amped|wireless

SETUP GUIDE

READ FIRST

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

RTA2600-R2

▶ Watch the Installation Video here: http://support.ampedwireless.com/rta2600-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.
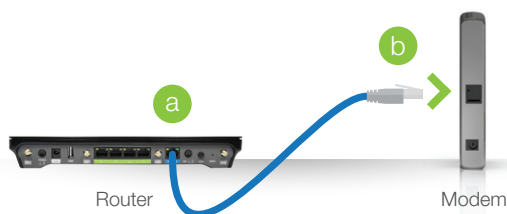
Modem   Existing Router
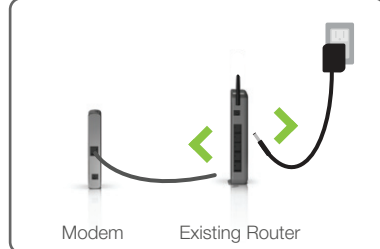
2   Power Off your Modem

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.

Remove Backup Battery
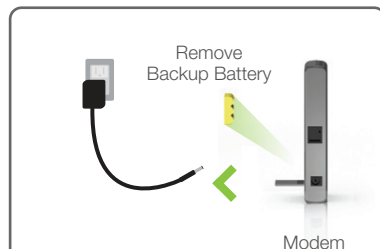
Modem

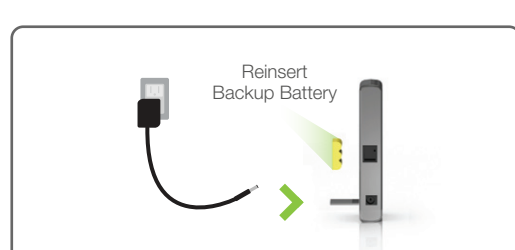## 3   Connect the Router to your Modem

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.

Router   Modem

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.

Reinsert Backup Battery

Modem

5   Attach Antennas, Power On & Connect to your Computer

- or -

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
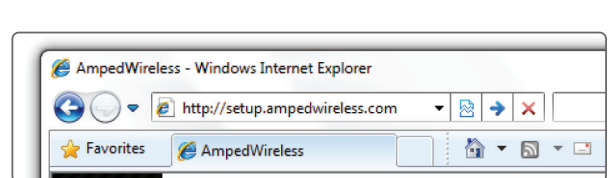
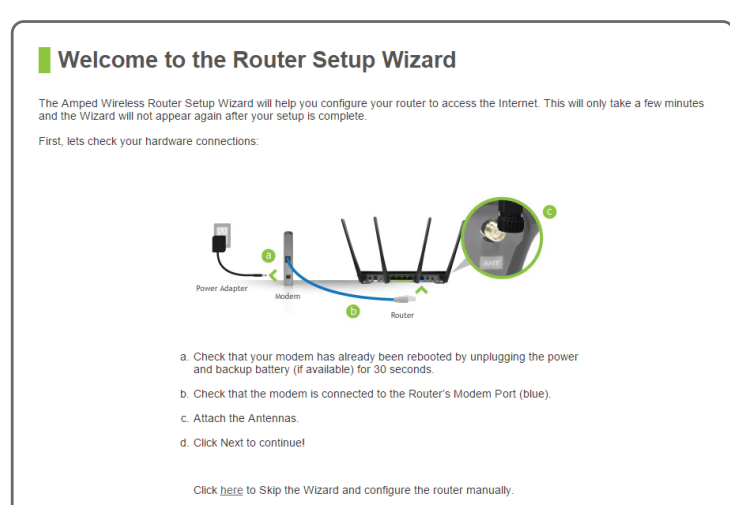Enter the setup web address into your browser:

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

Welcome to the Router Setup Wizard

The Amped Wireless Router Setup Wizard will help you configure your router to access the Internet. This will only take a few minutes and the Wizard will not appear again after your setup is complete.

First, lets check your hardware connections:

a. Check that your modem has already been rebooted by unplugging the power and backup battery (if available) for 30 seconds.
b. Check that the modem is connected to the Router's Modem Port (blue).
c. Attach the Antennas.
d. Click Next to continue.

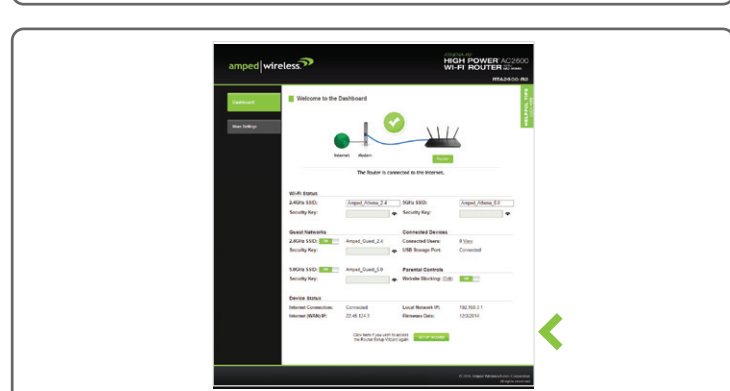Click here to Skip the Wizard and configure the router manually

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.

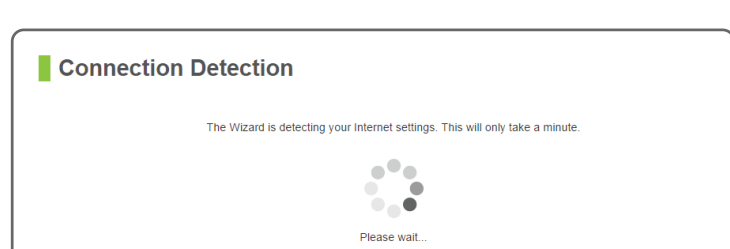Check that your antennas are all attached firmly to the antenna connectors.

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

Connection Detection

The Wizard is detecting your Internet settings. This will only take a minute.

Please wait...

The Wizard will try to detect your Internet settings and configure the Router. Please be patient.

If there is a problem with your Internet connection or if your Internet provider requires that you log in before accessing the Internet, a prompt will appear notifying you of the issue.

Successfully Connected to the Internet

The Wizard has successfully configured your internet connection.

Internet   Modem
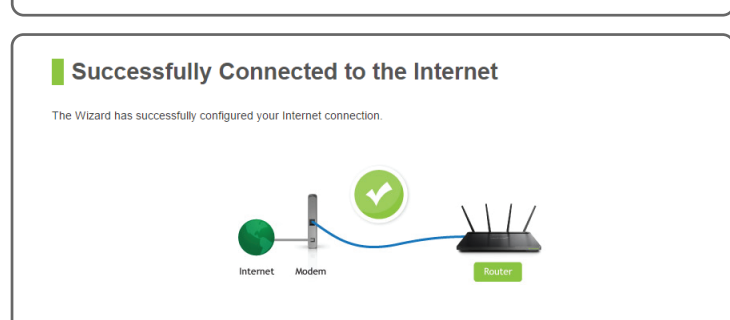
Once your Wizard has configured your Internet settings you should see a green check mark. Click Next to continue.

9   Personalize your Wi-Fi Settings

Personalize Your Wi-Fi Settings

Configure the Settings for your Wi-Fi connections.

2.4GHz Wireless SSID: Amped_Athena_2.4	5GHz Wireless SSID: Amped_Athena_5.0
2.4GHz Security Key: wireless	5GHz Security Key: wireless

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.
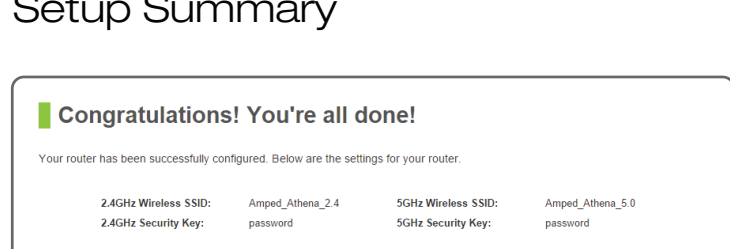
Create a Password for your Router
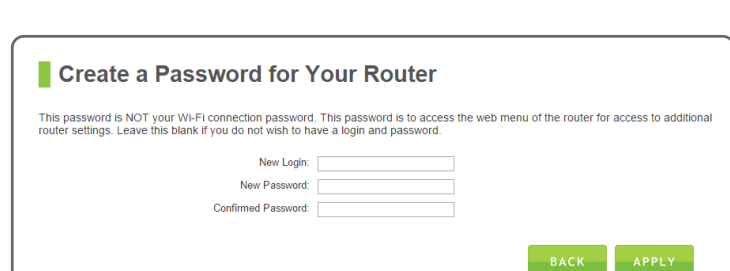
Create a Password for Your Router

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 Login
New Password
Confirmed Password

BACK   APPLY

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 manually or check your connection to the Router.

10   Setup Summary

Congratulations! You're all done!

Your router has been successfully configured. Below are the settings for your router.

|			
2.4GHz Wireless SSID:	Amped_Athena_2.4	5GHz Wireless SSID:	Amped_Athena_5.0
2.4GHz Security Key:	password	5GHz Security Key:	password
Router Login:	admin	Router Password:	password

Congratulations, the Router is now successfully configured and your settings are now saved. You may now connect additional devices directly to the 4 wired ports on the back panel or connect wirelessly to the Router.

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.

ELITE SUPPORT BY AMPED CONCIERGES

FREE U.S. BASED TECHNICAL SUPPORT
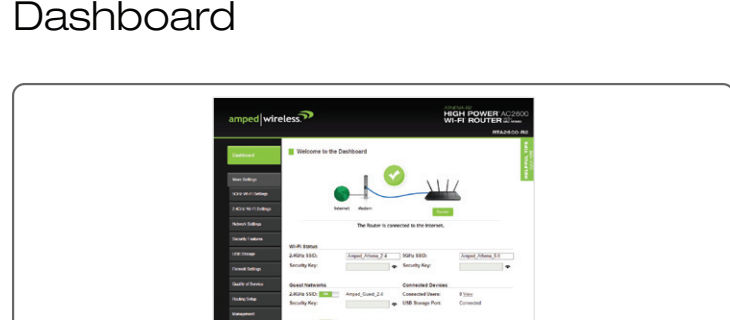
Dashboard

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.

v060316

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".
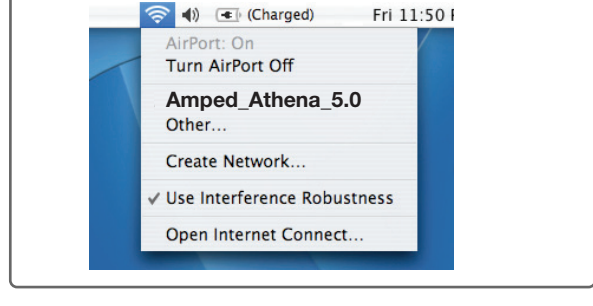
Windows 8
Swipe in from the right edge to access the charms bar, tap on Settings, select the Wi-Fi icon, and select Amped_Athena_2.4 or Amped_Athena_5.0. When prompted for a password, enter "wireless".

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

Android Tablet
A. Tap the "Apps" menu on the tablet screen
B. Locate and tap the "Settings" app icon
C. Under "Wireless & networks," tap "Wi-Fi settings"
D. Tap the Wi-Fi box to turn on Wi-Fi and scan
E. Under "Wi-Fi networks," select:
   Amped_Athena_2.4 or Amped_Athena_5.0
F. When prompted, enter the Password key: "wireless"
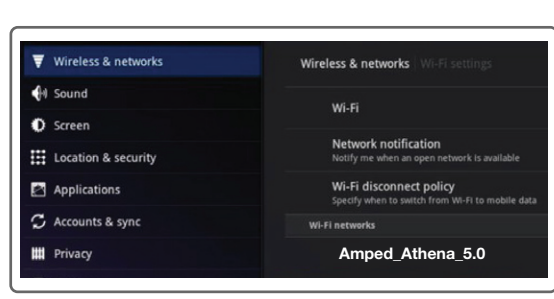
Wi-Fi Protected Setup (One-Touch Setup or Push Button Configuration)

If your Wi-Fi device has WPS one-touch setup, you can use it to connect to the Router:
A. Hold down the WPS button on the Router (back panel) for 3 seconds. The Power LED will begin to blink.
B. 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.

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)
- More Settings
- 5GHz Wi-Fi Settings
- 2.4GHz Wi-Fi Settings
- Network Settings
- Security Features
- USB Storage
- Firewall Settings
- Quality of Service
- Routing Setup
- Management

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/rta2600-r2

LED Indicator Information

Power:	Indicates when the Router is powered on. The LED will remain on.
WPS:	Blinks when Wi-Fi Protected Setup (WPS) is activated and the Router awaits a connection.
5.0GHz Wireless Activity:	Blinks rapidly when data traffic is transmitted or received over the 5GHz wireless network.
2.4GHz Wireless Activity:	Blinks rapidly when data traffic is transmitted or received over the 2.4GHz wireless network.
Internet Connection:	Indicates when the Router is connected to a broadband modem. The LED will blink rapidly when Internet traffic is transmitted or received.
USB Connection:	Indicates when a USB storage device is connected to the USB 2.0 and/or the USB 3.0 port.

Additional Router Features

USB 3.0 Storage Port
Power On/Off
USB 2.0 Storage Port
Wired Ports
LED Lights On/Off
Reset Button

a Reset the Router to Default Settings

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

1 Access the Reset button through the web menu on the left side under More Settings > Management > Save/Reload Settings. Select the Reset Settings to Default.

2 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

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

2 Log onto the web menu at http://setup.ampedwireless.com and click the USB Storage tab.

3 Follow the instructions for configuring the settings to share the USB storage device.
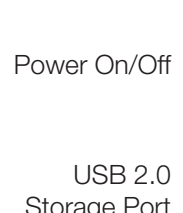
c Power & LED Lights On/Off

• 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 the front of the Router on or off.
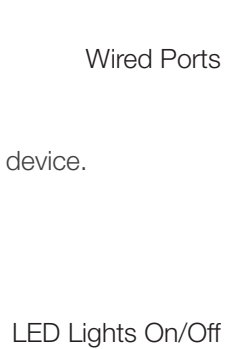
d Wired Port LEDs

• Indicates when a device is connected to a wired port (modem or local network) on the back of the Router. The LED will blink rapidly when wired data traffic is transmitted or received. The green LEDs display when there is an active gigabit connection.

Troubleshooting Tips

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

SOLUTIONS: a. Make sure your computer is connected to the Router using the included Ethernet cable. Ensure that the power on the Router is on.
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 reopen 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. To access the Dashboard, complete or skip the Setup Wizard. The Setup Wizard appears only when the Router has not yet been configured.
f. If you still cannot access the menu, disconnect the Ethernet cable and connect wirelessly to the Router. Open your web browser to setup.ampedwireless.com.
g. If the Setup Wizard appears instead of the Dashboard, 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. Static IP: Your Internet connection may require a static IP setting. Check with your ISP to obtain the IP settings.
d. DSL Connection: Your Internet connection may require login information. If you are using PPPoE mode, you will need to manually configure your Internet connection settings and obtain your username and password.
e. Cable Modem: Your Internet connection may require you to clone your MAC address. Go to More Settings > IP Settings > Internet Network (WAN) and select Automatic/Dynamic (DHCP) from the dropdown menu. Clone your PC's MAC address under the DNS settings.

If you continue to have issues setting up the Router, give us a call — we're here to help: 888-573-8820 or 909-217-3168
Visit our website for more support information and answers to frequently asked questions: www.ampedwireless.com/support