

# *Panda Wireless<sup>®</sup> Express Router*

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*WiFi Hotspot + Storage + Airplay*  
*Version 1.1*

**Model: PWRU01**

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# Product Overview

## Introduction

Panda Wireless Express Router is a portable WiFi speaker adapter with WiFi hotspot and storage functions. It lets you play the music on your phone or tablet wirelessly on any third-party WiFi-Music-enabled speaker. No cable or dock necessary.

By connecting to the audio jack in the back of Panda Wireless Express Router, your existing audio system is upgraded to work seamlessly with smart devices. Your expensive stereo equipment investment is instantly secured by Panda Wireless Express Router.

It can be used as a wireless router, set inside a wireless connection on the external wireless network, network and then share it with other users.

It lets you create your own personal cloud storage space to share your favorite content in your USB storage with your favorite people. There is no need to worry about running out of space on your mobile devices anymore.



## Key Features and Benefits

### Hi-Fi over Wi-Fi

Panda Wireless Express Router technology streams music wirelessly over standard WiFi networks.

This capability can be built directly into home stereos, computers, and TV's, so you can stream pure, bit-for-bit, lossless music from your smartphone or tablet to any home audio system, wirelessly. It's Hi-Fi Over Wi-Fi.



### Supports Multi-platform

Panda Wireless Express router supports connection with multiple wireless devices, including iPhone, iPad, Android smart phones, tablet, computer and other equipments.

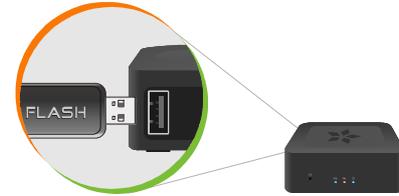
Then each of your devices will get the best connection to play music on speaker, surf internet, share USB media files or set the product wirelessly.



## WiFi File Sharing

Built-in WAN port making the cable broadband convert to WiFi at hotel and home, it also let more people surf the internet under the WiFi coverage area.

You only need to insert the Ethernet cable to the WAN port of Panda Wireless Express Router, and after easy WAN operations, you will go to internet wireless with you phone, tablet or computer.



## Works with Existing Speakers

By connecting to the audio jack in the back of Panda Wireless Express Router, your existing audio system is upgraded to work seamlessly with smart devices. Your expensive audio equipment investment is instantly secured by Panda Wireless Express Router.

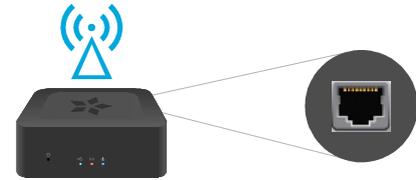
You have the flexibility to use almost any pair of powered speakers you like. Panda Wireless Express Router for WiFi audio devices to your speakers using standard analog 3.5 mm jacks.



## WiFi Hotspot

Built-in WAN port making the cable broadband convert to WiFi at hotel and home, it also let more people surf the internet under the WiFi coverage area. You only need to connect Router/Modem to the ETHERNET port of Panda Wireless Express Router to go to internet wirelessly.

In addition, if you connect the LAN port to your PC or other device using an Ethernet cable, then the devices without WiFi function will be able to access internet through Panda Wireless Express Router wirelessly.



## Extend the Wireless Network Range

Panda Wireless Express Router has wireless station repeater function, and can be used with the existing wireless router in-home to extend its wireless network coverage. As following, you just need to do a few simple steps to extend the range of internet or wireless music, both convenient and practical.



Extend the range of wireless network



Extend the range of wireless music

## Easy to Setup, Easy to Use

The app for mobile devices makes using the Panda Wireless Express Router a snap, no technical knowledge required! Simply connect your speakers to Panda Wireless Express Router using an audio cable. Then, connect your devices to Music via WiFi and play the desired music, and now you have created a whole-house musical experience.

A clean, user-friendly web interface gives you an easy way to further customize and configure your Panda Wireless Express Router.



## Small and Smart

Panda Wireless Express Router Palm-type portable WiFi media equipped with a built-in 1T1R antenna, 150Mbps wireless data rate; Body designed with size in only 80mmx80mm, the sleek styling looks good on a shelf or can be hidden away discreetly.

Micro USB multiple power supply makes it worked with any standard USB connector or power adapter, therefore sharing power with your mobile devices.



## Plays with Multiple Speakers

Using Panda Wireless Express Router, you can play the same music in iTunes wirelessly on all your speakers at the same time. Let your favorite artists play every room in the house.

Install multiple sets of Panda Wireless Express Router and speakers in your rooms, then enable the Airplay function of iTunes App on your computer and select the desired Panda Wireless Express Routers for your speakers, and then the selected speakers will play the songs wirelessly at the same time.



Extend the range of wireless network



Extend the range of wireless music

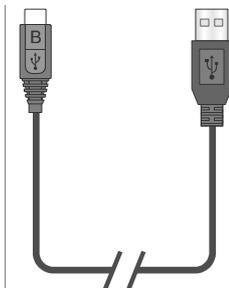
## Specifications

System	
WLAN	WLAN Standard: 802.11b/g/n Max. Speed: 150Mbps Security Protocols: WPA, WPA2
WiFi Audio Streaming Protocols	AirPlay (Apple)
Apps	Apple Music (Build-in App on iPhone, iPad and Mac)
Music File Type	AAC/MP3/WMA/FLAC/OGG/WAV/M4A/ALAC
Device Interfaces	
USB2.0 Port	1 x USB 2.0 port for USB storage.
Ethernet Port	2 x RJ-45 Ethernet WAN & LAN ports.
Audio IN	1 x 3.5 mm jack, Connect to audio output port of PC.
Audio OUT	1 x 3.5 mm jack, Connect to your speaker.
DC IN	1 x Micro USB port for DC 5V 1A power input.
Reset Button	1 x Semi-recessed pushbutton to load factory default.
Indicators	3 x LEDs, indicate USB, WiFi and power status.
Physical Properties	
Operating Environment	0°C to 35°C, Humidity 10% to 80% RH(No condensation)
Storage Environment	-10°C to 50°C, Humidity 5% to 95% RH(No condensation)

Housing	Plastic
Unit Dimensions	80 (W) x 80 (L) x 30 (H) mm
Unit Mass (weight)	About 85g
<b>Packaging</b>	
Box Size	8.6 x 8.4 x 7.6 cm

※ Specifications and design are subject to change without notice.

## Power Adapter and Cable



### Power Adapter

Input(United Wall Plug)

AC 100~240V,  $\pm 10\%$   
50/60Hz

Output(USB Connector)

DC:+5V  $\pm 5\%$   
1.500mA -- For Standard Mode(Support Pan Drive Only)  
2.1000mA -- For HDD Mode (Support HDD below 600mA)  
3. Not supply

### Cable

1. USB to Micro USB
2. 110cm  $\pm 5\%$
- 3 1A DC Output Drop 0.15V

### Safety

UCL, VDE/TUV

## Package Contents

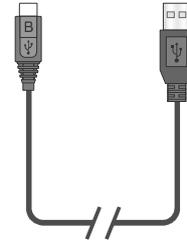
The product package includes the following items and accessories:



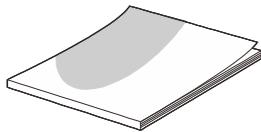
WiFi-Music Unit



USB Power Adapter



MicroUSB to USB Cable



Quick Start Guide

## Hardware Interfaces

### Front Panel



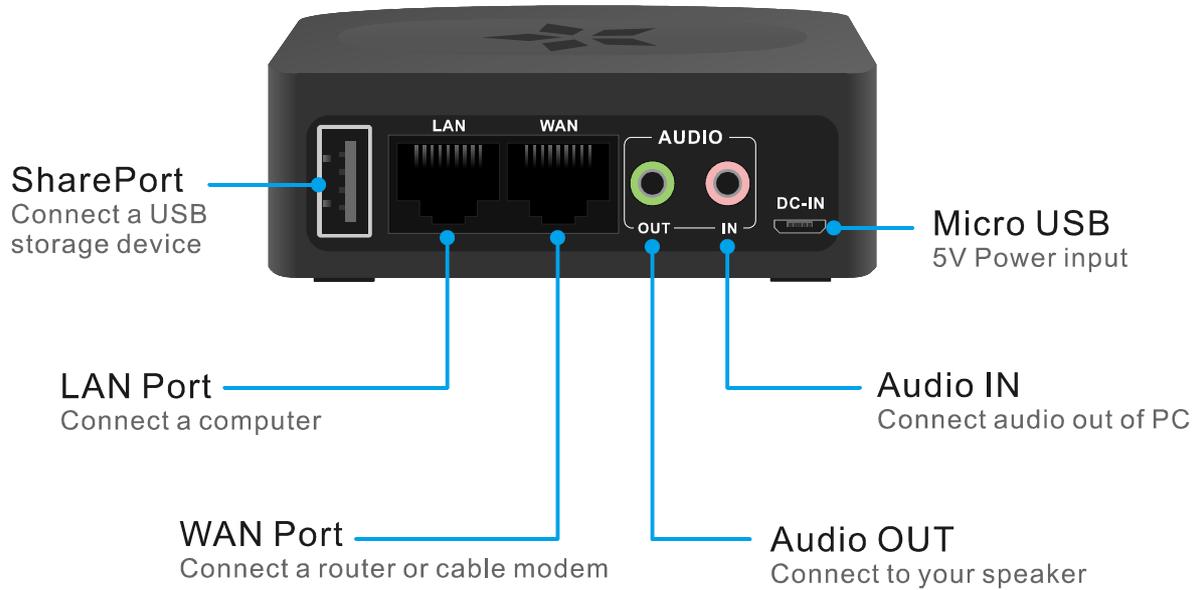
#### Reset Button

Press with a spike for 5 seconds to restore factory settings

#### Status Indicators

Indicate USB, WiFi and power status

## Rear Panel



## Status Indicators

The three status indicators show the current status of Panda Wireless Express Router, and their descriptions are as following:

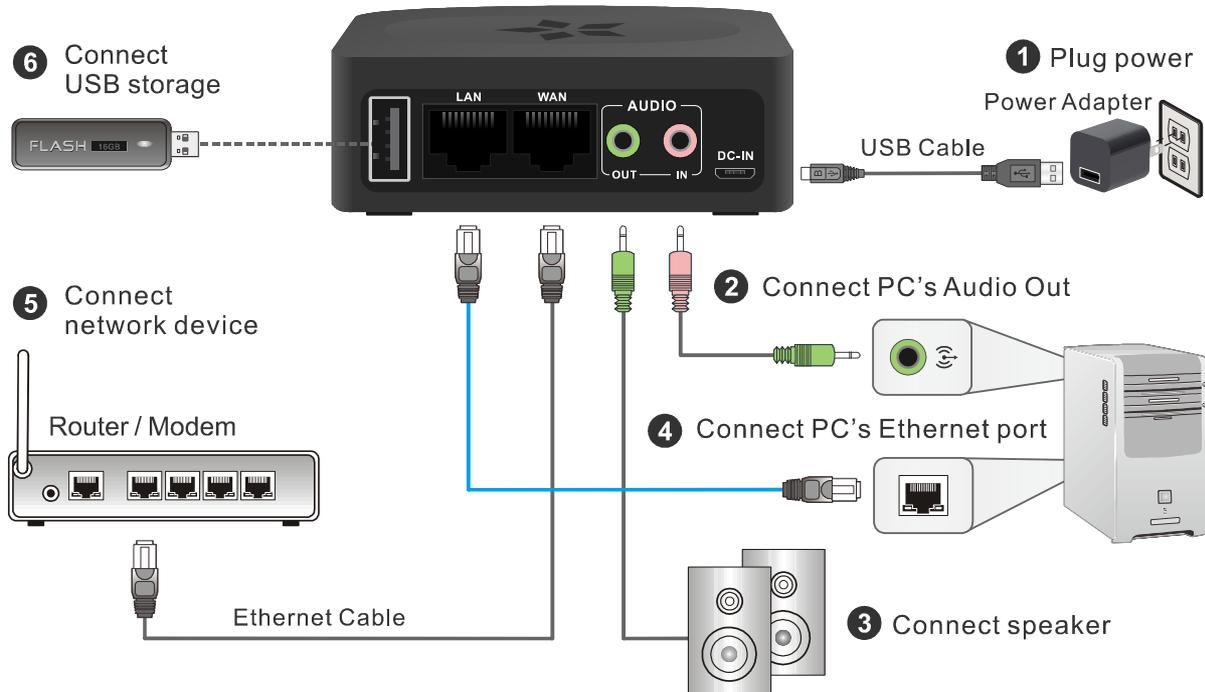
LED	Indication	Description
 (USB)	Light off	No USB storage is detected.
	Blue on	The USB storage connected to USB port is ready.
	Blue flashing	Reading data from USB or writing data to USB.
 (WiFi)	Light off	WiFi connection is not ready.
	Red on	WiFi function is ready and can be connected by phone/tablet.
	Red flashing	It is sending or receiving data over WiFi network.
 (PWD)	Light off	Power off.
	Blue on	Power on.



- Keep pressing the reset button for about 5 seconds until the two blue indicators (PWD&USB) flash simultaneously, then release, Panda Wireless Express Router will reset to the default settings and reboot.
- When pressing reset button for less than 5 seconds (blue indicators not flash), the product will restart instead.

## Hardware Connection

Please connect Panda Wireless Express Router by following these steps:



## **1 Plug Power**

Plug the Micro-USB end of the Micro-USB to USB cable (supplied) into the product's DC-IN port and the other end into the USB power adapter, then plug the power adapter into the wall socket.

## **2 Connect Audio Out of PC**

Connect the product's AUDIO IN port to the Audio Out port of PC via a 3.5mm audio cable.



Skip the step if your PC won't use the speaker. It's used to output the PC's audio to speaker directly via the audio cable.

## **3 Connect Speaker**

Connect your favorite speaker to the product's AUDIO OUT port.

## **4 Connect Ethernet Port of PC**

Plug one end of an Ethernet cable into the product's LAN port and the other end into the Ethernet port of PC.



Skip the step if PC doesn't connect to the product via Ethernet cable directly.

## 5 Connect Network Device

Plug one end of an Ethernet cable into the product's WAN port and the other end into the Router or Modem.



Skip the step if you don't use the WiFi Hotspot function.

## 6 Connect USB storage

Plug the USB storage to the product's USB2.0 port.



Skip the step if you don't use the file sharing (Samba) function.

# Products Operations

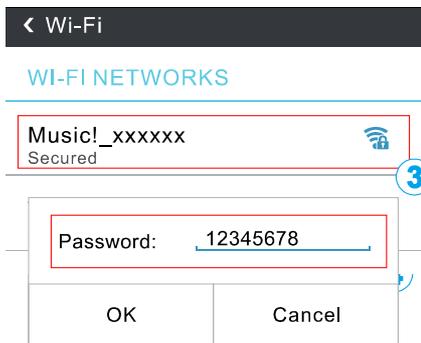
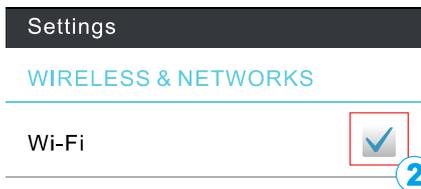
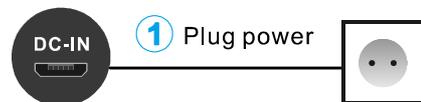
## Connect to Panda Wireless Express Router

You can connect Panda Wireless Express Router by following these steps:

1. Power on Panda Wireless Express Router
2. Enable the WiFi function of your smartphone, tablet or notebook and search the WiFi networks.
3. Select SSID for Panda Wireless Express Router (default: Panda!\_xxxxxx, xxxxxx is the last six letters of the MAC address.) in the WiFi list.
4. Then enter its password (default: 12345678) and tap “OK” to connect Panda Wireless Express Router.
5. When completed, it will show “connected” sign, as following.



If your phone/tablet/PC and Panda Wireless Express Router are connected to the same router, you can play wireless music though Panda Wireless Express Router directly.



## Product Settings

Using smartphone/tablet/notebook to connect Panda Wireless Express Router through WiFi. Then enter URL '192.168.8.1' in browser to open the settings page. (If you have changed the Login IP, enter the new IP.)

Enter the username and password to login.

The default username and password are both admin. You can change them in the "Password" page.

The main menu is as right:

<b>Internet Setup</b>	Set network to access internet.
<b>Wireless Setup</b>	Set WiFi Repeater and SSID.
<b>System Tools</b>	Change login IP/username/password, restart or reset Panda Wireless Express Router, upgrade firmware.
<b>System Information</b>	Show the current information.

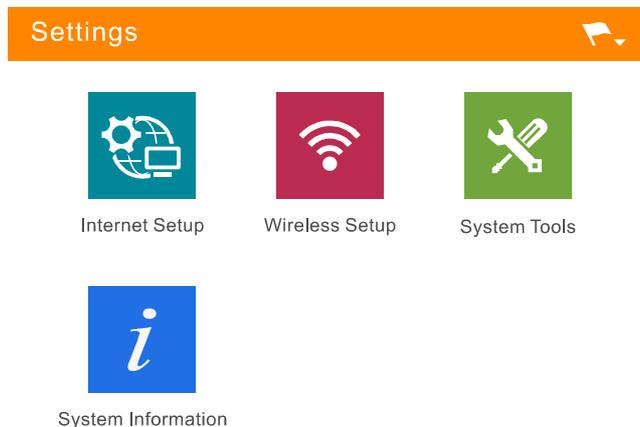
"" on the top-right is used to switch display language among English, Simplified Chinese and Traditional Chinese.



Username

Password

Login Cancel



## Internet Setup

This item is used to convert the cable broadband network to WiFi in order to access the internet via wireless network.

There are three wired network types here: DHCP(default), PPPoE or Static IP.

Select the desired type and click the icon to enter the corresponding subpage and set. When completed, Panda Wireless Express Router will reboot automatically, you can access internet after about one minute.

Internet Setup



DHCP



PPPoE



Static IP



- Before setup, please connect Panda Wireless Express Router to the Router or Modem with an Ethernet cable first.
- When using DHCP network, you can access internet immediately after plugging the Ethernet cable without Internet Setup.
- When using PPPoE or Static IP network, if you reboot the Router or Modem, you have to reboot the Panda Wireless Express Router too.

## DHCP:

Select “DHCP” if the Panda Wireless Express Router is connected to a cable modem or router, and network configuration is dynamic IP(DHCP).

It will display the current DHCP information here, tap “Apply” to confirm and apply, and Panda Wireless Express Router will reboot automatically to work the configuration.

## DHCP Setting



WAN IP	xxx.xxx.xxx.xxx
Subnet Mask:	xxx.xxx.xxx.xxx
Gateway:	xxx.xxx.xxx.xxx
Primary DNS:	xxx.xxx.xxx.xxx
Secondary DNS:	xxx.xxx.xxx.xxx

Apply

Cancel

## PPPoE:

If your ISP uses the PPPoE protocol for Internet access, please select “PPPoE” and enter the account and password provided by ISP.

Then tap “Apply” to confirm and apply, and Panda Wireless Express Router will reboot automatically to work the configuration.

## PPPoE Setting



Account:	<input type="text" value="xxxxxxx"/>
Password:	<input type="password" value="....."/>

Apply

Cancel

## Static IP:

If you are given a fixed IP, please select “Static IP” and enter the static IP information provided by your ISP, such as IP Address, Subnet Mask, Default Gateway and DNS. Then tap “Apply” to confirm and apply, then Panda Wireless Express Router will reboot automatically to work the configuration.

### Static IP Setting



IP Address:

Subnet Mask:

Gateway:

Primary DNS:

Secondary DNS:

Apply

Cancel

## Wireless Setup

This page is used to set WiFi repeater or change the WiFi wireless network information of Panda Wireless Express Router. It includes two settings: WiFi Repeater and SSID & Security

When completed, Panda Wireless Express Router will reboot automatically to work the configuration.

### WiFi Repeater:

It will list all of the available WiFi networks. Tab one of them to connect.

If it's an open network, you will be automatically connected to the network. If it is secured, you will need to enter its password to connect.

When completed, Panda Wireless Express Router will reboot automatically.



If the security type of the desired network is "WEP", you have to select its key index first, then tab "Apply" and enter the password to connect it. If failed, try them one by one.

## Wireless Setup



WiFi Repeater



SSID & Security

## WiFi Repeater



Choose a Network...

✓ TP-Link-1	🔒 📶
TP-Link-2	🔒 📶
TP-Link-3	🔒 📶
TP-Link-4	🔒 📶

Key Index:  Default  Key2  Key3  Key4

Apply

## SSID & Security:

This page is used to change the wireless SSID and security of Panda Wireless Express Router. When complete, Panda Wireless Express Router will reboot automatically to make the settings effective, then you can connect it with the new SSID and password.

### SSID:

Wireless SSID name of Panda Wireless Express Router, it will display in the available WiFi networks list on your mobile device.

(Default SSID: Panda!\_xxxxxx, xxxxxx is the last six letters of the MAC address.)

### Security:

Security mode, including None, WPA-PSK, WPA2-PSK and Auto. It controls whether or not users will be prompted for a password when joining the network.

### Password:

When the security mode is not “None”, you have to set the wireless password for users. (Default: 12345678)



Passwords must be at least 8 characters.

## SSID & Security



SSID:	<input type="text" value="Music!_xxxxxx"/>
Security:	<input type="text" value="WPA-PSK"/>
Password:	<input type="text" value="....."/>

Apply

Cancel

## System Tools

This page includes five settings: changing the login IP or username/password, firmware upgrade, reboot or reset. Click the icon to enter the corresponding subpage and set the item.

### Password:

Change the login username and password.

### Reboot:

Reboot Panda Wireless Express Router. When completed, the current connection may be interrupted, please connect again.

### Reset:

Reboot Panda Wireless Express Router. When completed, it will reboot automatically, so the current connection may be interrupted, please connect again.

## System Tools



Login IP



Password



Firmware Upgrade



Reboot



Reset

## Change Login IP:

Change the login IP and subnet mask of Panda Wireless Express Router.

### Login IP:

Login IP (LAN IP) of Panda Wireless Express Router, "192.168.8.1" as default. Generally, users don't need to change it.

But if you are accessing internet via Static IP, please note that whether the third segment of Static IP and Login IP are the same, if yes, they will conflict with each other and you have to change the Login IP here (You only need to change the third segment).



If you change the Login IP, please enter the new IP address when accessing the product settings page or using File sharing function.

### Subnet Mask:

Subnet Mask of Panda Wireless Express Router, "255.255.255.0" as default. Generally, users don't need to change it.

## Change Login IP



Login IP:

Subnet Mask:

Apply

Cancel

## Firmware Upgrade:

You can update firmware in the page.

First, download the latest firmware upgrade file from the following link, save it in the root directory of a flash drive and plug it into the USB port of Panda Wireless Express Router.

Download the firmware from Panda Wireless web site:

<http://www.pandawireless.com/pwexpressrouter.html>

It will automatically detect the update files in the flash drive. Select the upgrade version if there is more than one upgrade file. Then tap “Upgrade” to start to upgrade.

During upgrading, the USB indicator will flash. When completed, Panda Wireless Express Router will reboot automatically to make the upgrade effective. After that, you can enter in the “System Information” page to check the Firmware Version.

### Firmware Upgrade

Current Version :

Upgrade Version :

## System Information

This page is used to display the current information of Panda Wireless Express Router.

### Firmware Version:

Show current firmware version.

### WAN:

Show current WAN connection type, WAN IP Address and MAC Address.

### LAN:

Show LAN IP Address and MAC Address.

## System Information



Firmware Version: x.x.x

### WAN

Connection Type: xxxx

IP Address: xxx.xxx.xxx.xxx

MAC Address: xx-xx-xx-xx-xx-xx

### LAN

IP Address: 192.168.8.1

MAC Address: xx-xx-xx-xx-xx-xx

Refresh

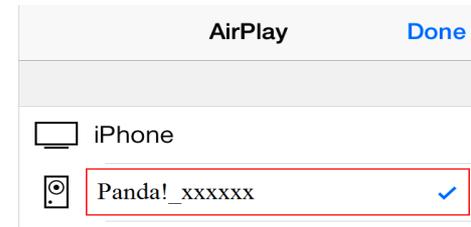
Cancel

## Playing Music Wirelessly

Panda Wireless Express Router lets you listen to music or other audio from phone/tablet/notebook wirelessly on your favorite speakers — with better sound quality.

## For iOS 7 or higher users

1. Power on Panda Wireless Express Router, then use your iPhone/iPad to connect to the product through WiFi (or connect the device and Panda Wireless Express Router to the same router directly).
2. Swipe up from the bottom of your screen to access Control Center.
3. Tap “ AirPlay”. You should now see available AirPlay-enabled devices.
4. Select the SSID of Panda Wireless Express Router (default: Panda!\_xxxxxx), then tap Done.
5. Start the music player and play music with it, and then your music will play through speaker wirelessly.



- ***Because there is a delay in wireless playing, we recommend that you use the application to enjoy music only, but don't use it to watch video or play games.***

## For other iOS users

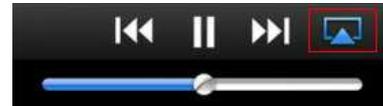
1. Power on Panda Wireless Express Router, then use your iPhone/iPad to connect to the product through WiFi (or connect the device and Panda Wireless Express Router to the same router directly).

2. Start the iOS default music player and play music with it. Then tap the AirPlay button “A screenshot of the iOS music player interface. It features a black background with white playback controls: a double left arrow (previous), a vertical bar (play/pause), and a double right arrow (next). Below these is a progress bar with a white slider. On the right side, there is an AirPlay icon (a square with a triangle pointing up) which is highlighted with a red rectangular box.

3. Select the SSID for Panda Wireless Express Router (Default: Panda!\_xxxxxx)



4. The AirPlay icon will change to blue, and then your music will play through speaker wirelessly.



## For Windows / Mac OS users

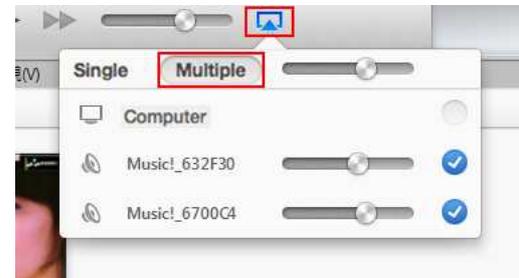
1. First install the “iTunes” application on your Mac or PC.
2. Power on Panda Wireless Express Router, then use your notebook/PC to connect to the product through WiFi (or connect the device and Panda Wireless Express Router to the same router directly).
3. Start the iTunes app, then tap the AirPlay button “” to select the speakers to play the music.



### Plays music on multiple speakers

As long as there are multiple PWER speakers, you can select “Multiple” as right after clicking Airplay button in order to select multiple devices to play music on speakers in different rooms at the same time through iTunes.

Generally, it supports up to three to six output devices. The actual number depends on the environmental conditions (such as building materials and regional radio interference), distance from output devices and available network bandwidth.



## Creating WiFi Hotspot

Panda Wireless Express Router can be used as a wireless router, set inside a wireless connection on the external wireless network, network and then share it with other users. (We recommend that you use an Ethernet cable to connect the router and Panda Wireless Express Router directly when accessing the internet to achieve better results.) And it lets you access internet while connecting to Panda Wireless Express Router and share WiFi network to others.

### Wired Network to WiFi

1. Power on Panda Wireless Express Router
2. Connect Panda Wireless Express Router to the Router or Modem via an Ethernet cable.



When using DHCP network, you can access internet immediately after plugging the Ethernet cable, and don't need to do the following two steps.

3. Use your phone/ tablet/notebook to connect to Panda Wireless Express Router through WiFi. Then enter URL '192.168.8.1' in browser and login the settings page.  
(If you have changed the Login IP, enter the new IP.)



4. Tap “Internet Setup” icon to enter internet settings page as right.  
There are three wired network types here: DHCP (default), PPPoE or Static IP. Select the desired type and click the icon to enter the corresponding subpage and set. When completed, Panda Wireless Express Router will reboot automatically, then you can access internet easily.  
(See details in the Product Settings chapter.)



5. Then your phone/tablet/computer can access internet through Panda Wireless Express Router wirelessly.



- When using DHCP network, you can access internet immediately after plugging the Ethernet cable without Internet Setup.
- When using PPPoE or Static IP network, if you reboot the Router or Modem, you have to reboot the Panda Wireless Express Router too.

## WiFi Repeater

1. Power on Panda Wireless Express Router
2. Use your phone/tablet/notebook to connect to Panda Wireless Express Router through WiFi. Then enter URL '192.168.8.1' in browser and login the settings page.  
(If you have changed the Login IP, enter the new IP.)
3. Tap "Wireless Setup -> WiFi Repeater" icon to enter WiFi Repeater settings page as right.  
It will list all of the available WiFi networks. Tab one of them to connect.  
If it's an open network, you will be automatically connected to the network. If it is secured, you will need to enter its password to connect.  
When completed, Panda Wireless Express Router will reboot automatically to work the configuration.



If the security type of the desired network is "WEP", you have to select its key index first, then tab "Apply" and enter the password to connect it. If failed, try them one by one.



### WiFi Repeater



Choose a Network...

✓ TP-Link-1	🔒 📶
TP-Link-2	🔒 📶
TP-Link-3	🔒 📶
TP-Link-4	🔒 📶

Key Index:  Default  Key2  Key3  Key4

Apply

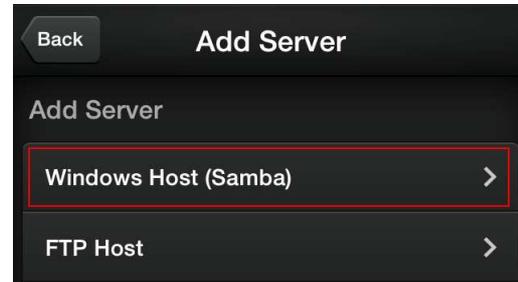
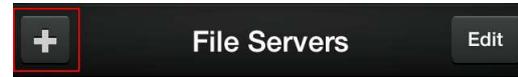
## File Sharing (Samba)

Panda Wireless Express Router lets you create you own WiFi storage to share your favorite content in the USB storage with your favorite people. There is no need to worry about running out of space on your mobile devices anymore.

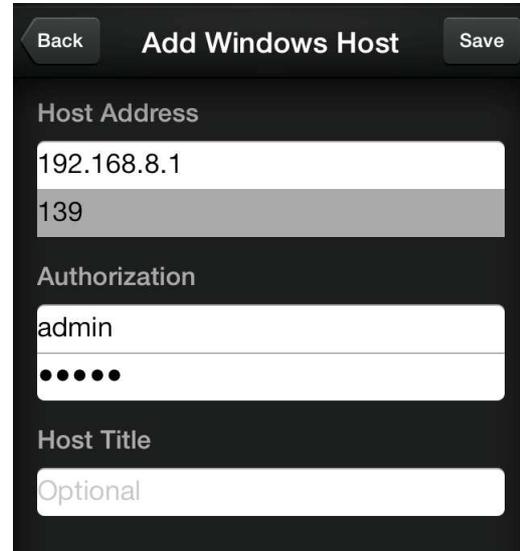
(When playing video in the WiFi storage, please don't using the wireless music function at the same time.)

## For iOS users

1. In your iPhone/iPad, start “App Store”, search the free remote file viewer named “Oplayer” and install it.
2. Power on Panda Wireless Express Router and plug your flash drive into the USB port of the Panda Wireless Express Router.
3. Use your iPhone/iPad to connect to Panda Wireless Express Router through WiFi.
4. Start the “Oplayer” app and enter the main menu, tap the “+” icon in “File Servers”.
5. Then select “Windows Host (Samba)” in the “Add Server” page.



6. In the “Login Information” page, enter the host address (192.168.8.1, if you have changed the Login IP, enter the new IP.) and the username and password (both “admin”), then enter the server name (optional), then tap “Save” on the top right corner.



Back Add Windows Host Save

Host Address

192.168.8.1

139

Authorization

admin

••••

Host Title

Optional

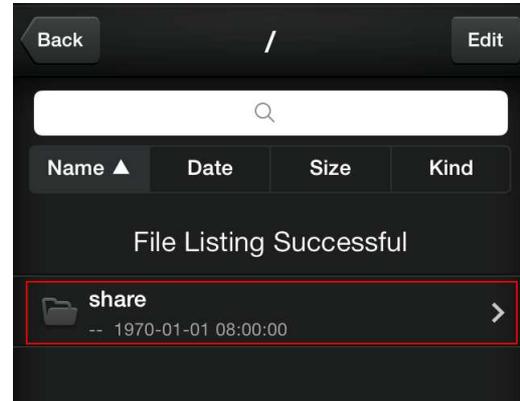
7. The server name will display in “Server List” (the default name is 192.168.8.1[SAMBA]), tap it.



Server List

192.168.8.1 [SAMBA] >

8. It will display a shared folder named “share”, tap it to access the files/folders in the USB storage wirelessly.

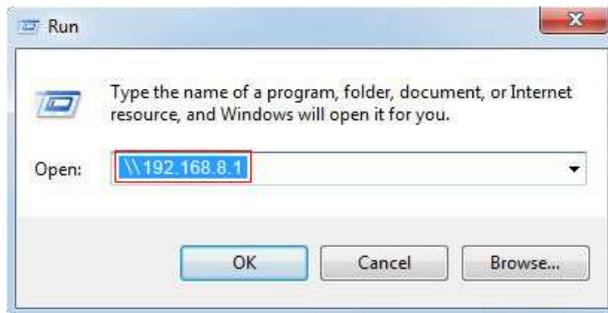


## For Windows users

1. Power on Panda Wireless Express Router and plug your flash drive to the product's USB 2.0 port.
2. Use your Windows notebook/PC to connect to the product through WiFi.
3. Enter the address "\\192.168.8.1" in the folder address bar and press "Enter" key to go to the share page.  
(If you have changed the Login IP, please enter the new IP address.)



You can also click "Start -> Run", then enter "\\192.168.8.1" and click "OK" to enter the share page.



4. Double click the “Share” folder to access the files/folders in the USB storage wirelessly.



## Tips and Troubleshooting

You can quickly solve most problems with Panda Wireless Express Router by following the advice in this chapter.

### Best Locations for Panda Wireless Express Router

The following recommendations can help your Panda Wireless Express Router achieve the best wireless range and network coverage:

- Place your Panda Wireless Express Router in an open area where there are few obstructions, such as large pieces of furniture or walls. Place it away from metallic surfaces.
- Avoid placing your Panda Wireless Express Router behind furniture or inside cabinets.
- Don't lay your Panda Wireless Express Router on its side.
- Don't place your Panda Wireless Express Router in areas surrounded by metal surfaces on three or more sides.
- If you put your Panda Wireless in an entertainment center with your stereo equipment, don't surround Panda Wireless Express Router with audio, video, or power cables. Place your Panda Wireless so the cables are to one side. Keep as much space as possible between Panda Wireless and the cables.
- Place your Panda Wireless Express Router at least 25 feet (8 meters) from any microwave oven, wireless mouse receiver, Bluetooth adapter, 2.4 GHz cordless phone, or other source of interference.

## Avoiding Interference

The following items can cause interference with Wi-Fi communication:

- Microwave ovens
- Direct Satellite Service (DSS) radio frequency leakage
- The original coaxial cable that may come with a satellite dish. Contact the device manufacturer and get newer cables.
- Electrical devices such as power lines, electrical railroad tracks, and power stations.
- Wireless mouse receiver, Bluetooth adapter, etc.
- Cordless telephones that operate in the 2.4 GHz range.

The farther away the interference source, the less likely it is to cause a problem.

## Problems and Solutions

### If the Phone/Table/PC Can't Detect Your Panda Wireless Express Router

Make sure that the phone/table/pc you're using has Wi-Fi. Use the Wi-Fi status menu on the menu bar to make sure Wi-Fi is turned on.

If you're using a Windows computer, make sure the wireless card or adapter is installed correctly. To check the connection, see the documentation that came with your computer.

### If You Can't Play Music by Panda Wireless Express Router on Your Stereo Equipment

- Make sure that your Panda Wireless Express Router is plugged into a power outlet and is in range of your phone/tablet/computer or wireless device, and that you connected the appropriate cables. You may need to join the network from Panda Wireless Express Router.
- Make sure you've chosen the SSID of your Panda Wireless Express Router from the "▣▲" pop-up menu in the WiFi-Music/iTunes window.
- Make sure you're using the latest version of iTunes on your computer.

## If You Can't Hear Music Playing

If music is playing (the playback head in the progress bar at the top of the music player window is moving) but you can't hear anything, check the following:

- Make sure your remote speakers are selected in the " " pop-up menu in the Panda Wireless Express Router/iTunes window.. Also make sure the volume on the remote speakers isn't turned down.
- Make sure your stereo or powered speakers are turned on, and the volume is turned up.

## If Your Panda Wireless Express Router Isn't Responding

Unplug it from the power outlet and plug it back in.

If your Panda Wireless Express Router stops responding completely, you may need to reset it to its factory settings. This erases all of the settings you've made and resets them to their original values.

### **To return your Panda Wireless Express Router to its factory settings:**

Use the end of a straightened paper clip to hold down the reset button for five seconds until the two blue indicators (PWD&USB) flash simultaneously. Panda Wireless Express Router restarts with the following default factory settings:

- The network type reverts to DHCP.
- The network name reverts to Panda!\_xxxxxx (xxxxxx is the last six letters of the MAC address).
- The password of the Panda Wireless Express Router reverts to 12345678.
- The Login IP of product settings page reverts to 192.168.8.1.
- The Login account/password of product settings page reverts to admin.

