

# How to fix a malfunctioning Wireless Router or Wi-Fi transmitter.

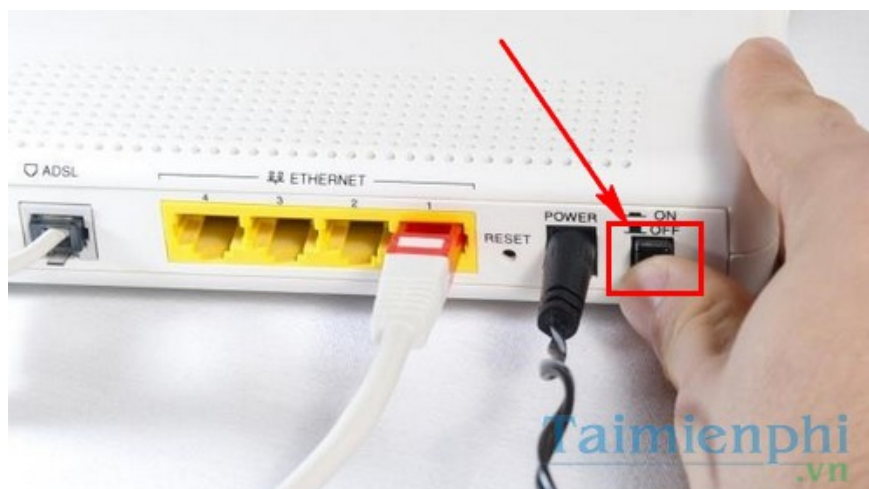
Troubleshooting a faulty wireless router or Wi-Fi access point at home or in your office will help everyone access the internet, browse the web, and use Facebook normally. So what are the causes and how to fix them? Read on to find out.

While common WiFi problems and their solutions often stem from internet connection issues, WiFi router malfunctions, on the other hand, are hardware problems. Common WiFi errors can often be easily fixed using the tips provided by TipsMake. However, wireless router (or WiFi access point) errors are more serious and may require replacing the router. A helpful tip from TipsMake to distinguish between common WiFi errors and router problems is to try plugging a network cable directly into your laptop or computer. If the internet connection works normally when connected, then your router is likely faulty. So, how do you differentiate between WiFi router errors and how do you fix a faulty wireless router? Don't worry, Taimienphi.vn will list all the causes and solutions for wireless router (or WiFi access point) errors.

## How to fix a malfunctioning Wireless Router or Wi-Fi transmitter:

### *1. Restart your modem to fix a faulty wireless router or Wi-Fi access point.*

The first thing users should do when they experience a sudden internet connection interruption is to restart their modem. Modems are typically used continuously, so conflicts causing the wireless router to lose network connectivity are common. To fix wireless router issues, restart your modem by pressing the power button and turning it back on.



When you restart your modem, you need to log in to your Wi-Fi modem to reset your Wi-Fi network name and password. Most modem login accounts and passwords default to "admin" or "admin".

*2. Check the modem's temperature to troubleshoot a faulty wireless router or Wi-Fi access point.*

High temperatures can also cause modem malfunctions. You can quickly check by holding the modem to see its temperature. If the modem is too hot, unplug all power cords and network cables. Let the modem rest for 15 to 30 minutes. Then turn on your wireless router and connect to the network.



*3. Check the network cable and troubleshoot a faulty Wireless Router or Wi-Fi transmitter.*

Another cause of internet problems is the network cable. Over time, the cable can break, affecting both speed and internet transmission. Therefore, you should check your network cable for any breaks. If it's broken, replace it with a new one to fix the problem with your wireless router or Wi-Fi access point.



*4. Check the position and antenna of your wireless router.*

The placement of the wireless router, Wi-Fi access point, and antenna orientation also affect the signal strength. You should place the wireless router in an open area, avoiding placing it too close to walls or in enclosed rooms, as this will affect the Wi-Fi coverage. Large metal objects or other transmitting devices can also interfere with Wi-Fi transmission capabilities.



*5. Reset your router to fix wireless router or Wi-Fi access point errors.*

Finally, if the above methods don't work, you should reset your wireless router. Most routers have a hidden reset button. You need to use a pin or a small toothpick to poke into the reset hole on the back of the modem. Press and hold for about 5 seconds to restart the router. When you see the power light blinking, the router has restarted. Simply remove the pin and reconfigure it on your computer.



By following these 5 troubleshooting steps for a faulty wireless router or Wi-Fi access point, you should completely resolve the issue. If the problem persists, it's highly likely the router is broken, and you can either take it for repair or purchase a new wireless router.

In method 5, after resetting, users need to configure their WiFi settings to continue using the internet. Simply follow the WiFi configuration instructions to get a completely new WiFi address. The WiFi configuration guide includes a section for creating a WiFi username and password, so you should set a password to protect your connection. Too many people accessing the WiFi will slow down your internet speed and cause lag.

To secure your Wi-Fi connection, you should regularly change your Wi-Fi password and use strong, complex passwords. We have provided detailed instructions on how to change your Wi-Fi password for different types of modems.

For those of you using a Viettel modem, please refer to the guide on how to change your Viettel WiFi password to find your login account and password and change your Viettel WiFi password accurately and effectively.

Rushing home to play a mobile game, you suddenly discover your WiFi is down and your 4G data has run out. What do you do then? Don't think about just giving up and rushing to top up your balance immediately, because while there are many reasons why WiFi might not connect, they're not difficult to identify, and the solutions are quite simple.

You finished reading the article "**How to fix a malfunctioning Wireless Router or Wi-Fi transmitter.**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.