.3 Max Connection- to set the maximum users of the Receiver. Default is 20 users.

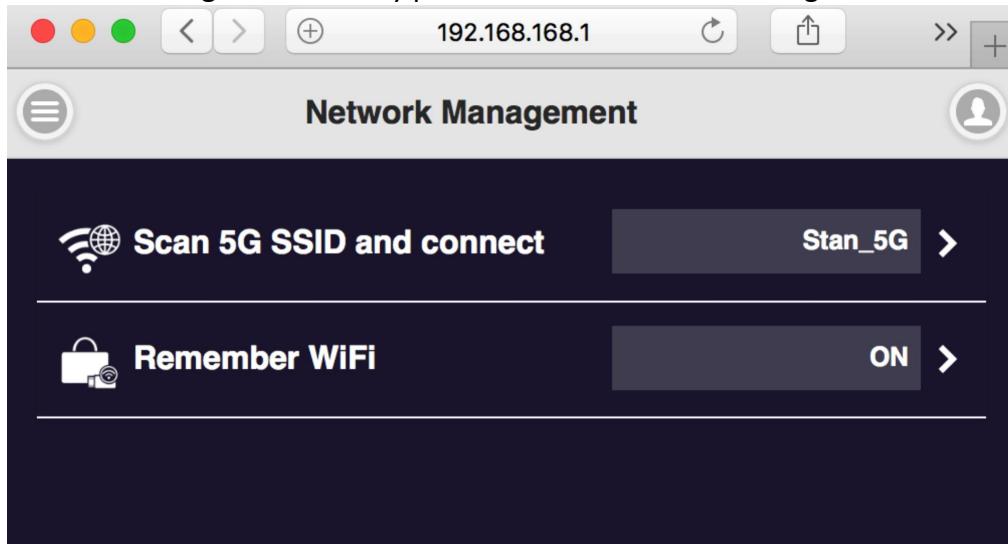


4.4 Pair File Download- down load the pairing file from here and copy to USB drive. Plug in Transmitter for pairing\* when the Receiver has been installed on the ceiling or wherever difficult to plug directly.

*The switch of USB on Transmitter shall be adjusted to “mobile”.*



5. Network Management- mainly provide outbound Wi-Fi setting.

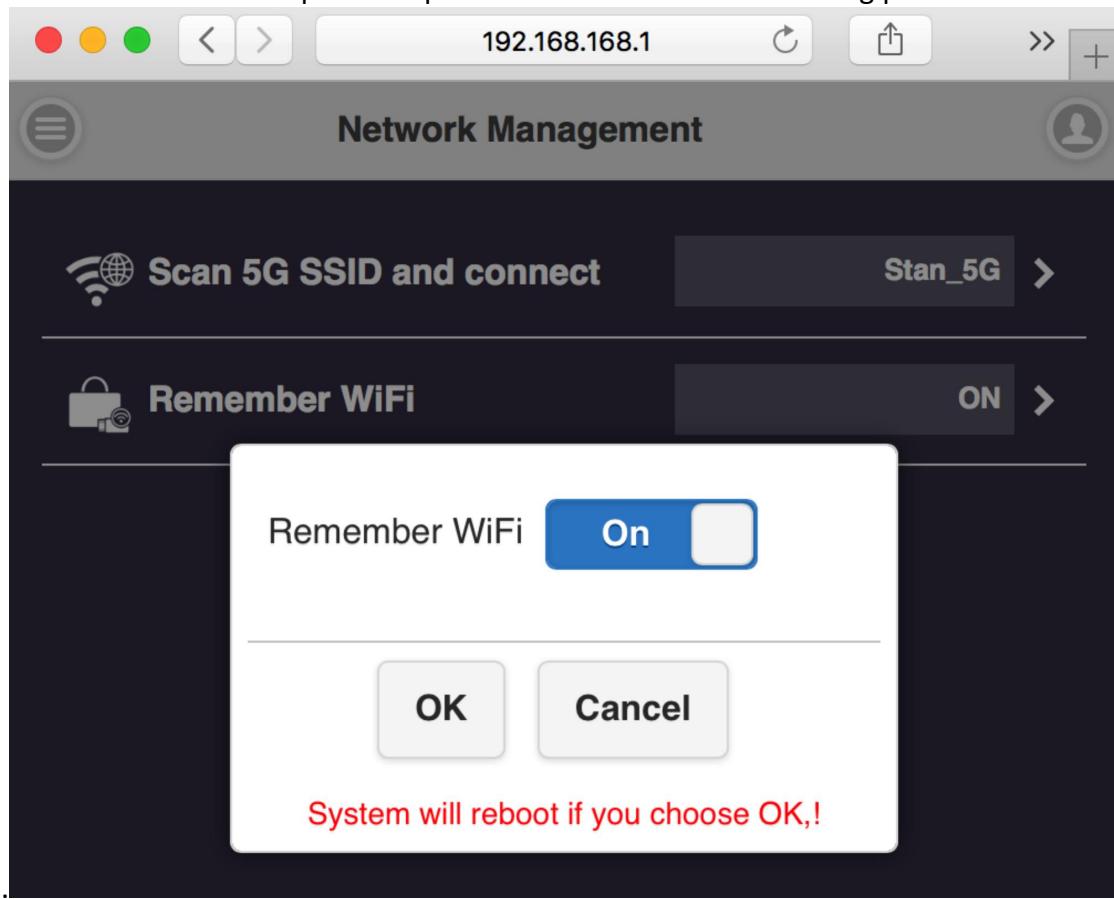


5.1 Scan 5G SSID and Connect- this function can help you to scan available Wi-Fi AP and join.

The screenshot shows the "Internet" section of the interface. It includes a "Add Network" button with a plus sign icon and a note "For 5G router only". Below this, a list of available Wi-Fi networks is displayed:

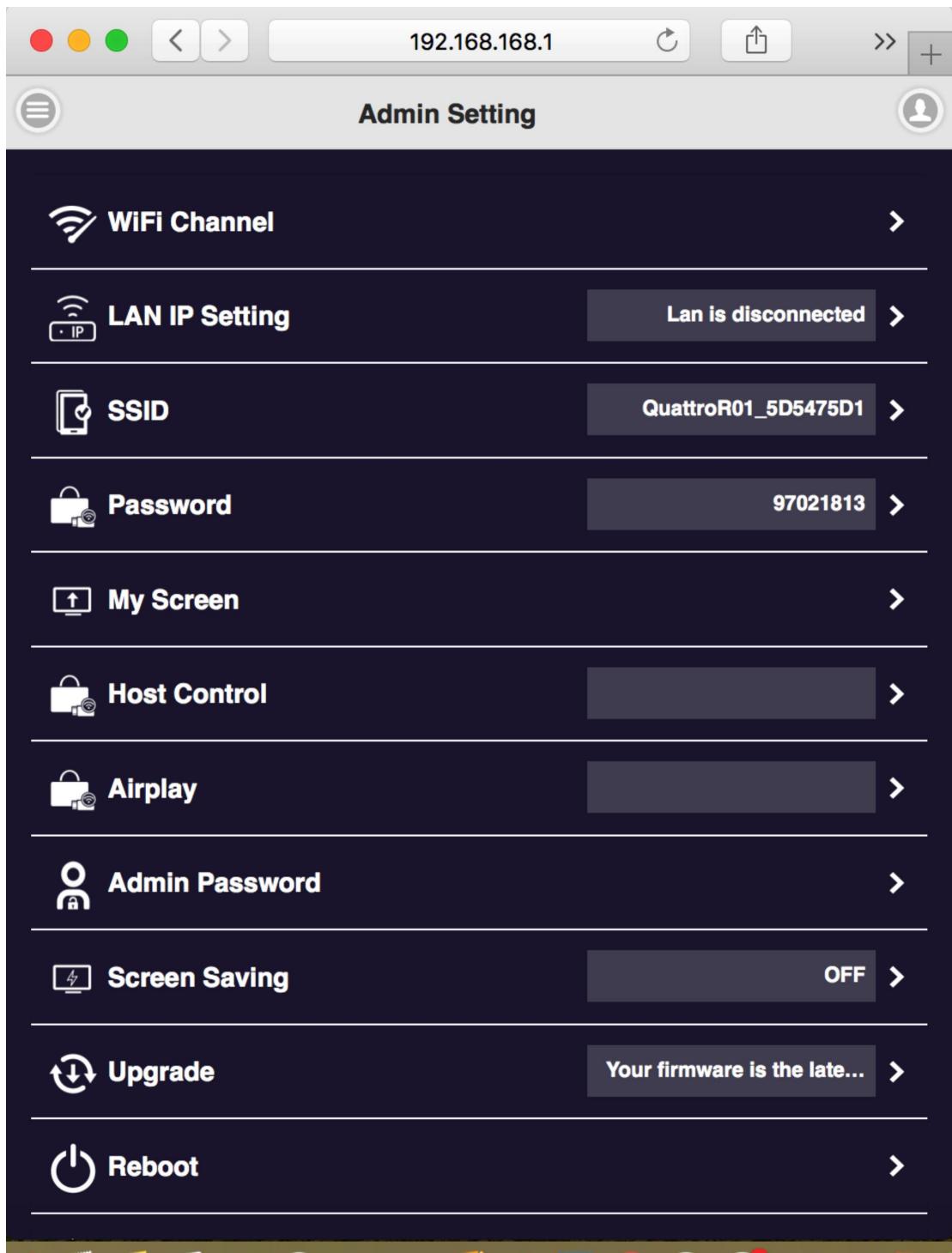
| Network Name        | Signal Strength (RSSI) |
|---------------------|------------------------|
| Stan_5G             | Strong (blue)          |
| elien5G             | Medium (blue)          |
| QATEST5             | Medium (blue)          |
| Home WiFi 5G        | Medium (blue)          |
| 5G_tyw_RTAC55       | Medium (blue)          |
| QuattroR01_5D5475FD | Medium (blue)          |

5.2 Remember Wi-Fi- it to provide options to remember the AP setting parameter or



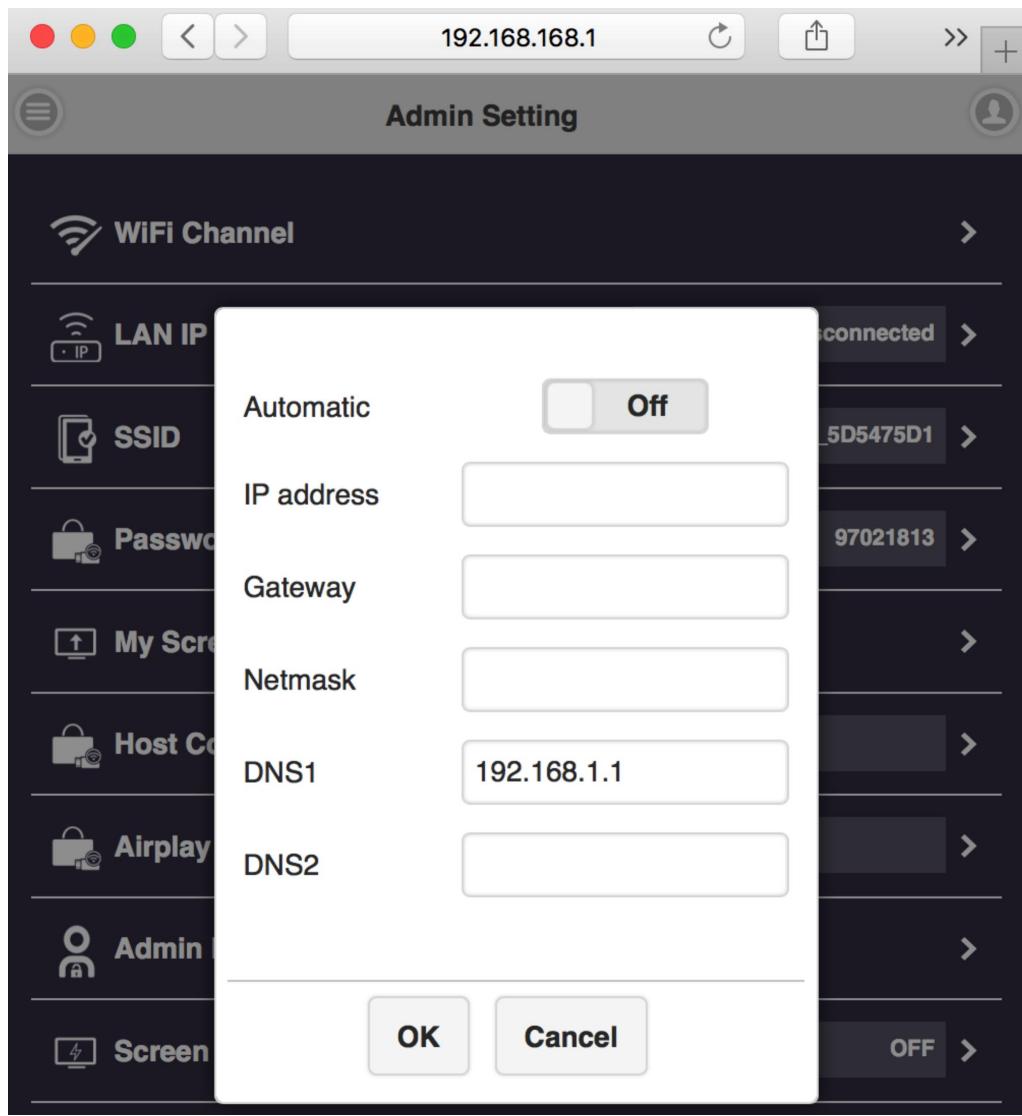
not.

## 6. Admin Setting-

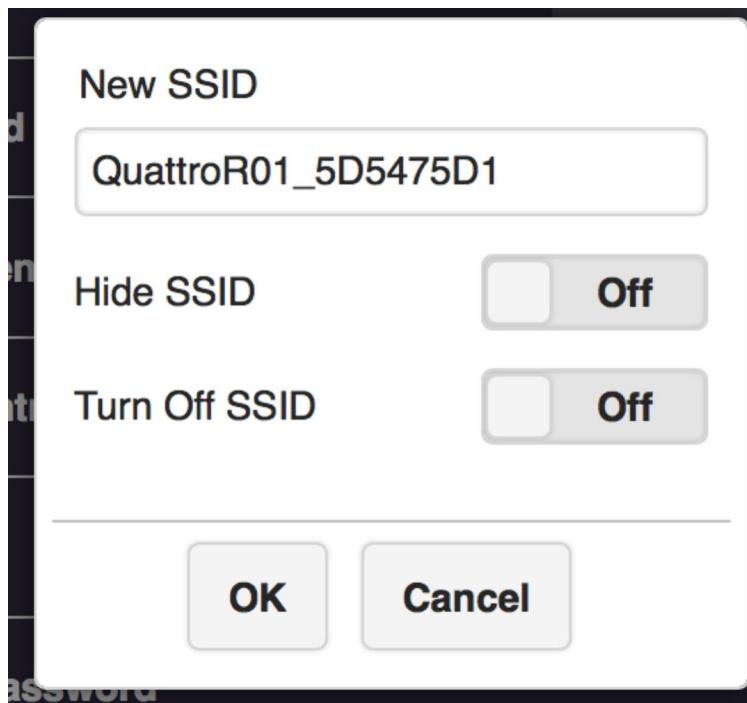


6.1 Wi-Fi Channel- to select the channel between QuattroPod Receiver & Transmitter to adjust the performance.

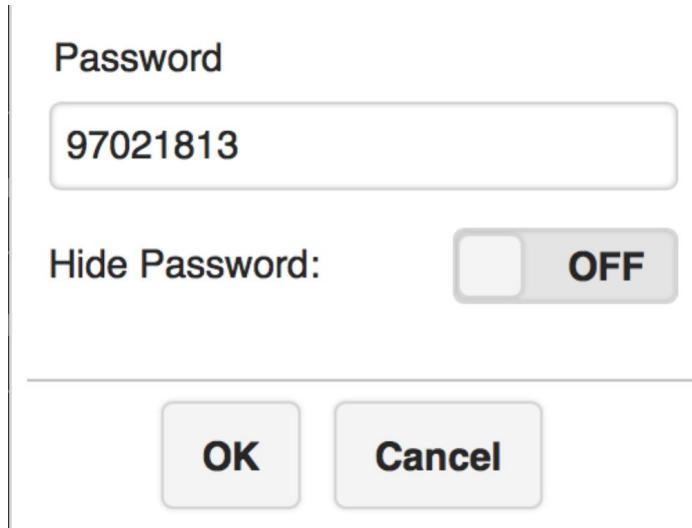
6.2 LAN IP Setting- to configure the wire line connection through LAN cable. \*we can support only one connection, either LAN or Wi-Fi at one time.



6.3 SSID- to set the SSID indication of the Receiver on the main screen.



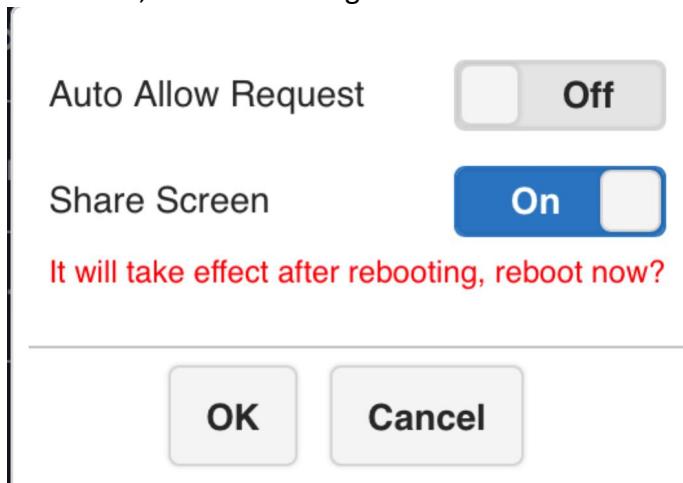
6.4 users can change password of the Receiver, or hide the password to avoid connections without authorization.



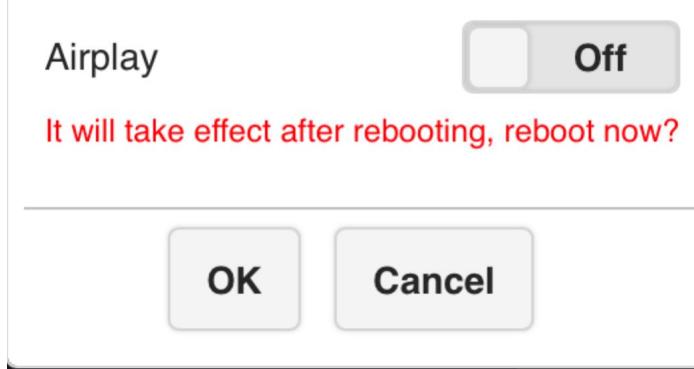
6.5 My Screen- Users can replace the theme of the main page of Receiver by uploading graphic or photos.



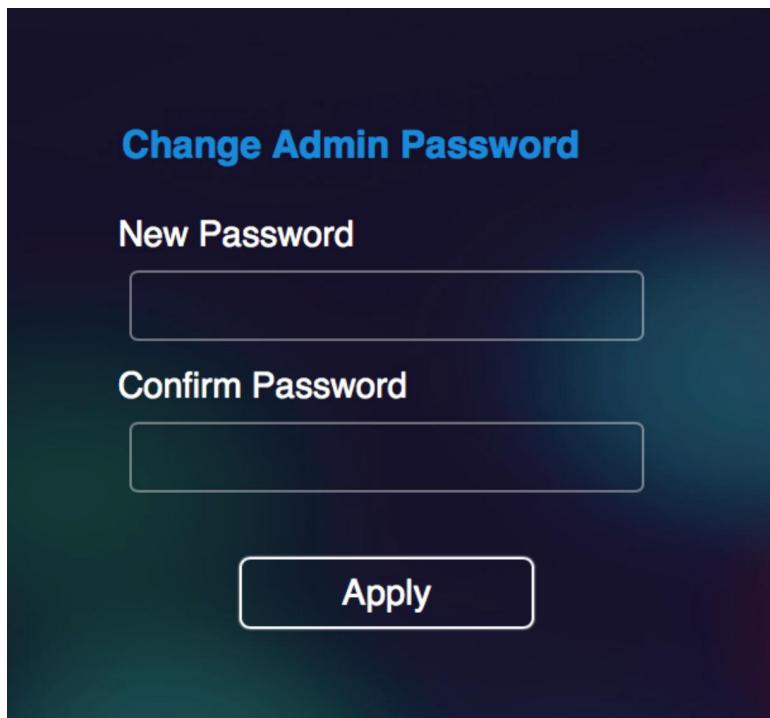
6.6 Host Control- it can be selected the mode of cast request. Auto Allow means the new request will be cast on screen directly. Share screen will present in screen split when it was on. If set it off, the new casting will be full screen mode.



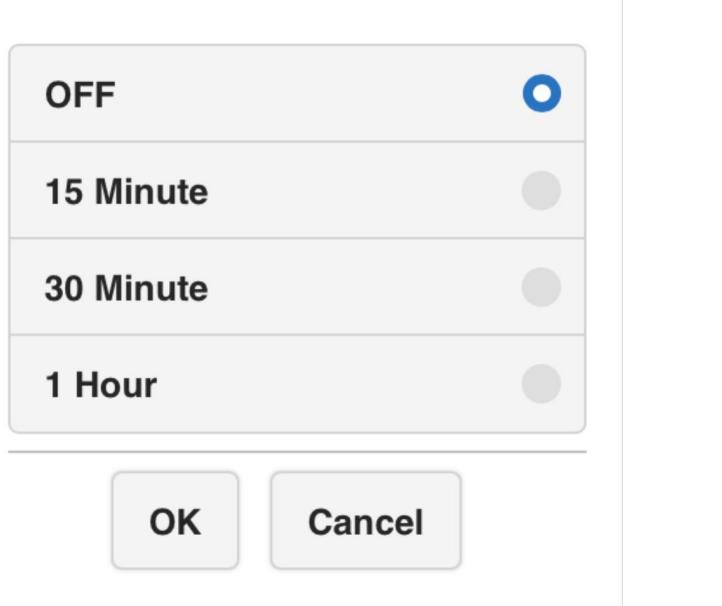
6.7 Airplay- to turn on/off the iOS /Mac devices can cast without QuattroPod Transmitters.



6.8 Change Admin Password- to change the web setting's log in password.



6.9 Screen Saving- to configure the screen off when the input is idle for certain time.



6.10 upgrade firmware- to remind users if there is new firmware released and execute the upgrade (\* but the Receiver must connect to internet)

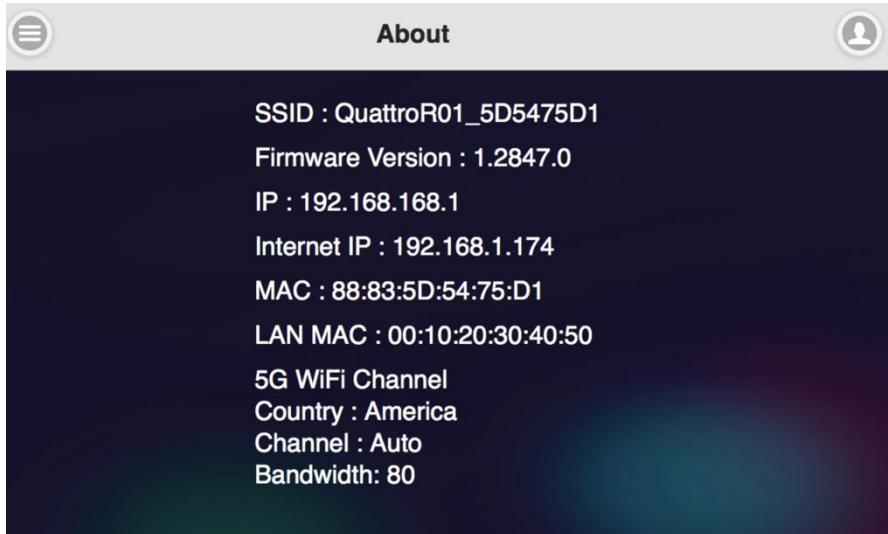


Select All

QuattroR01\_5D5475D1  
Local Version: 1.2847.0  
Server version: 1.2847.0

6.11 Reboot- to reboot the equipment.

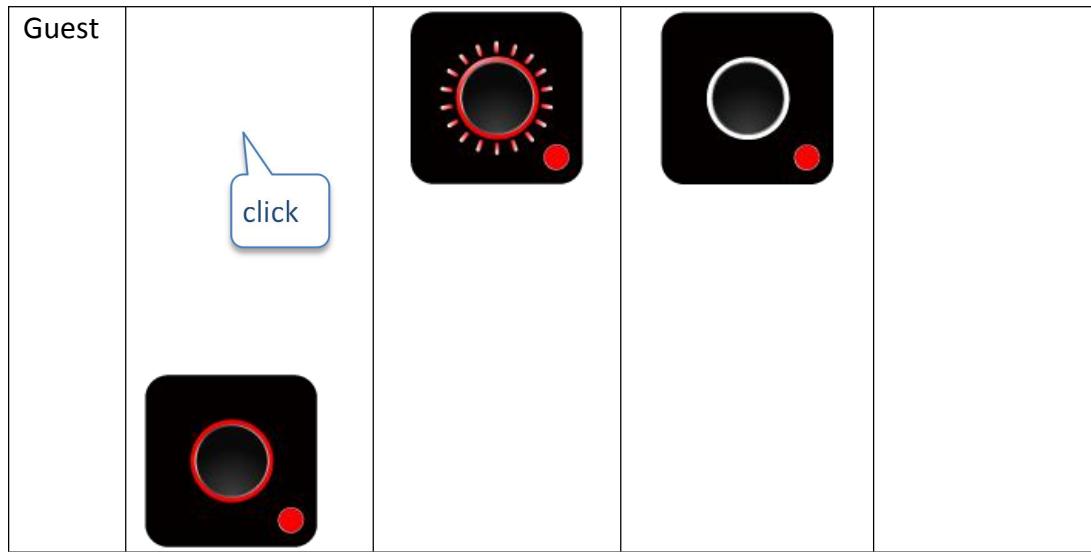
7. About- showing the information of the Receiver.



## Frequent Applications & Operation

1. Host has projected on screen, and guest required sharing the screen. Host allows.

|      | Indicator 1 | Indicator 2 | Indicator 3 | Result of screen |
|------|-------------|-------------|-------------|------------------|
| Host |             |             |             |                  |

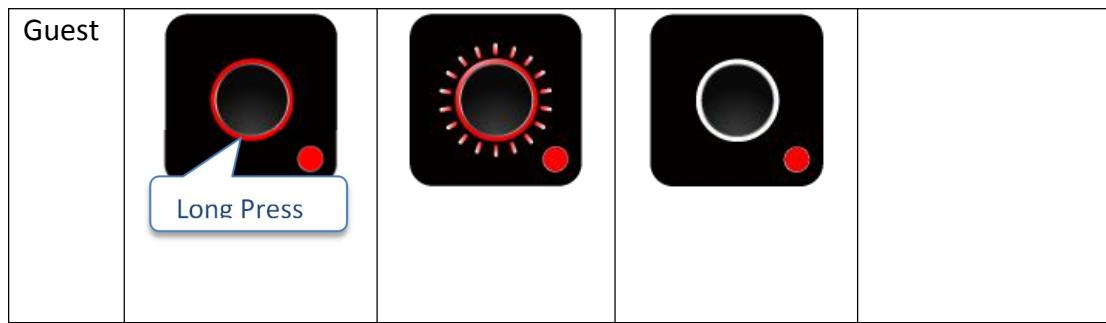


2. Host has projected on screen, Host rejects Guest's screen share request.

|       | Indicator 1 | Indicator 2 | Indicator 3 | Result of screen |
|-------|-------------|-------------|-------------|------------------|
| Host  |             |             |             |                  |
| Guest |             |             |             |                  |

3. From share screen mode, Host allows Guest full screen request.

|      | Indicator 1 | Indicator 2 | Indicator 3 | Result of screen |
|------|-------------|-------------|-------------|------------------|
| Host |             |             |             |                  |



4. Guest full screen mode, Host retrieves share screen request.

|       | Indicator 1 | Indicator 2 | Indicator 3 | Result of screen |
|-------|-------------|-------------|-------------|------------------|
| Host  |             |             |             |                  |
| Guest |             |             |             |                  |

5. Guest full/share screen mode, Host retrieves full screen request.

|       | Indicator 1 | Indicator 2 | Indicator 3 | Result of screen |
|-------|-------------|-------------|-------------|------------------|
| Host  |             |             |             |                  |
| Guest |             |             |             |                  |

This product can only be used indoors, antenna type only allows use of PCB antenna and PIFA Antenna

The transmitter can be used as a receiver and the receiver can be used as a transmitter

## FCC STATEMENT

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

## FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body