

REALTEK

iOS Bluetooth Config APP User Guide

iOS Bluetooth Config APP User Guide

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Change History

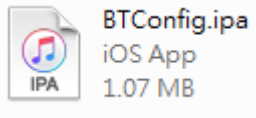
| Version | Data | Digest |
|---------|------------|--|
| 1.0 | 2017-01-10 | Introduce <i>Bluetooth Config</i> iOS app usage. |

Contents

| | |
|--|---|
| iOS Bluetooth Config APP User Guide | 0 |
| 1 iOS Bluetooth Config APP user guide..... | 1 |
| 1.1 How to install Bluetooth config ipa on iDevice..... | 1 |
| 1.2 Realtek Bluetooth Config Procedure | 1 |
| 1.2.1 Bluetooth Operation(scan and connection)..... | 1 |
| 1.2.2 WiFi Operation(scan, connection and position detection)..... | 4 |
| 1.2.3 Other Operations and Behaviors..... | 7 |

1 iOS Bluetooth Config APP user guide

1.1 How to install Bluetooth config ipa on iDevice



- a. Connect your Phone to computer and launch iTunes.
- b. Drag the BTConfig.ipa file into iTunes library.
- c. Click on Sync and done.
- d. To trust APP launch
 - On the device, launch the app, and in the “Untrusted Enterprise Developer” dialog that appears, click Cancel. This step adds Device Management to Settings.
 - Tap Settings > General > Device Management.
 - Under Enterprise App, tap the "Realtek Semiconductor Corp".
 - To trust BTConfig APP.

1.2 Realtek Bluetooth Config Procedure


1.2.1 Bluetooth Operation(scan and connection)



- 1) Click the app icon "Bluetooth Config" of Bluetooth Config to launch it. If the Bluetooth is not enabled, it will give a warning message (as Figure1) to remind user to enable Bluetooth at iOS system settings.



Figure 1

- 2) After Bluetooth setting has been enabled, please click the  button to scan Bluetooth device around (as Figure 2)

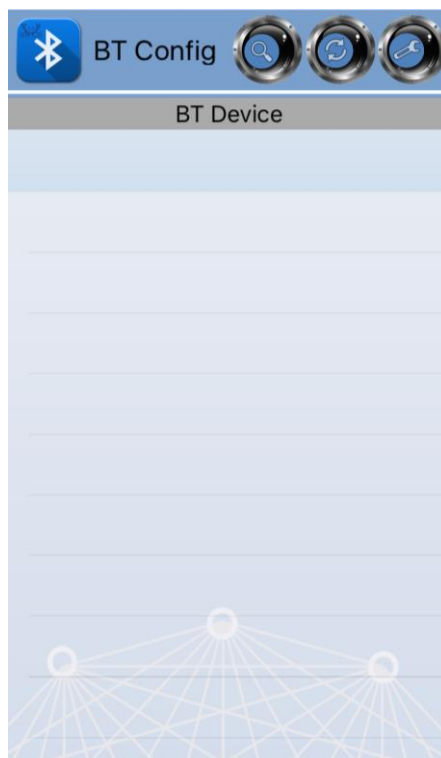


Figure 2

- 3) If Bluetooth device has been found, the scan result will be displayed (as Figure 3)

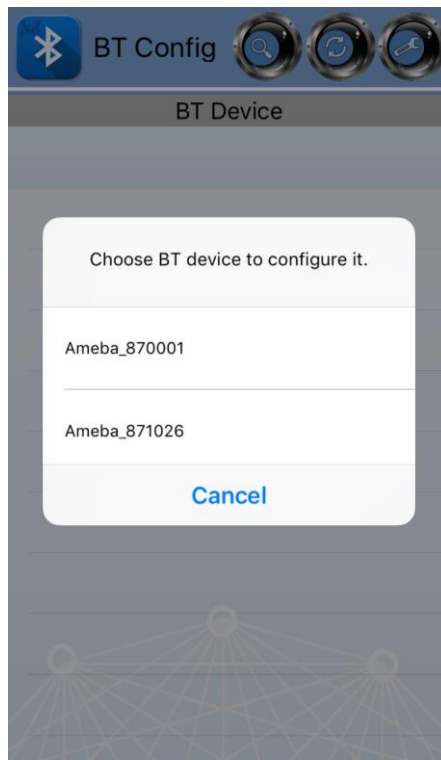


Figure 3

- 4) Select the corresponding realtek's wifi client for Bluetooth pairing and connection(as Figure 4).

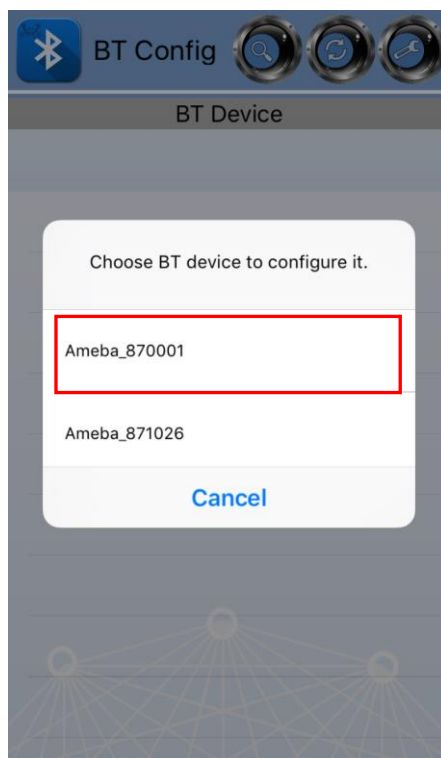


Figure 4

- iDevice starts to connect with Bluetooth device (as Figure 5)

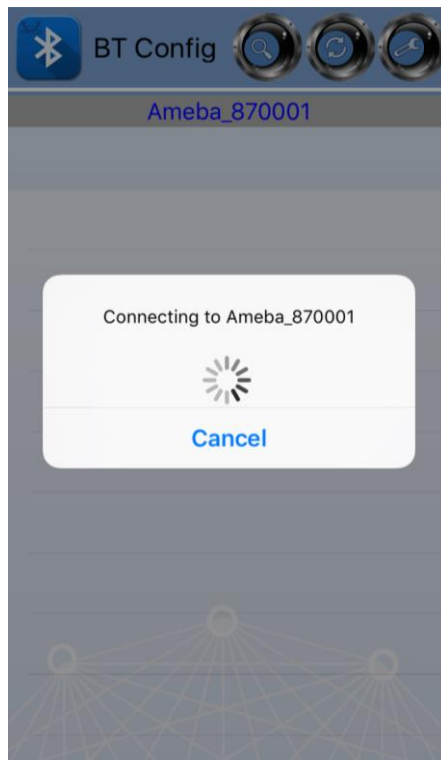


Figure 5

1.2.2 WiFi Operation(scan, connection and position detection)

- 1) If iDevice has connected to Bluetooth device successfully, it will scan the Wifi AP list automatically (as Figure 6) at the first time entering.

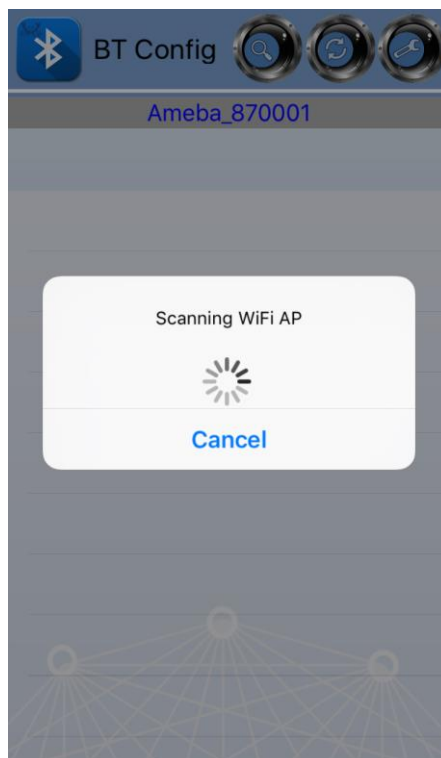


Figure 6

- 2) The scan results will be shown as Figure 7 after the scan progress finished. Please click "OK" to display WiFi AP list.

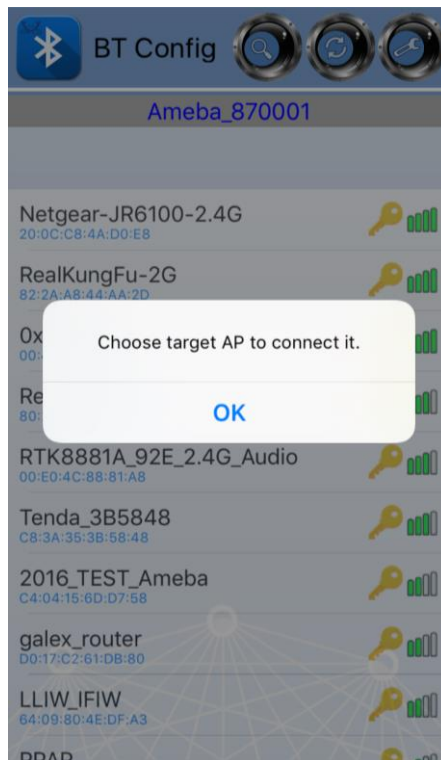


Figure 7

- 3) Select one SSID in WiFi AP list(as Figure 8), a dialog will popup to notify user to input the WiFi password. After finishing input the WiFi password (as Figure 9), please press the "Next" button to start the realtek's wifi device connection with the selected AP.

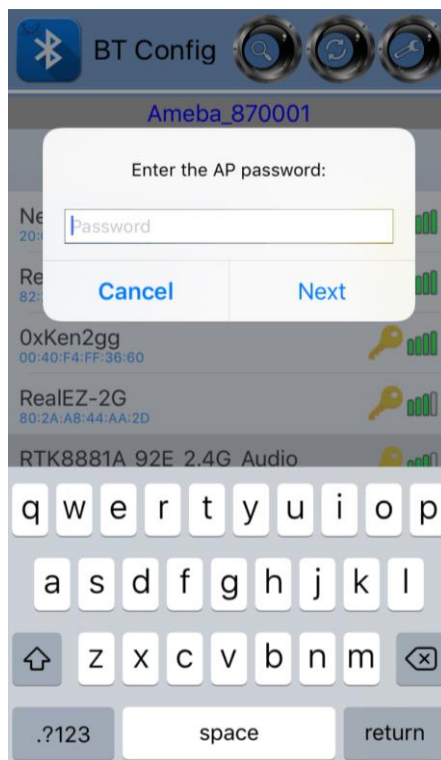


Figure 8

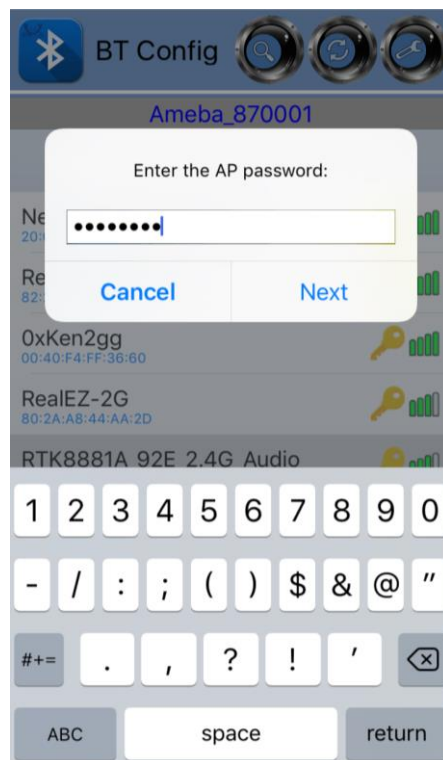


Figure 9

- 4) Due to realtek's wifi client connects to remote ap need taking a while, the waiting dialog will be displayed as Figure 10, user can cancel the current wifi connection by press the "Cancel" button

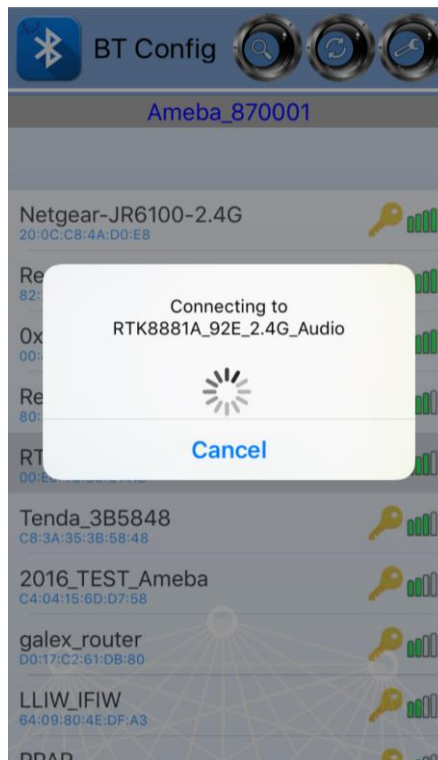


Figure 10

- 5) After realtek's wifi client has connected to remote AP successfully, the connect status is shown as Figure 11



Figure 11

- 6) Bluetooth config app will check the RSSI between realtek's wifi device and remote AP, and suggest user to move realtek's wifi client to appropriate location. Realtek's wifi client is too far from AP, the notification dialog as Figure 12. User can choose to adjust wifi client's position to AP or abandon the adjustment.



Figure 12

Note: If user needs power off realtek's wifi client, and moves it to another power socket, APP also will wait realtek's wifi client on-line again.

1.2.3 Other Operations and Behaviors

If the realtek's wifi client has been configured successfully once, the Bluetooth profile will be automatically saved, when run this app again, a reminding message will be shown to notify user to use the saved Bluetooth profile or select new Bluetooth device as Figure 15.

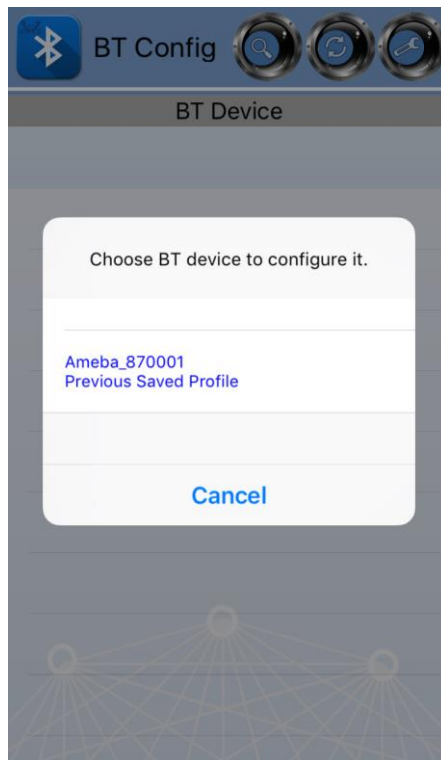


Figure 15

User can choose to use saved Bluetooth profile or select others manually.