

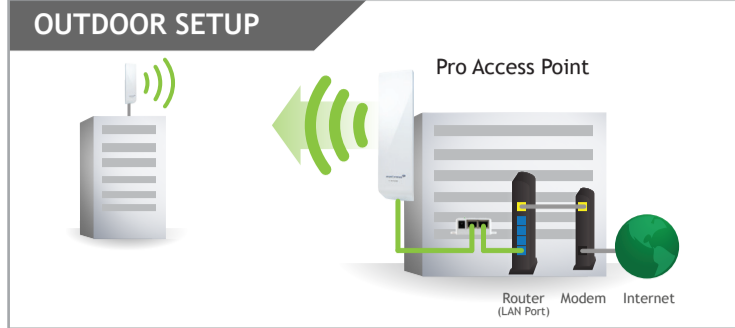
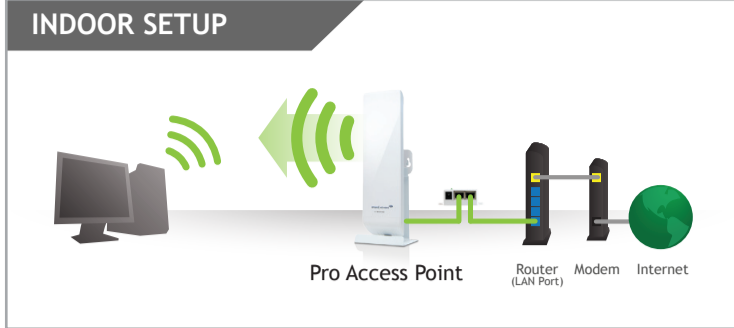


High Power Wireless-N 600mW Pro Access Point

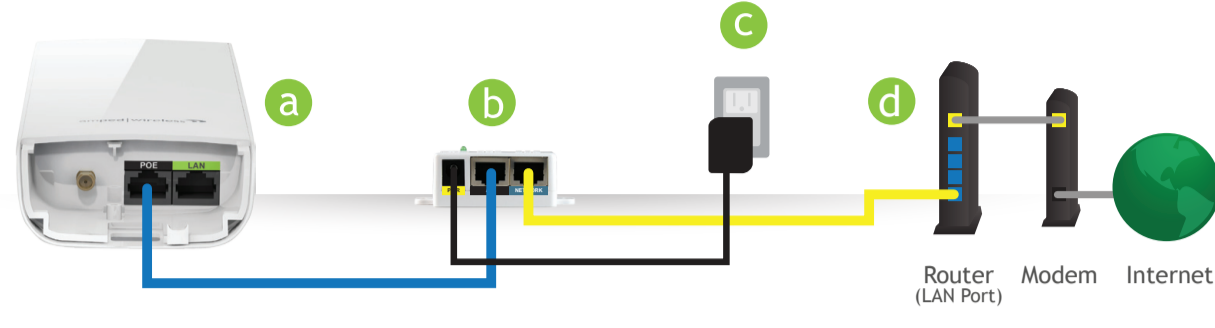
AP600EX

1 Find a location for installation

View the package insert for instructions on how to optimally position the Pro Access Point.



2 Connect the Pro Access Point to your Router or Network Switch



a Open the lid of the Pro Access Point and check that the PoE cable is securely fastened to the **POE** port.

b Locate the PoE Adapter and connect the 30 ft PoE cable to the **AP** port on the PoE adapter.

c Locate the power adapter and connect one end to a power outlet and the other end to the **POWER** port on the PoE adapter.

d Locate the shorter network cable and connect one end to the port on the PoE adapter and the other to your router's network (LAN) port, or a network switch.

Note: If you plan to use your own network cable, ensure that the cable is a Non-PoE cable to avoid power conflict issues.

⌚ Allow up to two (2) minutes for the Pro Access Point to automatically configure itself to your network.

3 Connect your Computer to the Pro Access Point

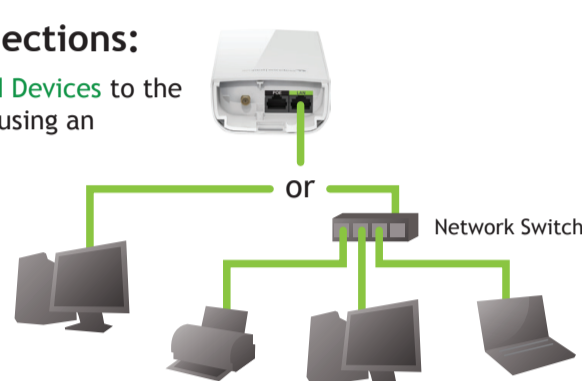
Wireless Connections:

Scan for available wireless networks on your PC and connect to the following network:



Wired Connections:

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



CONGRATULATIONS, YOU'RE DONE!

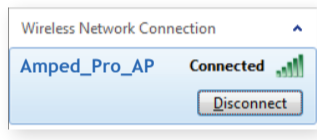
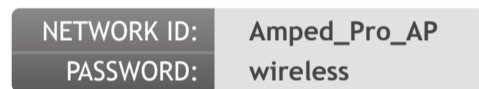


The instructions below are optional. You may now use your Pro Access Point without any additional configurations. However, if you wish to change any settings (such as network ID and security) for the Pro Access Point, follow the instructions below to access the configuration menu of the Access Point.

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

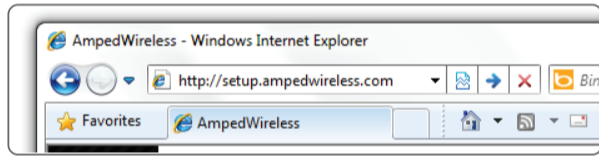
1 Optional Configurations: Accessing the Settings Menu

Scan for available wireless networks on your PC and connect to the following network:



! If you do not wish to connect wirelessly, you may also use a wired connection between the Access Point (LAN Port) and your computer to access the Settings Menu.

2 Open your Web Browser

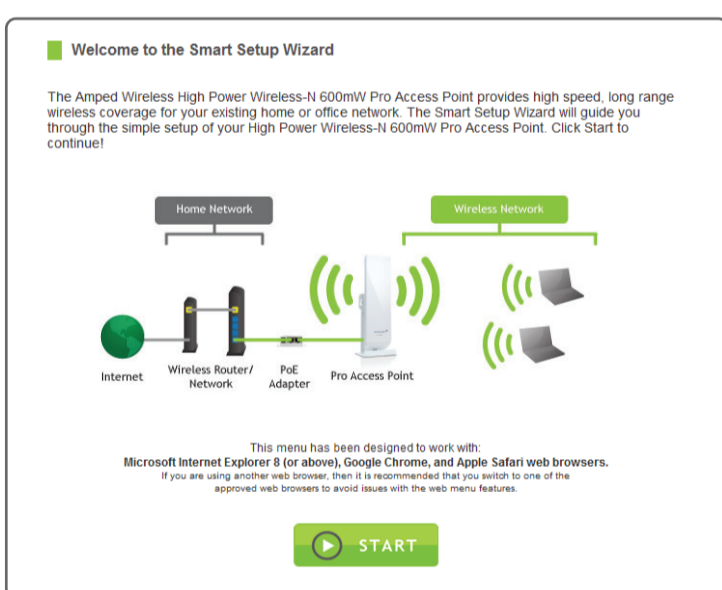


Enter the setup web address into your browser:

<http://setup.ampedwireless.com>

If the URL fails to open, then try: <http://192.168.1.240>

3 Welcome to the Smart Setup Wizard

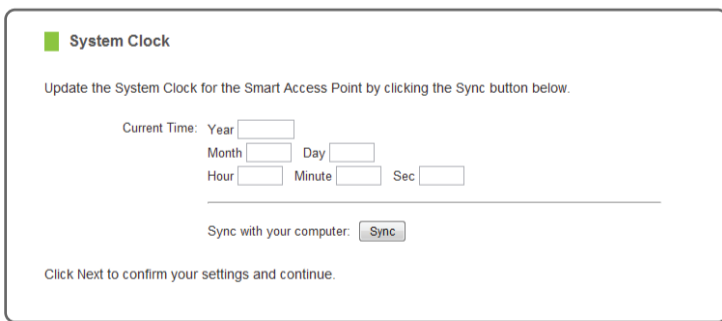


The Smart Setup Wizard will guide you through the following settings:

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

Click **Start** to begin.

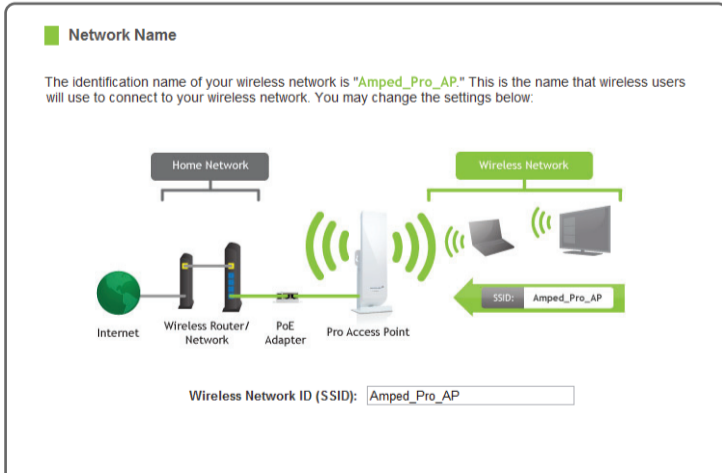
4 Set the System Clock Time



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 Wireless Network ID

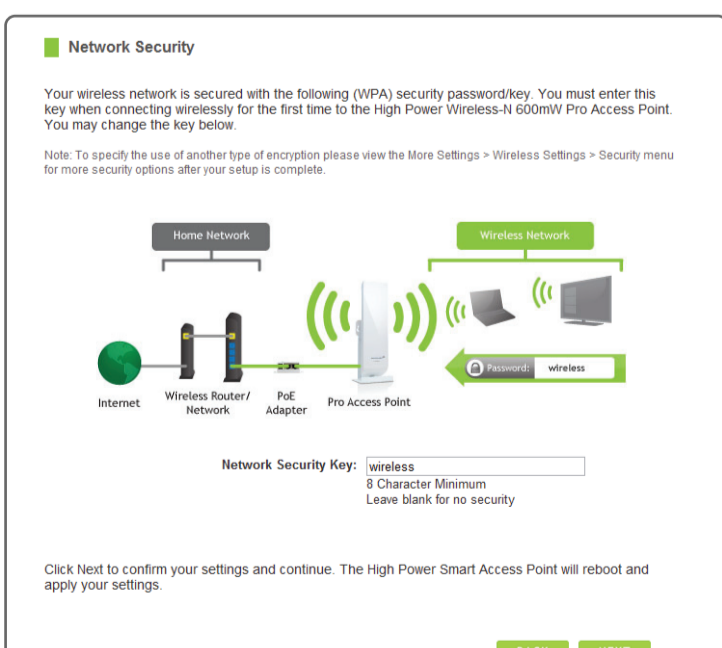


The ID of your Wireless Network is: **Amped_Pro_AP**

To change it, enter a new name in the SSID field. Users connecting wirelessly to the Pro Access Point will use this ID to identify your wireless network.

Click **Next** to continue.

6 Wireless Network Security



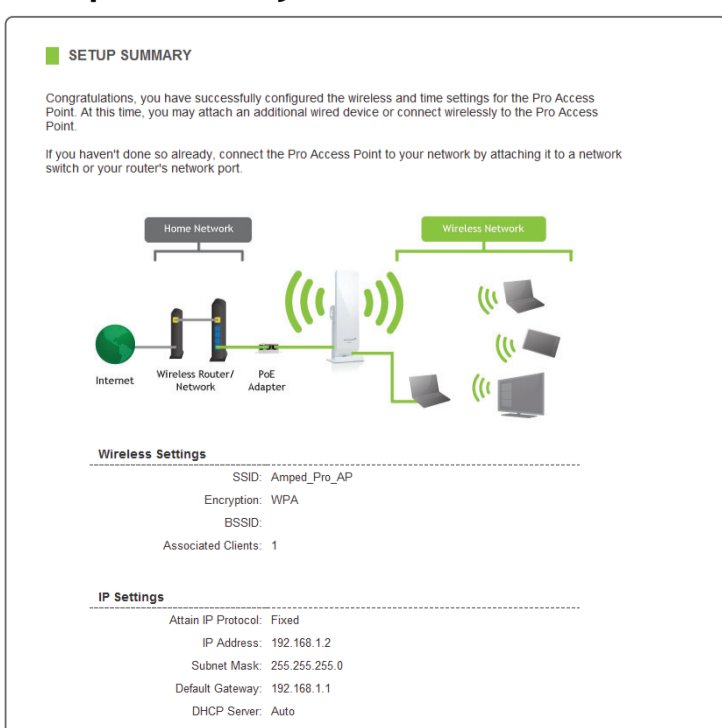
The default Security Key (WPA) of your wireless network is: **wireless**

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 Pro Access Point will reboot. This process may take up to 2 minutes. The page will automatically reload after the countdown. If it does not, you may need to reconnect to the Access Point and refresh the page manually.

7 Setup Summary



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

If you have wired network devices, you may attach them to the wired ports on the back of the Pro Access Point for additional wired connectivity.

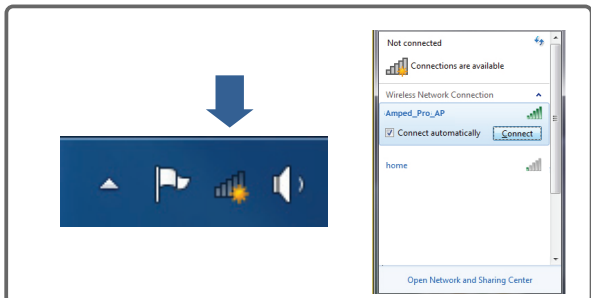
If you have any questions during the setup process please contact Amped Wireless support department:

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

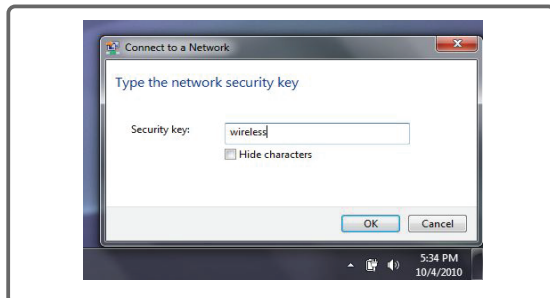
How to Connect your Wireless Computer to the Pro Access Point

Windows 7 & Vista

A. Click on the Wireless icon to see available wireless networks (For Vista, click Start > Connect To). Select the "Amped_Pro_AP" network and click **Connect**.

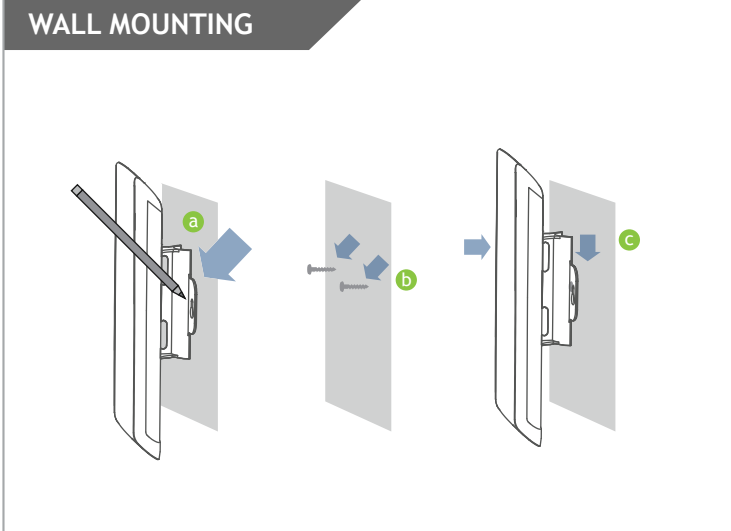


B. When prompted, enter the wireless security key "wireless" and click **OK**.



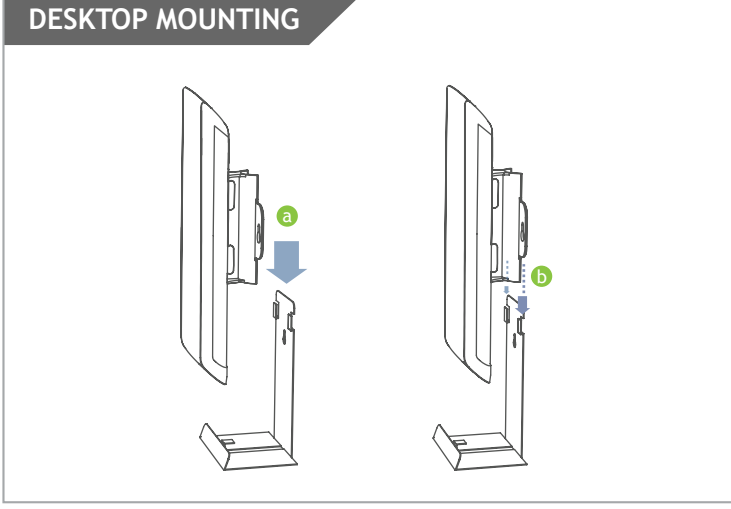
Mounting Instructions

WALL MOUNTING



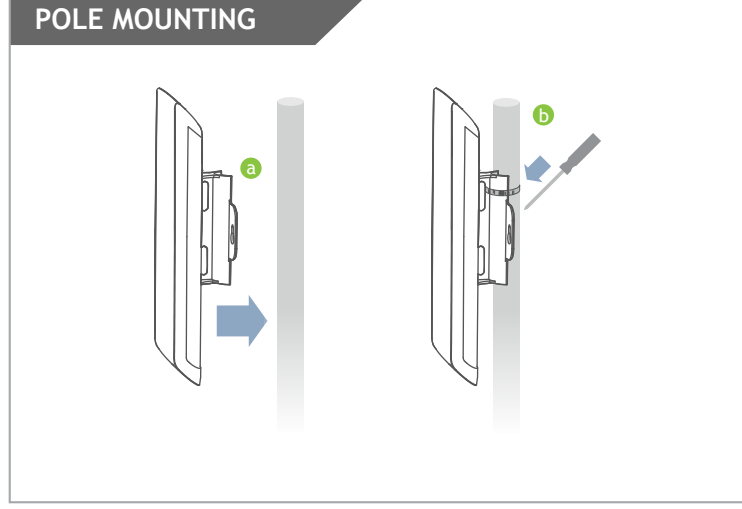
- Place the AP600EX against the wall, use a pencil and mark two pilot locations through the mounting hole on the wall.
- Remove the AP600EX and securely drill two screws where you have marked on the pilot location's wall.
- Now, mount the unit onto the secured screws.

DESKTOP MOUNTING



- Place the stand in an optimum location.
- Secure the AP600EX onto the desktop mount.

POLE MOUNTING



- Place the AP600EX against the pole.
- Use the included hose clamp or plastic tie and secure the AP600EX to the pole by inserting one side of the clamp through the smaller hole located on the bottom of the mounting bracket. If using the hose clamp, use a screw driver to fasten the clamp until the adapter is securely mounted.

Using the Smart Features on your Pro Access Point

The Pro Access Point is equipped with many powerful security features which can be accessed through the web menu under **More Settings > Smart Features** on the left side of the web menu:

Smart Setup Wizard

- 1) Set Clock
- 2) Network Name
- 3) Network Security
- 4) Setup Summary

More Settings

- Wireless Settings
- Smart Features**
- Access Schedule
- User Access
- Wireless Coverage
- IP Settings
- Management

Web Menu (Left Side)

- Wireless Access Scheduling**
Control when your WiFi is on/off
Menu Location: **More Settings > Smart Features > Access Schedule**
- User Access Control**
Restrict network access to specific users
Menu Location: **More Settings > Smart Features > User Access**
- Wireless Coverage Control**
Adjust the distance of your wireless network
Menu Location: **More Settings > Smart Features > Wireless Coverage**

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

Setting a Static / Manual IP for your Pro Access Point

If your network uses Static IP settings, you will need to set a static IP address for your Pro Access Point. To do this, access the **More Settings > IP Settings** menu from the navigation menu and select **Disabled** 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.

More Settings

- Wireless Settings
- Smart Features
- IP Settings**
- Management

IP Address:

Subnet Mask:

Default Gateway:

DHCP:

APPLY

How to Reset the Pro Access Point to Default Settings

The Pro Access Point can be reset to default settings by holding down the **Reset** button on the Power over Ethernet (PoE) Adapter for 5-10 seconds. To simply reboot the Pro Access Point, press the **Reset** button for 1 second and release.



Note: Pro Access Point must be connected to the PoE adapter for the Reset button to function.

Using an External Antenna

For additional range and coverage, the AP600EX comes with the option of using external antennas instead of the high power internal antenna. To use the external antenna, attach the antenna and log on to the web menu to activate the external antenna port:

- Remove the lid covering the external antenna port and attach external antenna to the Pro Access Point.
- Enter the setup web address into your web browser:
http://setup.ampedwireless.com
If the URL fails to open, then try: http://192.168.1.240

c Click on **More Settings**, then select **Wireless Settings**. Select **Antenna Settings** from the drop down menu. Check **External Antenna** to activate the external antenna and click **Apply**.

Smart Setup Wizard

- 1) Set Clock
- 2) Network Name
- 3) Network Security
- 4) Setup Summary

More Settings

- Wireless Settings
- Basic Settings
- Security
- Wi-Fi Protected Setup
- WDS Settings
- Antenna Settings**
- Advanced Settings

Antenna Settings

The Pro Access Point includes an internal High Power Antenna. If you wish to use an external antenna instead of the High Power internal antenna, activate the external antenna below.

Important:
Attach your antenna to the External Antenna port on the Pro Smart Repeater (remove the lid on the bottom of the Pro Smart Repeater to access the External Antenna connector) **BEFORE** activating the External Antenna to avoid damage to the device.

Active Antenna: Internal Antenna External Antenna

APPLY **RESET**

Troubleshooting Tips

- PROBLEM:** I entered http://setup.ampedwireless.com and it failed to open the Web Menu.
- SOLUTIONS:**
- Make sure your computer is connected to the Pro 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: http://setup.ampedwireless.com
 - Power off (unplug the power adapter) the Pro Access Point and power it back on. Try again.
 - Reset your Pro Access Point to default settings by holding the Reset Button (located on the back panel) for five to ten (5-10) seconds only and try again.
-
- PROBLEM:** The Pro Access Point is not functioning and the Power LED keeps blinking.
- SOLUTIONS:**
- The network (Ethernet) cable you are using is not compatible with the Pro Access Point. Replace the network cable between the PoE Adapter and your router/switch with a Non-PoE cable.
Tip: How to check whether your cable is a PoE cable or a non-PoE cable:
Check the connector tip of the network cable to see if there are 4 wires or 8 wires.
Non-PoE cables have only 4 wires.
 - If you have a computer or network device attached to the LAN port of the Pro Access Point, check that the cable is a Non-PoE cable. Some unsupported PoE devices may cause power conflicts with the Pro Access Point.
-
- PROBLEM:** I do not have Internet access when connecting to the Pro 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.
 - Check that the Pro Access Point is correctly connected to your router or network switch. The PoE should be connected to the Network port on the PoE Adapter (not directly to the Pro Access Point). The PoE adapter should be connected to the Pro Access Point's PoE port. After the connection has been established, allow up to 2 minutes for the Pro Access Point to configure itself to your router's settings.
 - Your router may be using Static IP assignments. If so, you will need to configure a Static IP for the Pro Access Point. Connect your PC to the Pro 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.