

# Quick Start

## Nighthawk X4S AC2200 Tri-Band WiFi Range Extender

Model EX7500



**NETGEAR**

## Getting Started

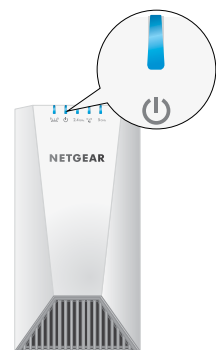
To extend the range of your WiFi network, you must connect your Nighthawk® extender to your existing WiFi network. You can do this in one of two ways:

- **Connect with WPS.** Wi-Fi Protected Setup (WPS) lets you join a secure WiFi network without typing the network name and password.  
**Note:** WPS does not support WEP network security or a hidden SSID network. If your existing WiFi network uses WEP security or its SSID is hidden, follow the instructions *Connect With WPS*.
- **Connect with the NETGEAR installation assistant.** To use the NETGEAR installation assistant, you must launch a web browser on your computer or mobile device. For more information, see *Connect With the NETGEAR Installation Assistant* on the other side of this quick start guide.

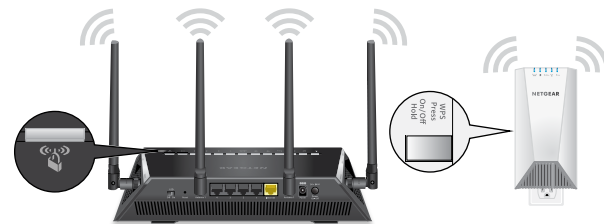
## Connect With WPS


### 1. Place and plug in your extender.

- Place the extender close to your WiFi router.
- Plug the extender into an electrical outlet.  
Wait for the Power LED to light solid blue.
- If the Power LED does not light, press the **WPS/Power** button until the Power LED lights.





### 2. Connect to your WiFi router.



- Press the **WPS/Power** button on the extender for less than five seconds.  
The WPS LED  blinks blue.

**Note:** If you press the **WPS/Power** button for more than five seconds, the extender turns off.

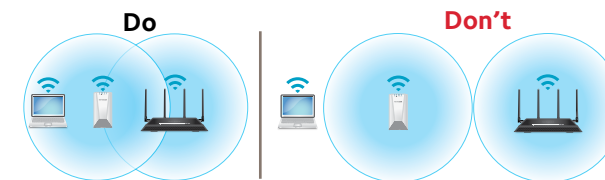
- Within two minutes, press the **WPS** button on your WiFi router.  
When the extender connects to the router, the WPS LED  lights solid blue.


If the Router Link LED  lights blue, the connection between the router and extender is good. If the Router Link LED lights amber or red, move the extender closer to the router and try again.

- If your WiFi router supports the 5 GHz band, repeat Steps 2a and 2b.

**Note:** If your router supports the 5 GHz band, your extender attempts to connect to the router's 5 GHz band the first time you press the **WPS/Power** button. If your extender did not connect to the router's 5 GHz band the first time, repeat the WPS process.

### 3. Choose a location and check the signal strength.



- Move your extender to a new location that is about halfway between your router and the area with a poor router WiFi signal.  
The location that you choose must be within the range of your existing WiFi router network. See the previous image for an example.
- Use the Router Link LED  to help you choose a spot where the extender-to-router connection is optimal:
  - **Blue.** Best connection.
  - **Amber.** Good connection. Consider moving the extender closer to the router.
  - **Red.** Poor connection. Move the extender closer to the router.
  - **Off.** No connection.
- If you get no connection or a poor connection, move the extender closer to your router and try again until the Router Link LED lights blue.

### 4. Connect your devices.



- Take your WiFi-enabled computer or mobile device to the location with poor WiFi router coverage.
- Connect your WiFi-enabled computer or mobile device to the extended network.

Your extender uses the same WiFi network settings as your router for its 2.4 GHz and 5 GHz extended networks.

For example, if your extender connects to the router's 2.4 GHz WiFi band, your extender uses your router's 2.4 GHz WiFi settings for both its networks:

- **Router 2.4 GHz WiFi network name.**  
MyWiFiExample
- **Router 5 GHz WiFi network name.**  
MyWiFiExample-5G
- **Extended 2.4 GHz WiFi network name.**  
MyWiFiExample
- **Extended 5 GHz WiFi network name.**  
MyWiFiExample

If your extender connects to the router's 5 GHz WiFi band, your extender uses your router's 5 GHz WiFi settings for both its networks:

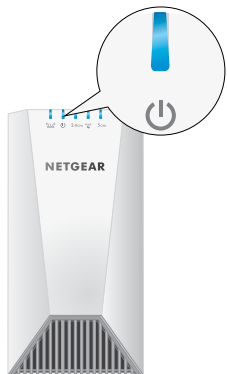
- **Router 2.4 GHz WiFi network name.**  
MyWiFiExample
- **Router 5 GHz WiFi network name.**  
MyWiFiExample-5G
- **Extended 2.4 GHz WiFi network name.**  
MyWiFiExample-5G
- **Extended 5 GHz WiFi network name.**  
MyWiFiExample-5G

**Note:** Since your router and extended networks share the same WiFi network name, only one WiFi network name is broadcast.

## Connect With the NETGEAR Installation Assistant

To use the NETGEAR installation assistant, you must launch a web browser on your computer or mobile device.

### 1. Place and plug in your extender.



- Place the extender close to your WiFi router.
- Plug the extender into an electrical outlet. Wait for the Power LED to light solid blue.
- If the Power LED does not light, press the **WPS/Power** button until the Power LED lights.

### 2. Connect to the extender.



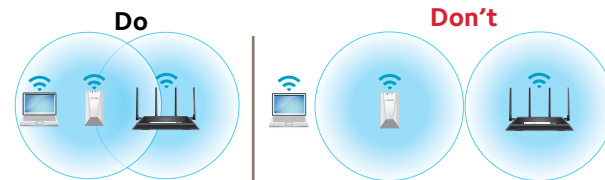
- On your WiFi-enabled computer or mobile device, open the WiFi connection manager.
- Locate and connect to the extender network called NETGEAR\_EXT.

When your computer or mobile device is connected to the extender, the 2.4 GHz Client Link LED lights solid blue.

### 3. Set up with a web browser.

- Launch a web browser. You are automatically taken to the extender's NETGEAR installation assistant. If the NETGEAR installation assistant does not display, visit [www.mywifiext.net](http://www.mywifiext.net).
- Follow the prompts to connect your extender to your existing WiFi network.

### 4. Choose a location and check the signal strength.



- Move your extender to a new location that is about halfway between your router and the area with a poor router WiFi signal. The location that you choose must be within the range of your existing WiFi router network. See the previous image for an example.

- Use the Router Link LED (🔌) to check the connection between the extender and router:

- Blue.** Best connection.
- Amber.** Good connection. Consider moving the extender closer to the router.
- Red.** Poor connection. Move the extender closer to the router.
- Off.** No connection.

- If you get no connection or a poor connection, move the extender closer to your router and try again until the Router Link LED lights blue.

## Log In to Access Extender Settings

After installation, you can log in to the extender to view or change the extender's settings.

- Launch a web browser from a computer or mobile device that is connected to your extender network.
- Log in to your extender:
  - If you did not enable the One WiFi Name feature, enter [www.mywifiext.net](http://www.mywifiext.net) in the address field of the browser.
  - If you enabled the One WiFi Name feature, enter one of the following URLs:

- **Windows-based computer.** <http://mywifiext>

- **Mac computers and iOS devices.** <http://mywifiext.local>

- **Android devices.** <http://<extender's IP address>> (for example, <http://192.168.1.3>)

To find your extender's IP address, do the following:

- Log in to your router.
- Find the page in your router web interface that lists the devices connected to your router.
- Find your extender in the list and note your extender's IP address.
- Enter your extender's IP address in the address field of your web browser.

A login page displays.

- Enter your admin user name and password and click the **LOG IN** button.

The Status page displays.

## Support

Thank you for purchasing this NETGEAR product. You can visit [www.netgear.com/support](http://www.netgear.com/support) to register your product, get help, access the latest downloads and user manuals, and join our community. We recommend that you use only official NETGEAR support resources.

Si ce produit est vendu au Canada, vous pouvez accéder à ce document en français canadien à <http://downloadcenter.netgear.com/other/>.

(If this product is sold in Canada, you can access this document in Canadian French at <http://downloadcenter.netgear.com/other/>.)

For the current EU Declaration of Conformity, visit <http://kb.netgear.com/11621>.

For regulatory compliance information, visit <http://www.netgear.com/about/regulatory/>.

See the regulatory compliance document before connecting the power supply.



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