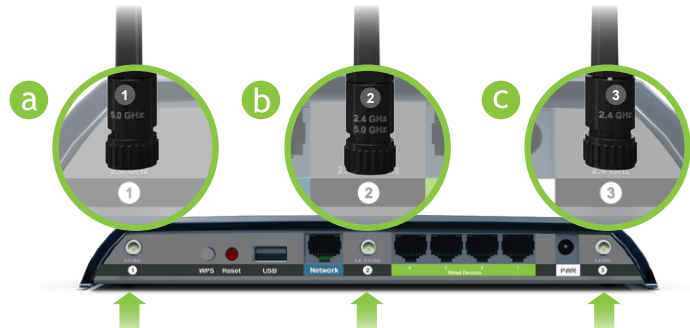




High Power 700mW Dual Band AC Wi-Fi Access Point

APA20

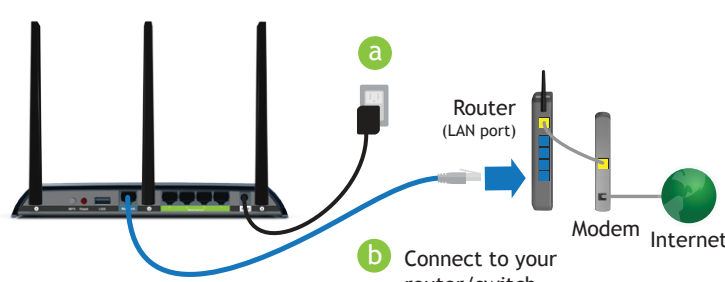
1 Attach the Antennas to their Specific Connectors on the Access Point



Attach the three included Antennas to their corresponding numbers:

- a** Antenna 1 (5.0GHz only) to Antenna Port 1
- b** Antenna 2 (2.4 and 5.0GHz) to Antenna Port 2
- c** Antenna 3 (2.4GHz only) to Antenna Port 3

2 Connect the Access Point to your Router/Network



- a** Plug in the Power Adapter
- b** Connect the Access Point to your Router's **Network** (LAN) port, or a network switch
- ⌚ Allow up to three (3) minutes for the Access Point to automatically configure itself to your network

3 Connect your Computer to the Access Point

Wireless Connections:

Scan for available wireless networks on your PC or tablet and connect to one of the following networks:



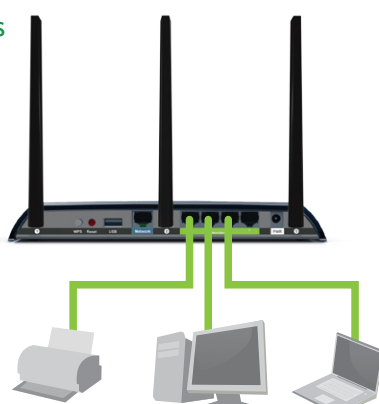
NETWORK ID: Amped_APA20_2.4
PASSWORD: wireless

- or -

NETWORK ID: Amped_APA20_5.0
PASSWORD: wireless

Wired Connections:

Attach any **Wired Devices** to the Access Point using an Ethernet cable.



Congratulations, you're done!



The instructions below are optional. You may now use your Access Point without any additional configurations. However, if you wish to change any settings (such as network ID and security) for the Access Point, follow the instructions below to access the configuration menu of the Access Point.

Note: If your network uses static IP address assignments, you will need to manually configure the settings for your Access Point. See the instructions on the back to access the configuration menu of the Access Point.

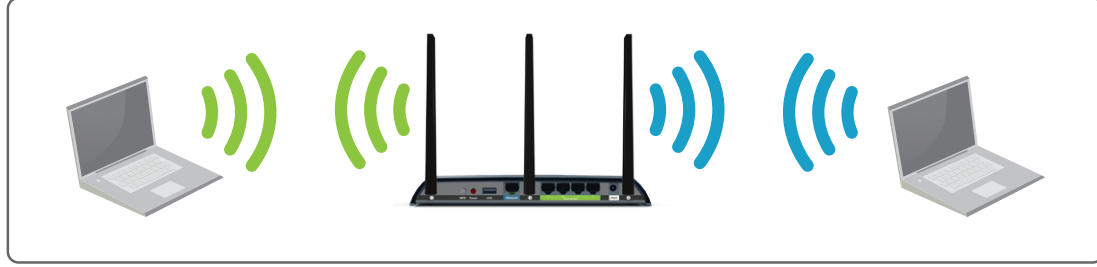
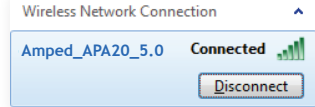
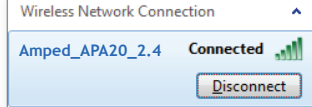
1 Optional Configurations: Accessing the Dashboard / Web Menu

Connect to the Access Point using a network cable or scan for available wireless networks on your PC or tablet and connect to:

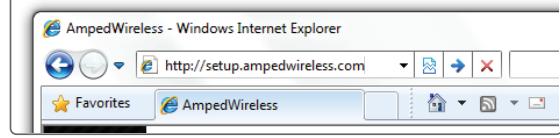
NETWORK ID: Amped_APA20_2.4
PASSWORD: wireless

- or -

NETWORK ID: Amped_APA20_5.0
PASSWORD: wireless



2 Open your Web Browser



Enter the setup web address into your browser:

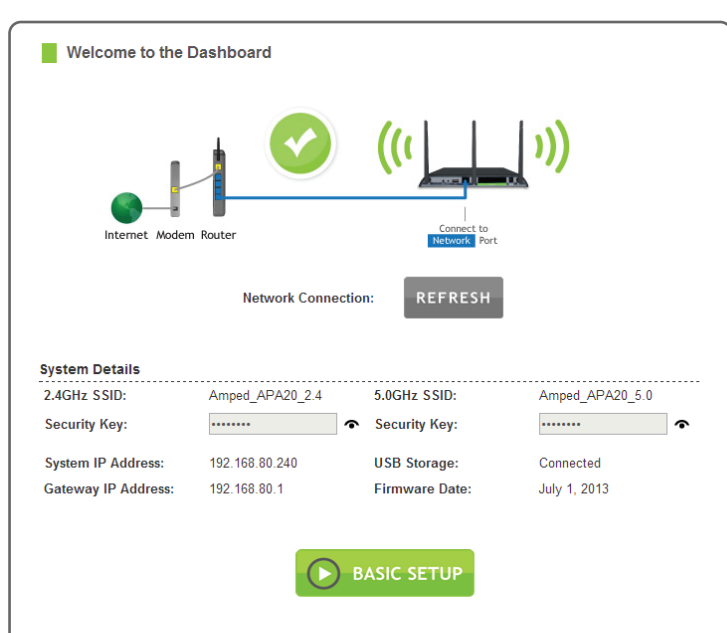
http://setup.ampedwireless.com

If the URL fails to open try: <http://192.168.80.240>

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

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

3 Welcome to the Dashboard

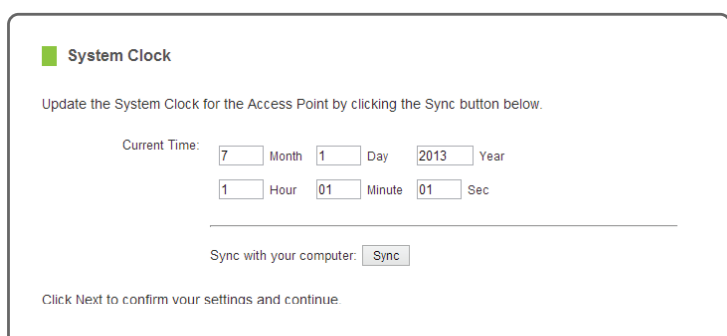


The Dashboard provides you with a quick glance at your system status.

Click on **Basic Setup** to configure:

- 1 System Clock
- 2 Wireless Network SSID
- 3 Wireless Network Security Key

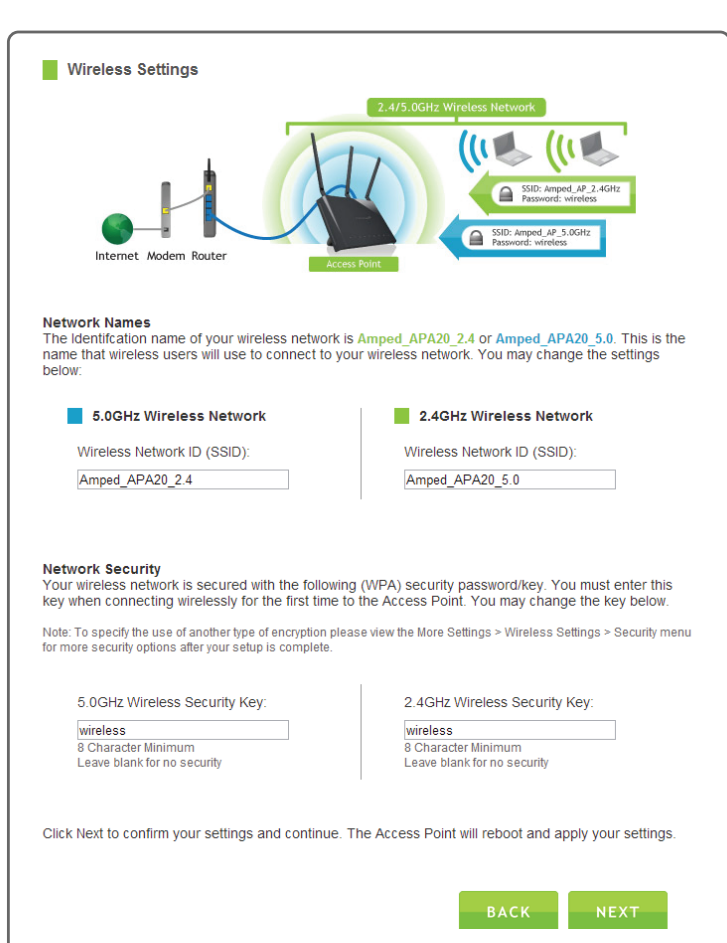
4 Set the System Clock Time



The System Clock is used for system logs and setting schedules for Internet access. Click **Sync** to synchronize the System Clock with the time on your computer.

Click **Next** to continue.

5 Configure your Wireless Settings



The Access Point creates two Wi-Fi networks: a 2.4GHz Wi-Fi network and a 5.0GHz Wi-Fi network.

The IDs of your Wi-Fi networks are: **Amped_APA20_2.4** and **Amped_APA20_5.0**

To change them, enter a new name in the SSID field. Users connecting wirelessly to the Access Point will use this ID to identify their Wi-Fi network.

The default Security Key (WPA/WPA2 Mixed Mode) for both (2.4GHz and 5.0GHz) networks is: **wireless**

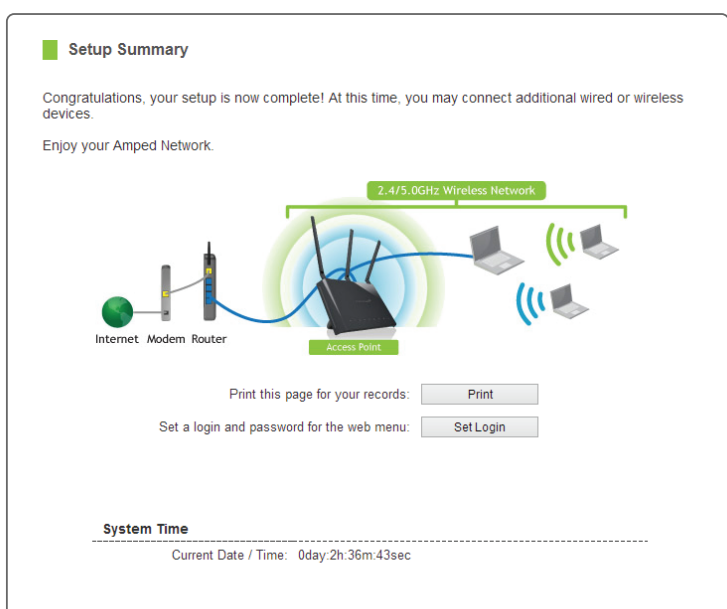
To change it, enter a new key in the Security Key field. The key must be at least 8 characters long.

Click **Next** to apply your settings. The Access Point will reboot.

The web menu will now apply your settings. This process may take up to 90 seconds. Do not refresh the web page. The page will automatically reload with the summary.

If you are connected wirelessly to the Access Point, you will need to reconnect after the Access Point reboots.

7 Setup Summary



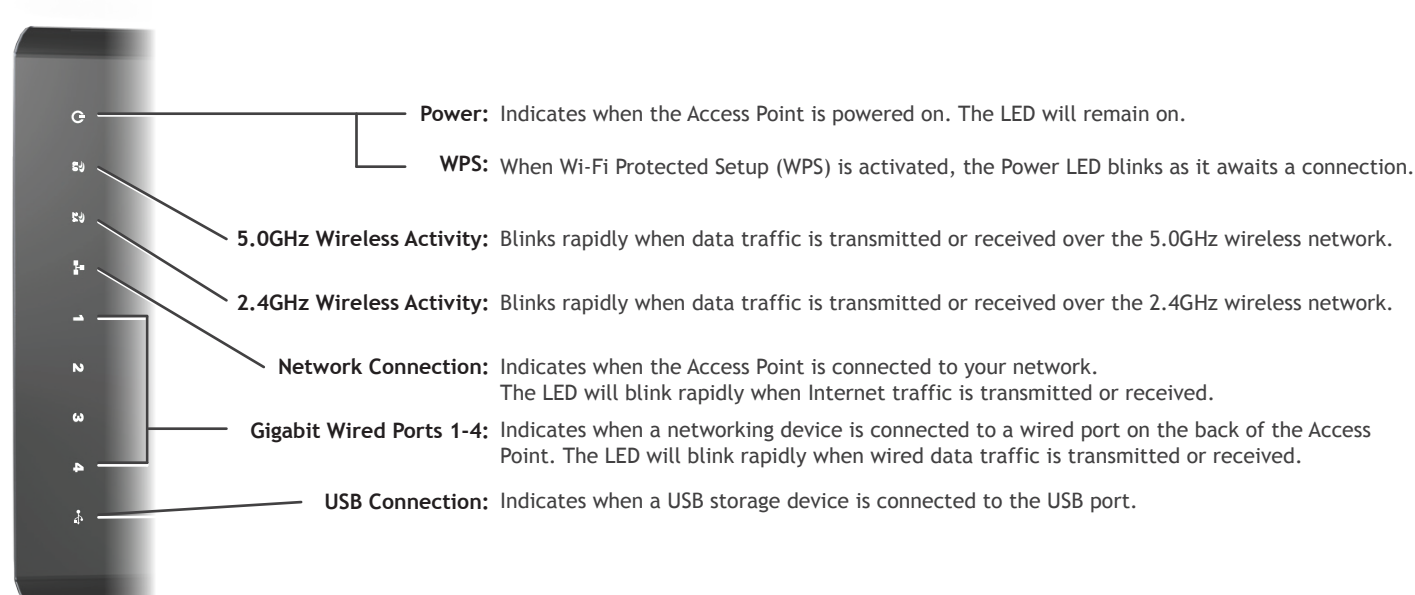
The Setup Summary provides you with information regarding your current settings.

If you have additional wired or wireless devices you may connect them at this time.

If you experience any problems during this process, please contact Amped Wireless Elite Support:

Phone: **888-573-8820**
Email: techsupport@ampedwireless.com
Web: www.ampedwireless.com/support

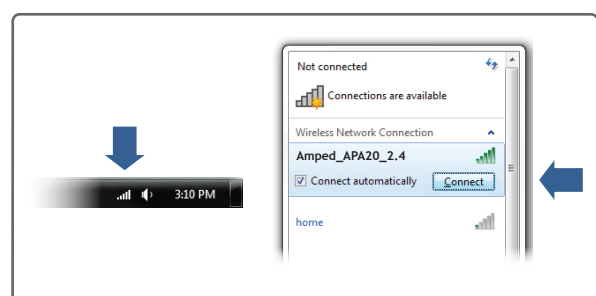
LED Indicator Information



How to Connect Wirelessly to the Access Point

Windows 7 and Vista

Click on the Wireless icon to see available wireless networks (For Vista, click Start > Connect To). Select "**Amped_APA20_2.4**" or "**Amped_APA20_5.0**" network and click Connect. When prompted for a password, enter "wireless".



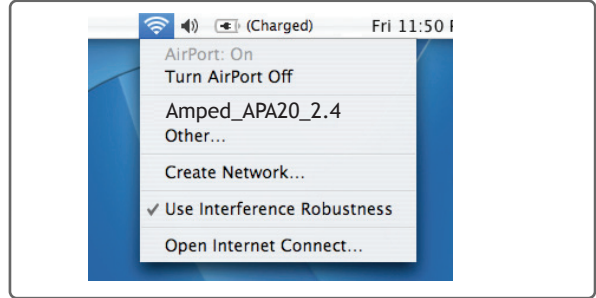
Windows 8

Swipe in from the right edge to access the charms bar, tap on Settings, select the Wi-Fi icon, and select "**Amped_APA20_2.4**" or "**Amped_APA20_5.0**". When prompted for a password, enter "wireless".



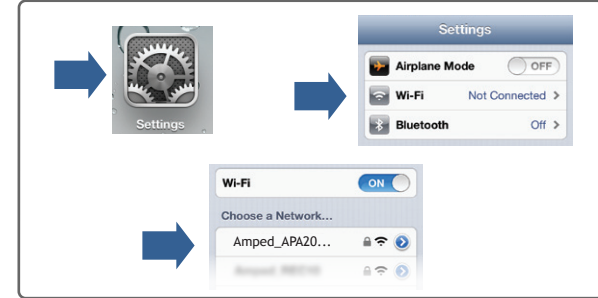
Mac OS X

Click on the Wireless icon to see available wireless networks. Select "**Amped_APA20_2.4**" or "**Amped_APA20_5.0**" network. When prompted for a password, enter "wireless".



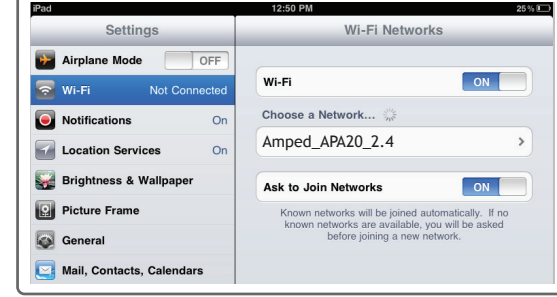
iPhone

Tap on your Settings icon, select Wi-Fi, and choose the network, "**Amped_APA20_2.4**" or "**Amped_APA20_5.0**". When prompted for a password, enter "wireless".



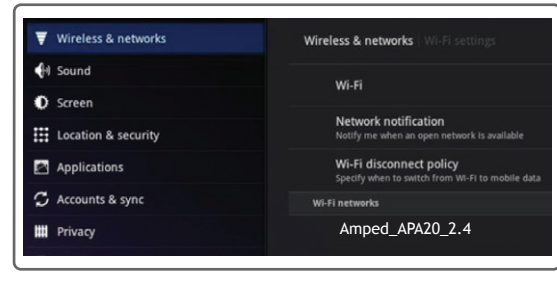
iPad Tablet

- 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_APA20_2.4**" or "**Amped_APA20_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_APA20_2.4**" or "**Amped_APA20_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 Access Point:

- Hold down the WPS button on the Access Point (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 Access Point.



Using the Features on the Access Point

The Access Point is equipped with many powerful security features which can be accessed through the web menu:

Web Menu (Left Side)

Wireless Access Scheduling
Control when your Wi-Fi is on/off
Menu Location: **2.4 or 5.0GHz Wi-Fi Settings > Access Schedule**

User Access Control
Restrict network access to specific users
Menu Location: **2.4 or 5.0GHz Wi-Fi Settings > User Access**

Wireless Coverage Control
Adjust the distance of your wireless network
Menu Location: **2.4 or 5.0GHz Wi-Fi Settings > Wireless Coverage**

If you are unfamiliar or want more information on how to set up features, please refer to the User's Manual on the included CD.

Setting a Static/Manual IP for your Access Point

If your network uses Static IP settings, you will need to set a static IP address for your Access Point. To do this, access the **More Settings > Network Settings** menu from the navigation menu and select **Disabled / Static IP** from the DHCP drop down menu. Next enter the IP information as it relates to your network. Click Apply and reboot when you are done.

Note: Accessing the web menu from <http://setup.ampedwireless.com> will no longer work when using a Static IP. You will only be able to access the menu using the Static IP address assigned to the Access Point.

IP Address:

Subnet Mask:

Default Gateway:

DHCP:

APPLY

How to Share USB Storage Devices

- Connect a USB storage device to the USB port on the back panel.
- Log onto the web menu at <http://setup.ampedwireless.com> and click the **USB Storage** tab.
- Follow the instructions for configuring the settings to share the USB storage device.

Reset Button
USB Port



How to Reset the Access Point to Default Settings

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

- Access the Reset button through the web menu on the left side under **More Settings > Management > Save/Reload Settings**. Select **Reset Settings to Default**.
- Access the physical Reset button on the back panel of the Access Point: 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 Access Point while saving your existing settings.

Using the Included Desktop Stand and Cable Organizer

- Check that all of the cables are connected to the Access Point and locate the Desktop Stand.
- Tuck the cables to the bottom of the Access Point and slide them through the hole on the Stand.
- Attach and fasten the Desktop Stand to lock the cables in place.



Troubleshooting Tips

- PROBLEM:** I entered setup.ampedwireless.com and it failed to open the web menu.
- SOLUTIONS:**
- Make sure your computer is connected to the Access Point wirelessly and NOT using a network cable. Ensure the power is plugged in and on. Try to access the setup menu again.
 - Enter the following web address into your web browser instead of 'setup.ampedwireless.com': <http://192.168.80.240>
 - Power off (unplug the power adapter) the Access Point and power it back on. Try again.
 - Reset your Access Point to default settings by holding the Reset button (located on the back panel) for ten (10) seconds and try again.
 - If you are using a Static IP, you will need to enter the assigned IP address into the web browser to access the web menu. When using a Static IP, the setup.ampedwireless.com shortcut will no longer work.
-
- PROBLEM:** I do not have Internet access when connecting to the Access Point.
- SOLUTIONS:**
- Your router or original network may not have Internet access. First check to see if you are able to access the Internet by connecting directly with your router. If you cannot, there is a problem with your router that needs to be fixed first. If you are able to access the Internet, continue with the following troubleshooting options below.
 - Your router may be using Static IP assignments. If so, you will need to configure a Static IP for the Access Point. Connect your PC to the Access Point using an Ethernet cable. Disconnect your PC from any wireless networks that it may be connected to. Access the web menu at setup.ampedwireless.com using a web browser. Access the IP settings menu from the left hand navigation bar. Select 'Disabled' under the DHCP dropdown menu and enter an IP address that matches your router's IP settings.
-
- PROBLEM:** My Access Point was working fine previously, but now I can no longer access the Internet through the Access Point.
- SOLUTIONS:**
- The settings on your router's network may have changed or you may have lost Internet connection on your home router. Any changes to the DHCP settings of your home router may affect the Internet connection of the Access Point. Check the settings on your router and try again.
 - Reboot the Access Point by unplugging the power adapter and plugging it back in. Allow up to 3 minutes for the Access Point to reconfigure itself to your network. Check to see if your connection has been reestablished by viewing a website.