

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

How to Connect to the Range Extender

Windows 7 & Vista

Click on the Wireless icon to see available wireless networks (For Vista, click Start > Connect To). Select the "Amped_REC22A_2.4" or "Amped_REC22A_5.0" network and click **Connect**.



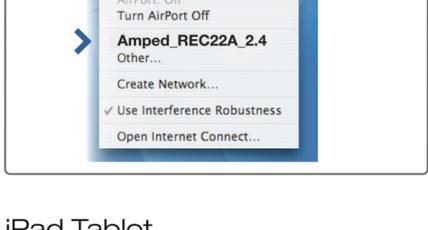
Windows 8

Swipe in from the right edge to access the charms bar, tap on Settings, select the Wi-Fi icon, and select the "Amped_REC22A_2.4" or "Amped_REC22A_5.0" network.



Mac OS X

Click on the Wireless icon to see available wireless networks. Select the "Amped_REC22A_2.4" or "Amped_REC22A_5.0" network.



iPhone

Tap on your Settings icon, and choose the "Amped_REC22A_2.4" or "Amped_REC22A_5.0" network.



iPad Tablet

A. Press the "Home" button to get to the homepage.
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_REC22A_2.4" or "Amped_REC22A_5.0".

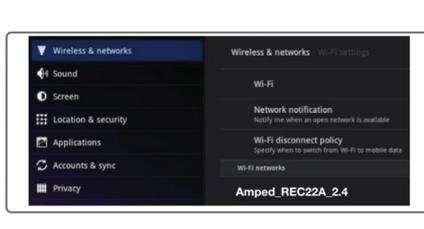


Android Tablet

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_REC22A_2.4" or "Amped_REC22A_5.0".



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

If your wireless adapter has WPS one-touch setup you can use it when connecting to the Range Extender. Hold down the WPS button on the Range Extender (top panel) for 3 seconds. The WPS 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.



Using the Features on your Range Extender

The Range Extender is equipped with many powerful features like BoostBand™ Technology and advanced security features, all of which can be accessed through the web menu:

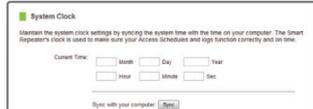
Web Menu (Left Side)

- BOOSTBAND™ Technology**
Increase the overall speed and performance of your extended network by streamlining dual band network traffic through a single Wi-Fi frequency band between the Router and the Range Extender.
[Menu Location: More Settings > BoostBand Technology](#)
- Wireless Access Scheduling**
Control when your Wi-Fi is on/off.
[Menu Location: More Settings > 2.4 or 5.0GHz Wi-Fi Settings > Access Schedule](#)
- User Access Control**
Restrict network access to specific users.
[Menu Location: More Settings > 2.4 or 5.0GHz Wi-Fi Settings > User Access](#)
- Wireless Coverage Control**
Adjust the distance of your wireless network.
[Menu Location: More Settings > 2.4 or 5.0GHz Wi-Fi Settings > Wireless Coverage](#)

If you are unfamiliar or want more information on how to enable BoostBand™ Technology or the security features on the Range Extender, please refer to the User's Guide on the included CD.

Setting the Range Extender's System Clock

In order for your Access Schedules and logs to perform using the correct time stamps and schedules you will need to set your System Clock. To do so, go under **Management** access the **System Clock** tab to sync the System Clock with your computer's time or to sync with the Internet.



Setting a Login and Password for the Web Menu

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

For added security you may want to set a login and password to access the Web Menu. To do this go to **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 Range Extender back to default settings to access the web menu. To reset the Range Extender to default settings, hold the reset button on the top of the Range Extender for 5-10 seconds.

Tips: Power Outages, Rebooting Routers & Channel Changes

Wireless routers operate on specific wireless channels to avoid interference with neighboring networks. Some wireless routers are set to automatically scan for the best wireless channel. A power outage or a simple reboot may cause your home wireless router to change its wireless channel, causing the Range Extender to disconnect from your home network. **After a minute or two the Range Extender will automatically reconnect to your Home Network with the new settings.** However, if for whatever reason it does not, simply log onto the Range Extender's web menu by opening your web browser and accessing <http://setup.ampedwireless.com>. If the page does not load, try resetting the Range Extender by holding down the reset button on the back panel for five to ten seconds. After the Range Extender has rebooted, open your web browser and try again.

When the web menu appears, run through the Wizard again to reconfigure the connection to your Home Network. To prevent the channel changing issue from occurring in the future, you may log onto your router's web menu and set the wireless channel from Automatic to a static channel number. You will need to reconfigure the Range Extender with the new channel. If you are not sure how to access your router's web menu, contact the support department for the brand of your wireless router.

Tips: Autoloading Web Menu

When the Range Extender loses its connection with your Home Network, the Web Menu will automatically load on your web browser. All web address entries will be redirected to the Wizard of the Range Extender. This feature is meant for you to easily reconfigure your Range Extender in the event of a disconnection. This feature may be disabled in the IP Settings menu of the web menu. The feature is titled: Auto-DNS.

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 Range Extender's Wi-Fi network: "Amped_REC22A_2.4" or "Amped_REC22A_5.0".
 - Try to use a different web browser. We recommend the Google Chrome web browser.
 - Try to open your web browser to the default IP address by putting this number into your web browser instead: 192.168.1.240
 - Power off (unplug) the Range Extender and power it back on. Try again.
 - Reset your Range Extender to default settings by holding the Reset Button (located on the top panel) for ten (10) seconds and try again.
 - If steps (a) through (e) fail, disconnect your PC from all Wi-Fi networks. Attach an Ethernet cable between the Range Extender and your PC. Try to access <http://setup.ampedwireless.com> again.
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- PROBLEM:** My Range Extender was working fine previously, but now I can no longer access the Internet through the Range Extender.
- SOLUTIONS:**
- The connection to your Home Network may have been dropped or the router settings may have changed. Changes to the router could be a result of several events, such as a power outage. When this occurs, connect to the Range Extender and access the setup menu using the web address: <http://setup.ampedwireless.com>. Run the Wizard to reconnect the Range Extender to your network.
 - Using the setup menu (setup.ampedwireless.com) check to see that the signal strength between the Range Extender and your Home Network is above 70%. The Range Extender may be too far from your router and not maintaining a signal strength above 70%. Check the signal strength between the router and the Range Extender through the web menu (left side): More Settings > Management > Device Status. The Signal Strength readout will be under the Home Wireless More Settings section. This Signal Strength must be above 70%. If it is below, move the Range Extender closer to your router, or reposition the Range Extender.
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- PROBLEM:** I cannot find my Home Network when scanning for wireless networks in the web menu Scan page.
- SOLUTIONS:**
- The Range Extender may be out of range. Move the Range Extender closer towards the wireless router and try the Setup Wizard again from the web menu.
 - Make sure that your Home Network's wireless SSID is broadcasting and not hidden. Hidden SSIDs will require that you manually enter the SSID into the Wireless Settings > Home Network menu.
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- PROBLEM:** I have a dual band router and I cannot repeat a network (or both networks).
- SOLUTIONS:**
- The Range Extender will repeat the 2.4GHz and 5.0GHz signal from your router simultaneously. To ensure a reliable and strong connection for both wireless networks, make sure that both 2.4GHz and 5.0GHz wireless networks have a signal strength above 70%. If necessary, reposition the Range Extender closer to the dual band router to help further maintain a strong connection.
 - Check to make sure that you have the correct security key for both the 2.4GHz and 5.0GHz network of your dual band router. These keys may sometimes be different from each other.
 - Ensure that your dual band router does not have any security features enabled, such as MAC address filtering, which may be blocking the connection. If features are enabled, please disable them and run the Wizard again.
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- PROBLEM:** I have extended my home network, but my Wi-Fi speeds seem slow or not at 802.11ac rates.
- SOLUTIONS:**
- To achieve 802.11ac Wi-Fi speeds for your extended network, it is necessary to extend an 802.11ac Wi-Fi router. Your extended network can only be as fast as the network it is extending.
 - Check that your computer's network adapter is an 802.11ac capable network adapter. Your computer's network connection can only be as fast as your network adapter's speed capabilities.
 - Using the setup menu (setup.ampedwireless.com) check to see that the signal strength between the Range Extender and your Home Network is above 70%. If it is below, move the Range Extender closer to your router, or reposition the Range Extender.
 - Check that the antenna is fastened tightly to the antenna port.
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- PROBLEM:** The Signal Strength LED on the top of the Range Extender is not on.
- SOLUTIONS:**
- Please check that the Range Extender is connected to a Home Network or router. The Signal Strength LED will not be on if there is no connection to a Home Network.
 - The connection to your Home Network may have disconnected. Please check your connection by accessing the web menu dashboard and reconfigure, if necessary.

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