



Optimize Your Internet Speed

Your Salamander experience is important to us. We've put together a few best practices that are easy to follow to ensure you're using maximum internet speeds with your existing router.

Confirm your router is configured to maximize its bandwidth

Wireless routers can be set to support different bands. If your router supports 5 GHz band, it is best practice to configure your router to this to maximize your speeds (not only for Salamander but also for everyday surfing). Some routers offer a dual-band (2.4 GHz and 5 GHz) or tri-band (2.4 GHz and 2 - 5 GHz). Configuring your router for a dual or tri-band is a good idea (this is because some devices, like home automation or legacy devices, can only connect to 2.4 GHz).

It is best practice to connect to the 5 GHz band for Salamander and everyday surfing, if available.

Things to ask yourself

1. Is your router a dual-band or tri-band? – if yes, then setup as such and connect all devices that can connect to the 5 GHz band.
2. Do you have devices that only work with 2.4 GHz? – if yes and your router is dual-band or tri-band, great. Setup as such and connect all devices that can connect to 5 GHz to the 5 GHz band.
3. Are you experiencing dropped connections at 5 GHz? – if yes and you cannot move your router to a more centralized location, then you need to switch your device to the 2.4 GHz band.
4. Are you experiencing dropped connections at 2.4 GHz? – if yes, then you need to move your router. If you are already centralized, then you will need to look into adding a repeater. With repeaters, you may be able to switch back to the 5 GHz band.

2.4 GHz vs 5 GHz

	2.4 GHz	5 GHz
Wave Length	Longer waves	Shorter waves
Interference	Penetrates through walls, floors, brick, concrete object, etc. easily	Difficult to penetrate through walls, floors, brick, concrete object, etc.
Speeds	Up to 600 Mbps	Up to 1300 Mbps

Now that you understand your router a little better, it's time to set your devices to use the 5 GHz band to maximize SalamanderLive speeds.

Sources: <https://www.howtogeek.com/222249/whats-the-difference-between-2.4-ghz-and-5-ghz-wi-fi-and-which-should-you-use/>