Introduction

Now the digital music player control by WIFI remote control of the mobile phones and tablets PC has been an important and indispensable function. If connected to the main wireless network in your house, the reaction of the player may be slow as the other devices occupy the network, so from now on the digital music player of Opera Audio is recommended to use the BL-MP01 mini wireless TPLINK.

The BL-MP01 has been set at the AP mode in the factory. If you do not need to access the Internet radio, it can be connected to the LAN connector of the digital music player without any settings. This wireless network is prepared for the remote control of the mobile phones and the tablet PCs. This method in which the digital player connect to the wireless network is lower than the resources occupation rate of using an external wireless sound card. the sound will be much better. The factory default network name (SSID) is Opera-apXXX, the password is 12345678. After connected to this network, the mobile phones and tablet PCs can use the related APP application to remote control the digital music player.

If you would like to access to the resource of the internet radio and the local LAN in your home by Opera digital music player, you can connect the BL-MP01 TPlink to the local LAN according to the following content by hand. After connected to the LAN connector of the digital music player, the BL-MP01 can be used as an external wireless card.

The setup process requires a Windows computer and a BL-MP01 mini TPLink. In the operating environment of the digital music player it need to have the WIFI wireless network set up and the key.
Preparation for the wireless network bridge

Before bridge to the wireless network, the main channel router need to be set at a fixed mode.

The following instructions of changing the channel set the TP-link wireless router as an example, other brands wireless router you can refer to the manual.

First, connect the computer to the wireless network of the main router.

In the browser address, please enter 192.168.0.1. In the pop-up landing dialog box, enter the user name "admin", password "admin"("admin" is default, the password should be subject to real conditions.)
In the main interface please click “Wireless Settings”

In the “wireless settings”, click on “basic settings”, we recommend to set the “channel” into “11”.

And then please click “Save”. It is the settings of the wireless network, changing’s channel.
Instruction about the settings of bridging to the main wireless network

The network name is “Opera-audio” in our example. The actual name is “Opera-apXXX”
Set the BL-MP01 mini wireless router by wireless network
Connect the PC with the Opera-audio wireless network(The original network of the BL-MP01 mini wireless router)
The wireless safe key is “12345678”. Click “Yes” and then connect to the "Opera-Audio" wireless network.

If set the BL-MP01 mini wireless router by desktop computer, you can connect the USB power supply of BL-MP01 with the desktop computer through USB port, the cable insert in the LAN of desktop computer.

Open the IE browser, enter “192.168.16.254” in the address. The user name is “admin”, the password is “admin”.

[Image of network connection settings]
The first time to login the web page of BL-MP01. Please change the language from Chinese to English.

Click the “network settings” in LAN settings, change the DHCP’s style into “disable”.

Wait for a moment, after restart of the router, refresh IE it will enter into the main interface of the router, and then click the “wireless network setting”, in the list, click “Site survey scanning”, and then choose the wireless network which you would like to connect. For example, the "OP_A", take down the Encrymode and the authentication, and then click the “connect”.
In the passing password of the client, you can set the password of the wireless network which you want to connect.

Set the safe mode into the style of the above “authentication”.
Set the Security Mode into the style of the above “Encrymode”.
And then click “USE” refresh the router.

The icon will be a green “handle” icon after connect to the wireless network.
Settings Completed
Now you can listen the network radio after connect the BL-MP01 with LAN of the digital stream player.

if you carelessly restore the BL-MP01 to the factory settings, you can set the link of wireless network as following instructions.

Preparation
One computer, BL-MP01 mini wireless router, a completed wireless network and the key in digital stream music player.

Steps
1. Set the BL-MP01 mini wireless router into AP mode.
2. Change the IP address in PC.
3. Set the wireless network in the interface of BL-MP01 mini wireless router.
   - Set the point to point wireless network without internet link.
   - Link to the wireless network with internet link
4. Restore the IP address.

Specification.
Turn the operating mode of BL-MP01 into AP
Connect the wire of the BL-MP01 with the LAN port of the PC.
If the operating system is Window7, the way of setting IP address as following:
Click the icon of the network connections,

Click the “open network and Sharing Center”

Click “local Area Connection”
Click “property”

![Local Area Connection Status](image1)

Click “TCP/IPV4”

![Local Area Connection Properties](image2)

The IP address is “192.168.16.251” (this address is any number in 192.168.16.1-253)

The sub network mask is “255.255.255.0” then click “Yes”
Open the browser, input "192.168.16.254", input the user name and password "admin".
Click the “network setting” Change the style of DHCP “disable” into "able", please wait for 10 seconds.
In the management of Router, click the “wireless network settings”
Click “AP client”
In AP settings, put it into “able”, click “yes”, wait for 10 seconds.

Click “wireless network settings”
In the settings of wireless network, click “Site survey”
And then you can choose the local wireless network which you can find. Click “connect”.

![Wireless Network Settings](image1.png)

![Site Survey](image2.png)
After click “connect”, input the wireless network password, click yes to connect the wireless network, this period may be long. Please be patience with it.

After connection, before the SSID of the wireless network there is a green “hand” icon.
The router has been completed. Turn the IP address into “Automatic”.

Connect the router to the LAN port of. The BL-MP01 get power supply through the USB of the digital stream player. In the settings of the digital stream player, turn “network style” into “line”.

DHCP is “able”

In this way, the digital stream player can connect the wireless network by router.

If you would like turn the BL-MP01 into point to point network in factory reset. The settings introduction as following.

Connect the BL-link BL-MP01 mini wireless router with the LAN of PC.

If the system is Windows 7, the IP address setting as following, Click the Network icon.

Click “network and sharing Center”
Click "local connection"

Click "property"
Input IP address “192.168.16.16” (this address is any number in 192.168.16.1-253) The sub network mask is “255.255.255.0,” Click “Yes”

In the browser, input “192.168.16.254,” the user name and the password both are “admin”.

Click "network settings"
In the local network, DHCP style is "Server"
The "AP client" in the wireless network is "Able"

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In the local settings of the "wireless network settings", the network name is "Opera-audio"
Safety settings,
Safety mode is "WPAPSKWPA2PSK"
- WPA algorithm is AES
Password is 12345678
After save it, the "Opera-audio" wireless network is completed.