

SETUP GUIDE

READ FIRST

ATHENA-R2
HIGH POWER™ AC2600 WI-FI® ROUTER WITH MU-MIMO

GOT QUESTIONS?

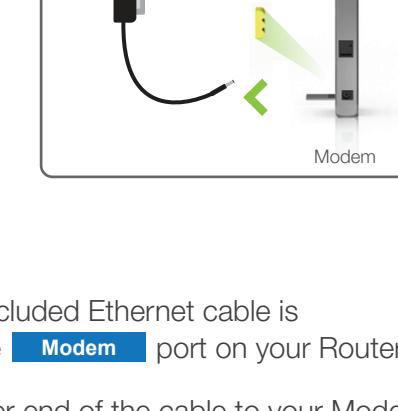
Phone: 888-573-8820 or 909-217-3168
Email: techsupport@ampedwireless.com
Web: www.ampedwireless.com/support

RTA2600-R2

Watch the Installation Video here: <http://support.ampedwireless.com/rt2600-r2>

1 Disconnect & Power Off your Existing Router (if available)

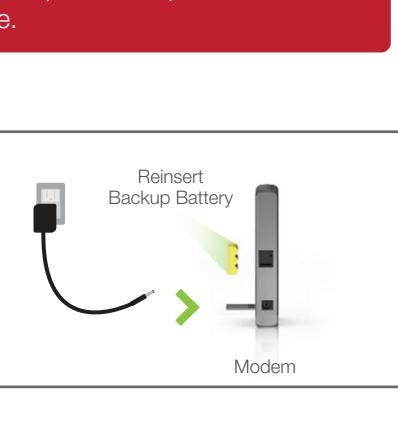
Disconnect your existing router from your computer, your broadband modem, and a power outlet. If you do not have an existing router please continue to Step 2.



2 Power Off your Modem

Power off the modem by disconnecting the modem's power adapter from the power outlet. If your modem has a backup battery, remove the backup battery from your modem.

Do NOT power on your modem until Step 4.

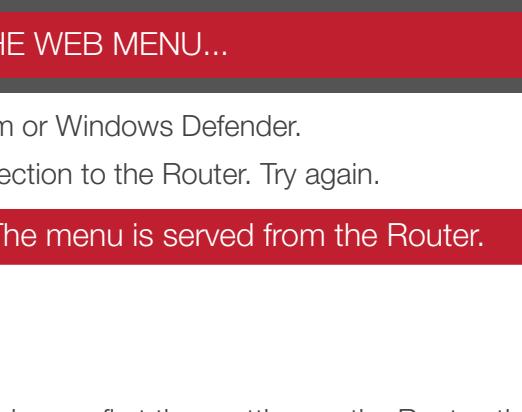


3 Connect the Router to your Modem



- a Make sure the included Ethernet cable is connected to the **Modem** port on your Router.
- b Connect the other end of the cable to your Modem.

Do NOT connect the power adapter to the Router at this time.

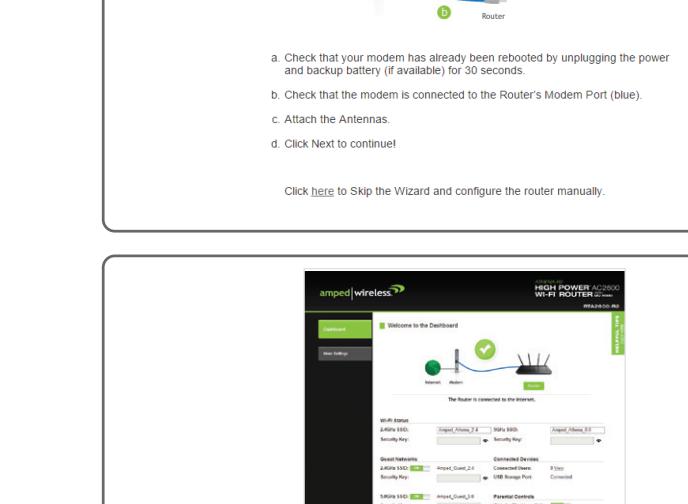


4 Power On your Modem

Plug in the power adapter and reinsert the backup battery (if available) to power on the modem.

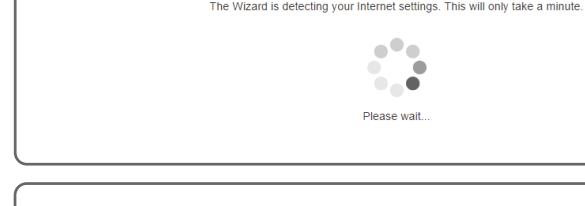
Allow a minute or two for the modem to initiate.

5 Attach Antennas, Power On & Connect to your Computer



- a Attach the antennas to the antenna connectors on the Router.
- b Attach the Power Adapter to the Router's **PWR** port and a power outlet.
- c Connect to the Router's Wi-Fi network: **Amped_Athena_5.0** or **Amped_Athena_2.4** Security key: **wireless** (see back for detailed instructions) - or - Connect an Ethernet cable between your PC and a green wired port on the back of the Router.

6 Open your Web Browser



Enter the setup web address into your browser:

<http://setup.ampedwireless.com>If the URL fails to open, then try: <http://192.168.3.1>

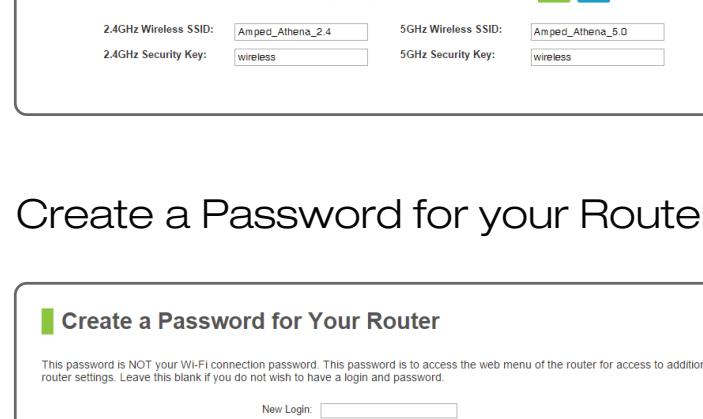
IF YOU HAVE PROBLEMS ACCESSING THE WEB MENU...

Disable third-party firewalls such as Norton, ZoneAlarm or Windows Defender.

Disconnect from all wireless networks and use a wired connection to the Router. Try again.

Accessing the setup menu does not require Internet access. The menu is served from the Router.

7 Welcome to the Setup Wizard



If this is your first time setting up the Router, the Setup Wizard should automatically load.

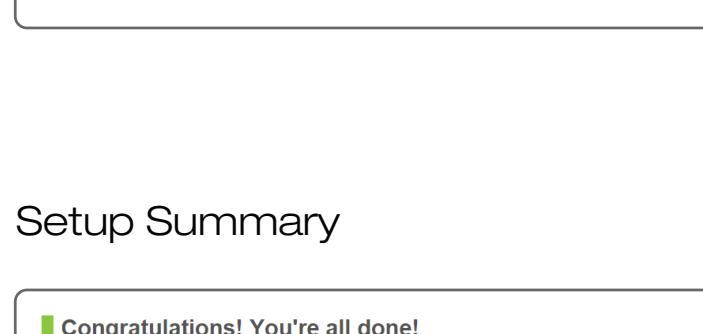
Double check that the modem is connected to the Router's Modem port.

Check that your antennas are all attached firmly to the antenna connectors.

Click **Next** to continue.

If the Dashboard loads, scroll to the bottom and click the **Setup Wizard** button to access the wizard.

If you wish to manually configure your Router you can also choose to skip the Setup Wizard.



8 Internet Connection Detection

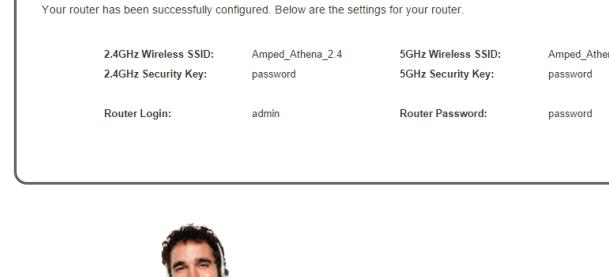


The default ID of your 5GHz Wi-Fi network and 2.4GHz Wi-Fi network is: **Amped_Athena_5.0** or **Amped_Athena_2.4**. To change it, enter a new name in the SSID field. Users connecting wirelessly to the Router will use these IDs to identify your Wi-Fi networks.

The default Security Key of your Wi-Fi networks is: **wireless**. To change them, enter a new key for both the 5GHz and 2.4GHz Wi-Fi networks in the Security Key field. The keys must be at least 8 characters long.

This password is NOT your Wi-Fi connection password. This password is to access the web menu of the Router to access additional router settings. Leave this blank if you do not wish to have a password.

Click **Apply** to save your settings. The Router will reboot. This process may take up to 1 minute. The page will automatically reload after the countdown. If it does not, you may need to refresh the page or check your connection to the Router.



9 Personalize your Wi-Fi Settings



The wizard will notify you if there is a newer firmware for the router. We recommend that you upgrade your router at this time if an update is available.



? GOT QUESTIONS?

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10 Setup Summary



Once you have completed the Setup Wizard, you will now see the Dashboard when you access <http://setup.ampedwireless.com>. You will not see the Setup Wizard again. Through the Dashboard you can further adjust settings and access the features of the Router. Here you will find features like Guest Networks, User Access Controls, Wi-Fi Coverage Controls, Parental Controls and many other features.

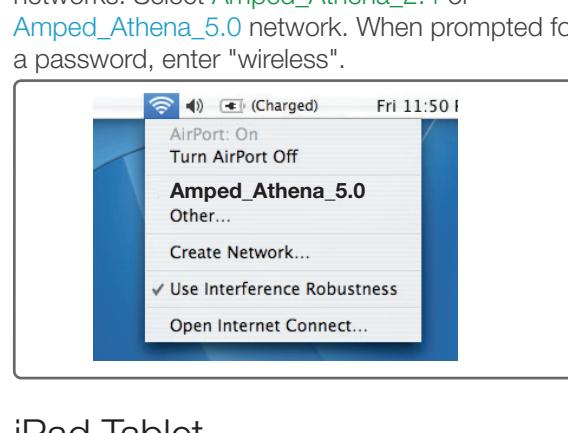
v060716

How to Connect Wirelessly to the Router

Connecting to the 5GHz network requires that you have a 5GHz capable network adapter.

Windows 10

Access the taskbar on the bottom right of your screen, tap on the Wi-Fi icon, enable Wi-Fi, and select [Amped_Athena_2.4](#) or [Amped_Athena_5.0](#). When prompted for a password, enter "wireless".



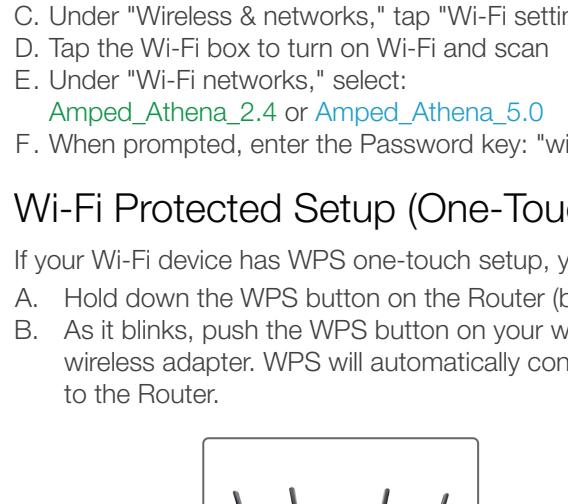
Windows 8

Swipe in from the right edge to access the charms bar, tap on Settings, select the Wi-Fi icon, and select [Amped_Athena_2.4](#) or [Amped_Athena_5.0](#). When prompted for a password, enter "wireless".



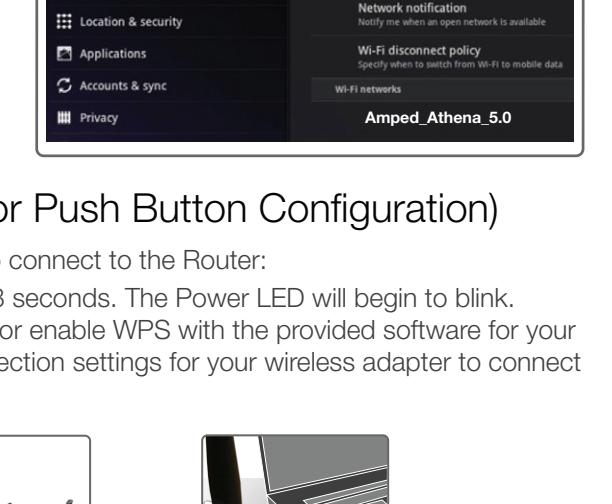
Mac OS X

Click on the Wireless icon to see available wireless networks. Select [Amped_Athena_2.4](#) or [Amped_Athena_5.0](#) network. When prompted for a password, enter "wireless".



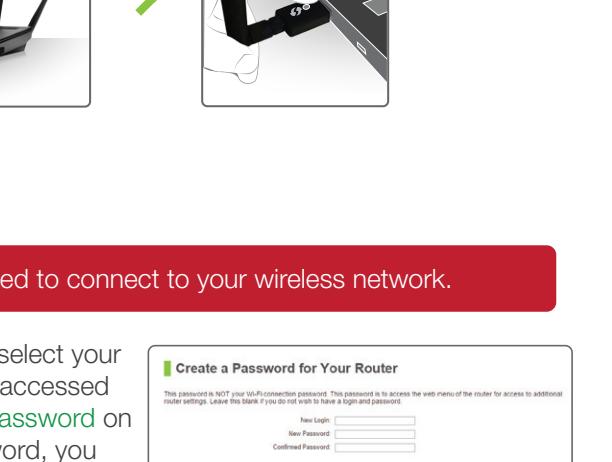
iPhone

Tap on your Settings icon, select Wi-Fi, and choose the network, [Amped_Athena_2.4](#) or [Amped_Athena_5.0](#). When prompted for a password, enter "wireless".



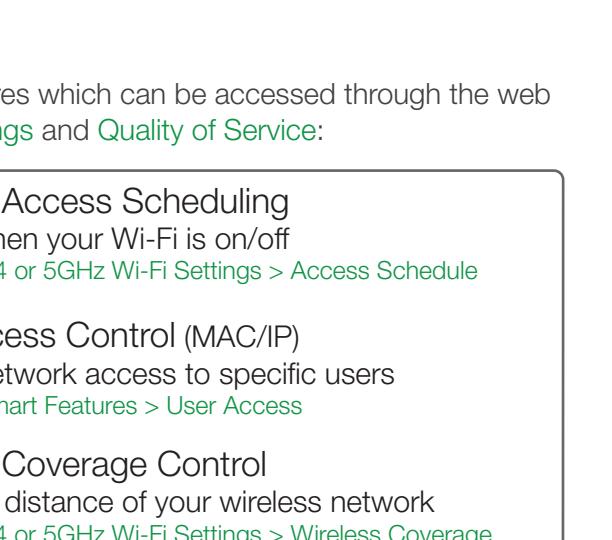
iPad Tablet

- Tap the "Home" button to get to the home page
- Tap the "Settings" app icon
- Tap on Wi-Fi to enter the iPad's Wi-Fi settings
- Toggle the Wi-Fi "On/Off" selector switch to "On"
- Under "Choose a Network," select: [Amped_Athena_2.4](#) or [Amped_Athena_5.0](#)
- When prompted, enter the wireless security key: "wireless"



Android Tablet

- Tap the "Apps" menu on the tablet screen
- Locate and tap the "Settings" app icon
- Under "Wireless & networks," tap "Wi-Fi settings"
- Tap the Wi-Fi box to turn on Wi-Fi and scan
- Under "Wi-Fi networks," select: [Amped_Athena_2.4](#) or [Amped_Athena_5.0](#)
- When prompted, enter the Password key: "wireless"



Wi-Fi Protected Setup (One-Touch Setup or Push Button Configuration)

If your Wi-Fi device has WPS one-touch setup, you can use it to connect to the Router:

- Hold down the WPS button on the Router (back panel) for 3 seconds. The Power LED will begin to blink.
- As it blinks, push the WPS button on your wireless adapter or enable WPS with the provided software for your wireless adapter. WPS will automatically configure the connection settings for your wireless adapter to connect to the Router.



Setting a Login & Password

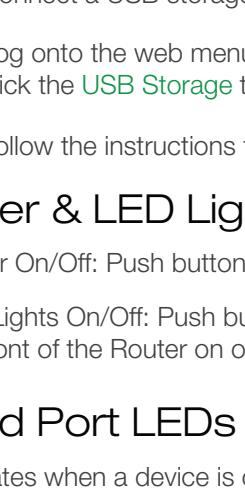
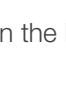
This login/password is NOT the wireless network key used to connect to your wireless network.

It is strongly recommended that you change these settings and select your own personal login and password. The Password menu can be accessed through the web menu under [More Settings > Management > Password](#) on the left side of the web menu. If you forget your login and password, you will need to reset the Router back to default settings. View the instructions below on how to reset your Router back to default settings.

Create a Password for Your Router
This password is NOT your Wi-Fi connection password. This password is to access the web menu of the router for access to additional router settings. Leave this blank if you do not wish to have a login and password.
New Password: <input type="password"/>
Confirmed Password: <input type="password"/>
BACK APPLY

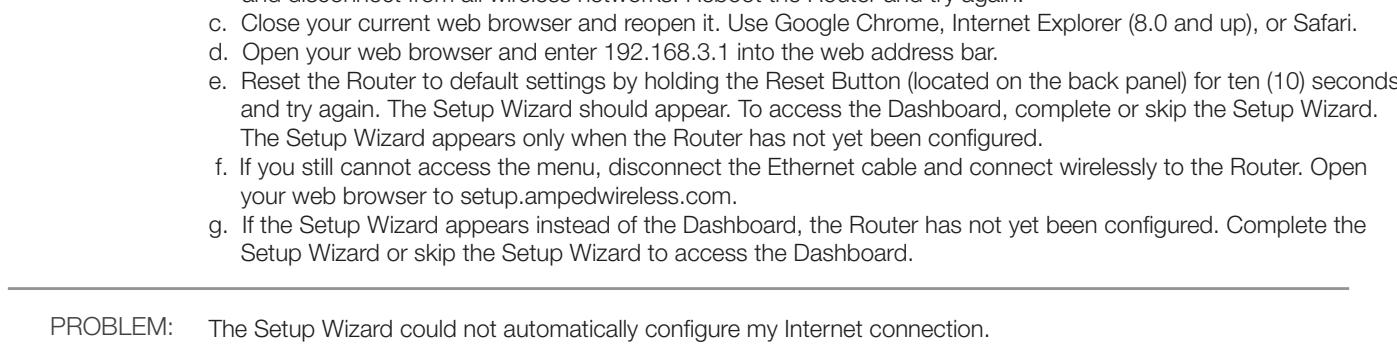
Using the Features on the Router

The Router is equipped with many powerful security features which can be accessed through the web menu on the left side under [Smart Features](#), [Firewall Settings](#) and [Quality of Service](#):

 Web Menu (Left Side)	Wireless Access Scheduling Control when your Wi-Fi is on/off Location: 2.4 or 5GHz Wi-Fi Settings > Access Schedule
	User Access Control (MAC/IP) Restrict network access to specific users Location: Smart Features > User Access
	Wireless Coverage Control Adjust the distance of your wireless network Location: 2.4 or 5GHz Wi-Fi Settings > Wireless Coverage
	Block Websites Prevent access to specific websites Location: Smart Features > Block Websites
	Firewall Settings Protect your network from outside intruders Location: Firewall Settings
	Quality of Service (Prioritize Bandwidth) Manage your network bandwidth Location: Quality of Service

If you are unfamiliar or want more information on how to set up Smart Features, Firewall Settings, or Quality of Service, please refer to the User's Guide at <http://support.ampedwireless.com/rt2600-r2>

LED Indicator Information



Additional Router Features

a. Reset the Router to Default Settings

There are two options to reset the Router back to factory default settings:

- Access the Reset button through the [More Settings > Management > Save/Reload Settings](#). Select the [Reset Settings to Default](#).

- Access the physical Reset button on the back panel of the Router. Hold down the Reset button for five to ten (5-10) seconds. You may need to use a pen tip or pin to access the button. Pressing the Reset button for less than five (5) seconds will simply reboot the Router while saving your existing settings.

b. Share USB Storage Devices

- Connect a USB storage device to the USB 2.0 and/or the USB 3.0 port.

- Log onto the web menu at <http://setup.ampedwireless.com> and click the [USB Storage](#) tab.

- Follow the instructions for sharing the settings to share the USB storage device.

c. Power & LED Lights On/Off

- Power On/Off: Push button to quickly turn the Router on or off.

- LED Lights On/Off: Push button to turn the LED indicators on or off.

d. Wired Port LEDs

- Indicate when a device is connected to a wired port (modem or local network) and the front of the Router on or off.

- the back of the Router on or off. The green LEDs display when there is an active gigabit connection.

e. Troubleshooting Tips

PROBLEM: I entered <http://setup.ampedwireless.com> and it failed to open the Web Menu.

SOLUTION: a. Make sure your computer is connected to the Router using the included Ethernet cable.

b. Check that your computer IS NOT connected to any wireless networks. If it is, disable your Wi-Fi connection and disconnect from all wireless networks. Reboot the Router and try again.

c. Close your current web browser and re-open it. Use Google Chrome, Internet Explorer (8.0 and up), or Safari.

d. Open your web browser and enter 192.168.3.1 into the web address bar.

e. Reset the Router to default settings by holding the Reset button (located on the back panel) for ten (10) seconds and try again. The Setup Wizard should appear only when the Router has not yet been configured.

f. If the Setup Wizard appears only when the Router has not yet been configured, disconnect the Router from the Internet cable and connect wirelessly to the Router. Open your web browser and enter <http://setup.ampedwireless.com>.

g. If you still cannot access <http://setup.ampedwireless.com>, the Router has not yet been configured. Complete the Setup Wizard or skip the Setup Wizard to access the Dashboard.

PROBLEM: The Setup Wizard could not automatically configure my Internet connection.

SOLUTION: a. Reset your modem by holding down the Reset button located on the back of the modem for approximately ten (10) seconds. Try again.

b. Reboot the Router by unplugging the power adapter and plugging it back in.

c. DSL Connection: Your Internet connection may require a static IP setting. Check with your ISP to obtain the IP settings.

d. Cable Modem: Your Internet connection may require a dynamic IP setting. Obtain your IP address information from your ISP.

e. If your Internet connection is dynamic, go to [More Settings > Internet](#) and select [Automatic/Dynamic \(DHCP\)](#) from the dropdown menu.

f. If your Internet connection is static, go to [More Settings > Internet](#) and select [Static IP](#) from the dropdown menu. Enter the static IP settings.

g. If your Internet connection is PPPoE, go to [More Settings > PPPoE](#) and select [Static IP](#) from the dropdown menu. Enter the static IP settings.

h. If your Internet connection is PPPoE, go to [More Settings > PPPoE](#) and select [Dynamic IP](#) from the dropdown menu. Enter the dynamic IP settings.

i. If your Internet connection is PPPoE, go to [More Settings > PPPoE](#) and select [PPPoE](#) from the dropdown menu. Enter the PPPoE settings.

j. If your Internet connection is PPPoE, go to [More Settings > PPPoE](#) and select [PPPoE](#) from the dropdown menu. Enter the PPPoE settings.

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