



Spectrum WiFi Extenders

[User Guide](#)

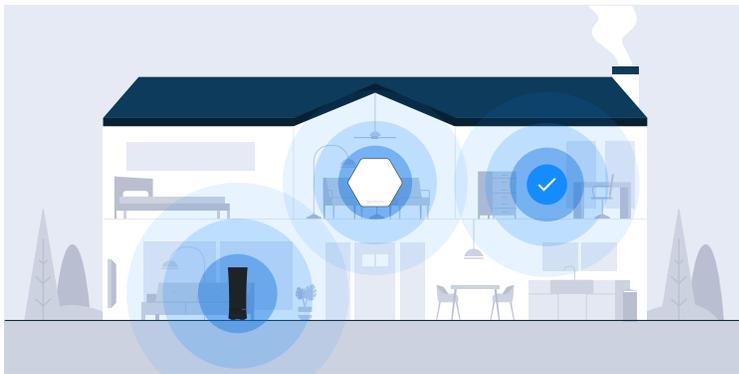


Spectrum WiFi Extenders for Advanced Home WiFi

Spectrum WiFi Extenders deliver additional coverage for the Advanced Home WiFi service, enabling WiFi signals to reach all devices in-home for a better experience.

With Spectrum WiFi Extenders and Advanced Home WiFi:

- Experience whole home coverage.
- Improve connected client performance with optimized connections to router or extender.
- Installation made easy - Plug them in and connect to WiFi.
- Manage the entire WiFi network with the My Spectrum App.
- Name extenders by their connected location like “upstairs hallway”, or “living room” for easy reference.
- Locate and reboot extender through the My Spectrum App.



Enabling Whole Home Coverage

Get Connected with My Spectrum App

To manage your WiFi network, download the My Spectrum on Google Play or the Apple App Store. The My Spectrum app provides the ability to manage your WiFi network and find helpful troubleshooting tips. Scan this QR code with your smartphone camera or go to spectrum.net/getapp



spectrum.net/getapp

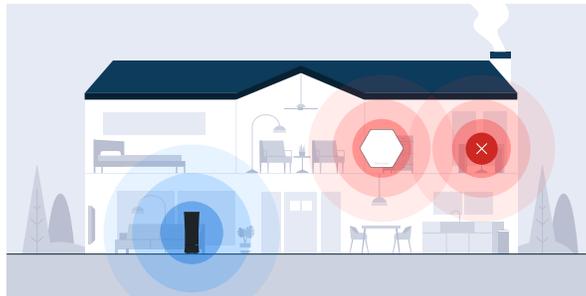
Place Your Extenders for the Best WiFi Coverage

- Other WiFi networks in the home should be removed. A competing local WiFi system will cause significant interference to the router and extenders, reducing performance.
- Placing additional extenders to create a strong central core provides better coverage and network performance.
- The distance between extenders should be **approx. 20 to 32 ft.** when through walls and **32 to 50 ft.** in open spaces.
- Non-traditional shaped homes, or homes with dense construction materials (e.g. concrete/brick) may require additional extenders to provide adequate coverage.

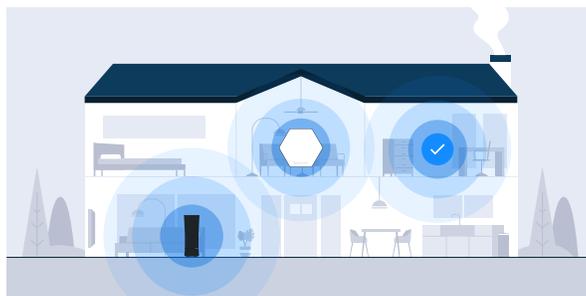
Your Home Coverage Considerations



Without a Spectrum Extender, parts of the home may not get a strong WiFi signal.



Make sure the Spectrum Extender is placed centrally between the router and devices.



With central placement, the whole house can receive a strong WiFi signal.

Where NOT to Place the Extenders

DO NOT place extenders behind these items as they block WiFi Signal and may cause dead spots for connectivity:

Mirrors - Mirrors cause significant interference with WiFi signals in a modern home.

Household appliances - This includes appliances such as microwaves, baby monitors and cordless phones that transmit on the shared 2.4 GHz spectrum and cause high interference.

Reinforced concrete (and rebar) - Concrete is a dense material for radio signal to penetrate.

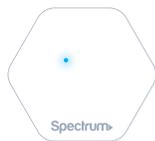
Furniture - Large furniture can obstruct WiFi signal and reduce signal coverage.

Energy efficient windows, metallic blinds/shades, foil backed insulation - These materials act like mirrors to reflect radio waves, and reduce your signal coverage.

Outdoors - Extenders are not weather proof; and will suffer damage from dirt, wind and moisture if placed outdoors.

Bathroom - Extenders should not be placed in locations with high moisture or humidity such as a bathroom, or near a sink.

Extender Status Lights



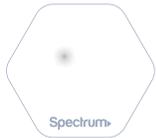
Status Lights

Solid GREEN, then BLUE, then pulsating GREEN:
Establishing internet connection.



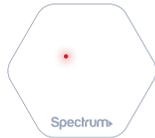
Light is off:

Connected successfully to internet.



Pulsing white:

Internet is unavailable.



Red:

Potential hardware issue. Call for support.

Extender Specifications

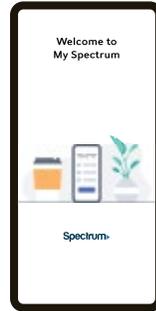
Component	Specification
WiFi -Interfaces	5 GHz 4x4 802.11 ac/n/a 80 MHz 5 GHz 2x2 802.11 ac/n/a 80 MHz 2.4 GHz 2x2 802.11 n/g/b 20/40 MHz
Ethernet to router or LAN	Two ports: 10/100/1000
Other	Plug into power outlet: 100-240VAC, 50-60 Hz Extender Dimensions: Front Face - ~3 ¾ inches wide, ~3 ⅜ inches tall, ~1 ½ inch deep



Advanced Home WiFi Router



Spectrum WiFi Extender



My Spectrum App



Enabling Effective Home Coverage

Need Help or Have Questions?

We're here for you. To learn more about your services or get support, visit spectrum.net/support or call us at **(855) 632-7020**.