amped|wireless

SETUP GUIDE

READ FIRST

B1900RT
AC1900 WI-FI® ROUTER

▶ Watch the Installation Video here: http://support.ampedwireless.com/b1900rt

---

**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.
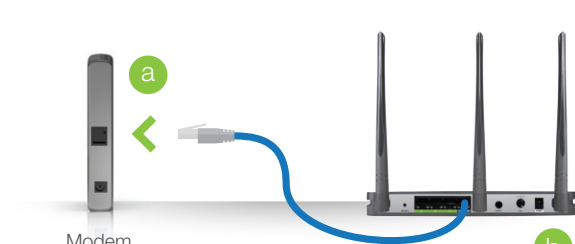
Modem   Existing Router

---
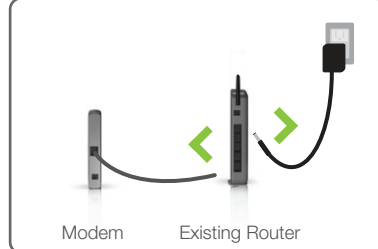
2 ### Power Off your Modem

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

---
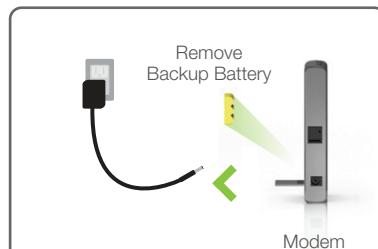
3 ### Connect the Router to your Modem

a Use the included Ethernet cable and connect one end of the cable to your modem.

b Connect the other end of the cable to the blue **Modem** port on the Router.

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

Modem   Router

---

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

---
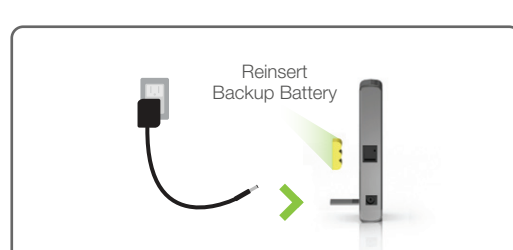
5 ### Power On & Connect to the Router

a Attach the Power Adapter to the Router's **PWR** port and a power outlet.

b Connect your tablet, smart phone or PC to the Router's Wi-Fi network: Amped_B1900RT 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.

- or -

---

6 ### Open your Web Browser

Amped Wireless   New Tab

http://setup.ampedwireless.com
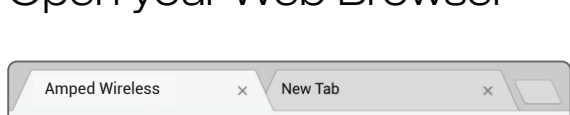
Recommended browsers: Google Chrome, Safari or Internet Explorer (8.0 and up). Do not use Firefox.

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

ACCESSING THE WEB MENU DOES NOT REQUIRE INTERNET ACCESS. THE MENU IS SERVED FROM THE ROUTER.

> If you have problems accessing the web menu...
> Disable third-party firewalls, such as North, ZoneAlarm, or Windows Defender.
> Disconnect from all wireless networks and use a wired connection to the Router. Try again.

---

7 ### Welcome to the Setup Wizard

amped|wireless

Welcome
to the B1900RT Setup.

Begin Setup

Skip & Manually Configure
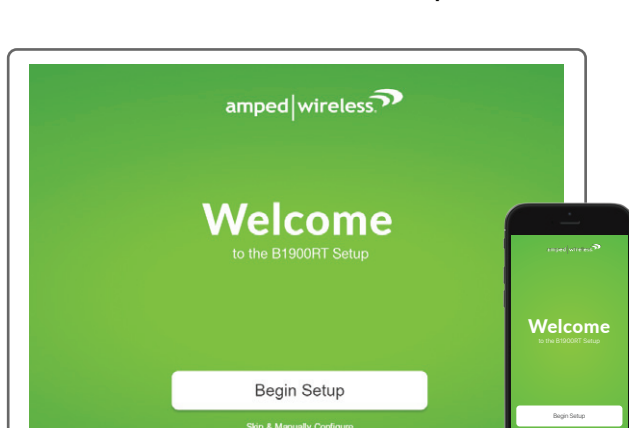
Setup screens for mobile devices will vary from desktop and tablet versions.

Welcome to the Router Setup Wizard

The Amped Wireless Router Setup Wizard will help you configure your Router to access the Internet. The set 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 Router's Modem Port (blue) is connected to the modem.
c. 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.

Click Begin Setup to continue.

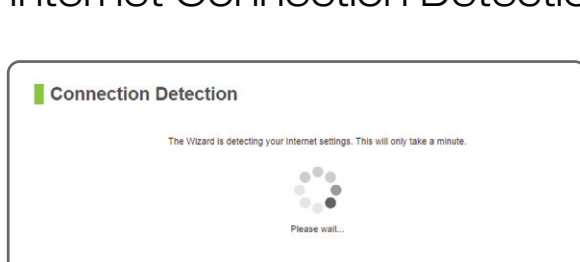If you wish to manually configure your Router, you can skip the Setup Wizard.

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

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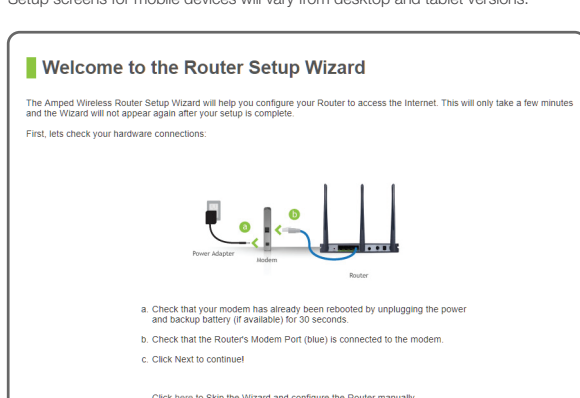
Double check that the modem is connected to the Router's Modem port.

Click Next to continue.

---

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
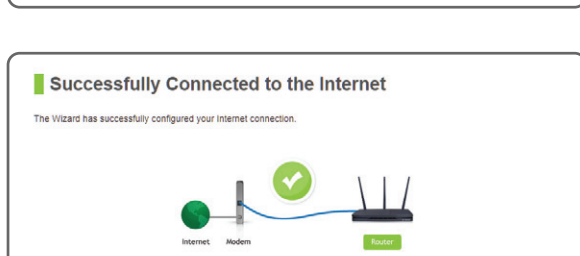
Once your Wizard has configured your Internet settings, you should see a green check mark.

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_B1900RT_2.4   5GHz Wireless SSID: Amped_B1900RT_5.0
2.4GHz Security Key: 5GHz Security Key:

NEXT

The default IDs of your 5GHz and 2.4GHz Wi-Fi networks are: Amped_B1900RT_5.0 and Amped_B1900RT_2.4

Enter a new name in the SSID fields. 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

Enter a new key for both the 5GHz and 2.4GHz Wi-Fi networks in the Security Key fields. The keys must be at least 8 characters long.
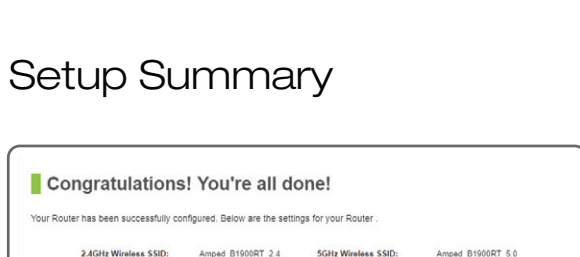
Create a Password for your Router
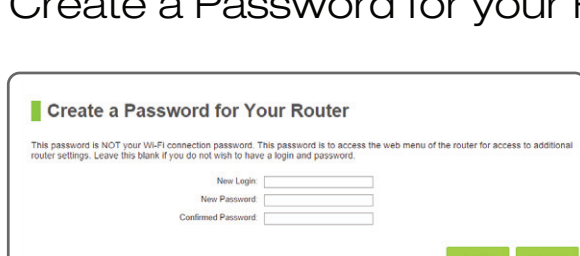
Create a Password for Your Router

This password is NOT your Wi-Fi connection password. This password is to access the web menu of the router to access additional router settings. Leave this blank if you do not wish to have a login and 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 settings. Leave this blank if you do not wish to have a password. However, we recommend creating a password at this time for security purposes.

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_B1900RT_2.4   5GHz Wireless SSID: Amped_B1900RT_5.0
2.4GHz Security Key: wireless   5GHz Security Key: wireless

Router Login: admin   Router Password: password

Congratulations, the Router is now successfully config-ured and your settings are now saved. You may now connect additional devices directly to the 3 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 TECHNICAL SUPPORT
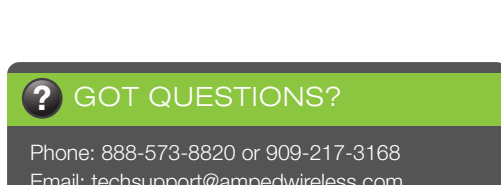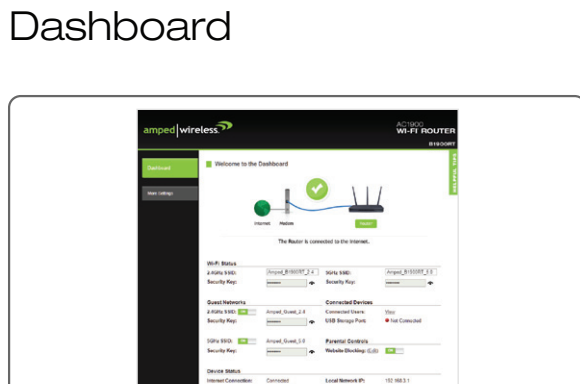
Dashboard

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.

How to Connect Wirelessly to the Router

Windows 10

Access the taskbar on the bottom right of your screen, tap on the Wi-Fi icon, enable Wi-Fi, and select Amped_B1900RT_5.0 or Amped_B1900RT_2.4.
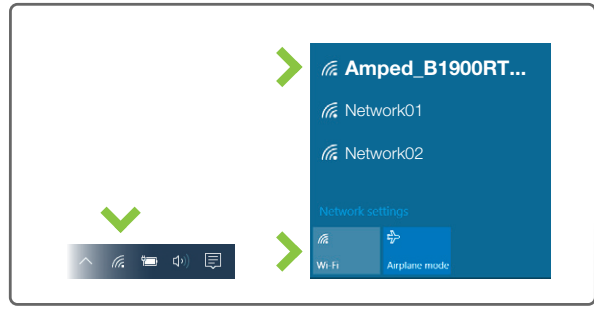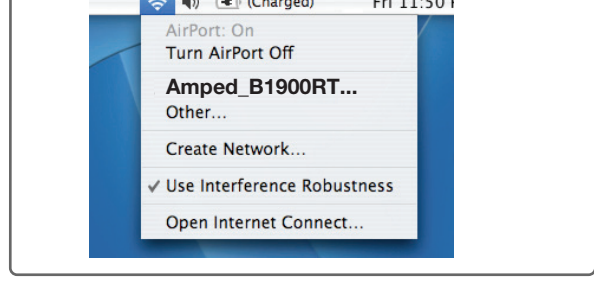
Windows 8

Swipe in from the right edge to access the charms bar, tap on Settings, select the Wi-Fi icon, and select Amped_B1900RT_5.0 or Amped_B1900RT_2.4.

Mac OS X

Click on the Wireless icon to see available wireless networks. Select Amped_B1900RT_5.0 or Amped_B1900RT_2.4.

iPhone

Tap on your Settings icon, select Wi-Fi, and choose the network, Amped_B1900RT_5.0 or Amped_B1900RT_2.4.

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_B1900RT_5.0 or Amped_B1900RT_2.4

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_B1900RT_5.0 or Amped_B1900RT_2.4
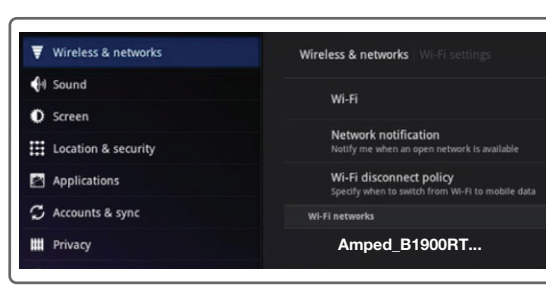
Wi-Fi Protected Setup (One-Touch Setup or Push Button Configuration)

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.

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 ①
5GHz Wi-Fi Settings ②
2.4GHz Wi-Fi Settings
Band Steering
Network Settings
Security Features
USB Storage
Firewall Settings
Quality of Service
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/b1900rt

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.
Internet Connection:	Indicates when the Router is connected to a broadband modem. The LED will light up when Internet traffic is transmitted or received.
5GHz Wireless Activity:	The LED will light up when data traffic is transmitted or received over the 5GHz wireless network.
2.4GHz Wireless Activity:	The LED will light up when data traffic is transmitted or received over the 2.4GHz wireless network.
Wired Port Activity:	The LED will light up when data is being transmitted or received through the wired ports.

Additional Router Features

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.

Reset Button a
Wired Ports b
LED Lights On/Off c

b. 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 light up when wired data traffic is transmitted or received. The green LEDs display when there is an active gigabit connection.

c. LED Lights On/Off

• Push button to turn the LED indicators on the front of the Router on or off.

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.

SOLUTIONS:
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