

Model 424RG Router Settings Walkthrough

Description:

Your new router is the ADTRAN 424RG model. It features four Ethernet ports, both 2.4GHz and 5GHz Wi-Fi, and two POTS/Phone ports.

- 2.4GHz Wi-Fi has a greater range but lower speed. It will better penetrate walls throughout the home and is available on a wide range of devices.
- 5GHz Wi-Fi has a lower range but greater speed. It is better used within the same room as your router and is only available on compatible devices.
- For the highest speeds, plug devices into the router via an ethernet cable.



LED STATUS

The LEDs are located beneath the plastic housing and are only visible after power has been applied. The following table provides the LED status during normal operations.

Label	Status	Indication
POWER 	<input type="radio"/> Off	AC or battery off
	<input checked="" type="radio"/> Green	No Failure
FIBER 	<input type="radio"/> Off	No connection to the OLT, open fiber, failure at the ONT, or power is Off
	<input checked="" type="radio"/> Green	Signal present and is within operating range
	<input checked="" type="radio"/> Green Flashing Fast	Ranging in Progress
INTERNET 	<input type="radio"/> Off	No IP address configured on WAN Interface, or Power is Off
	<input checked="" type="radio"/> Green	WAN Interface is configured with IP address
GE 1-4 	<input type="radio"/> Off	Link is down or not equipped
	<input checked="" type="radio"/> Green	Link is up
	<input checked="" type="radio"/> Green Flashing Fast	Data is being sent or received
USB 	<input type="radio"/> Off	Power Off or no device connected
	<input checked="" type="radio"/> Green	Device connected
	<input checked="" type="radio"/> Green Flashing Fast	Data is being sent or received
2.4GHZ 	<input type="radio"/> Off	Power is Off, or Wireless 2.4GHz is Disabled
	<input checked="" type="radio"/> Green	Wireless 2.4GHz is Enabled
	<input checked="" type="radio"/> Green Flashing Fast	Data is being sent or received on 2.4GHz
5GHZ 	<input type="radio"/> Off	Power is Off, or Wireless 5GHz is Disabled
	<input checked="" type="radio"/> Green	Wireless 5GHz is Enabled
	<input checked="" type="radio"/> Green Flashing Fast	Data is being sent or received on 5GHz
PHONE 1-2 	<input type="radio"/> Off	Unequipped or on-hook and not ringing
	<input checked="" type="radio"/> Green	Line is off-hook
	<input checked="" type="radio"/> Green Flashing Slow	Line in ringing state
WPS 	<input type="radio"/> Off	Power Off or WPS is Disabled
	<input checked="" type="radio"/> Green	WPS is Enabled
	<input checked="" type="radio"/> Green Flashing Slow	WPS push button pressed and device is ready to accept connection
	<input checked="" type="radio"/> Green Flashing Fast	WPS push button pressed and device is ready to accept connection

Warnings:

- Do not disconnect or bend the fiber cable from the wall outlet or router. Doing so may cause the cable to become dirty or break.

- Do not use the reset button on the back of the router, this will make you lose the router's configuration and Internet service.
- If the fiber cable becomes disconnected, do not look into the end of the cable as this could cause eye damage.
- Always use the provided stand and keep the router upright. Laying the router flat will cause it to overheat.

Environmental Specifications:

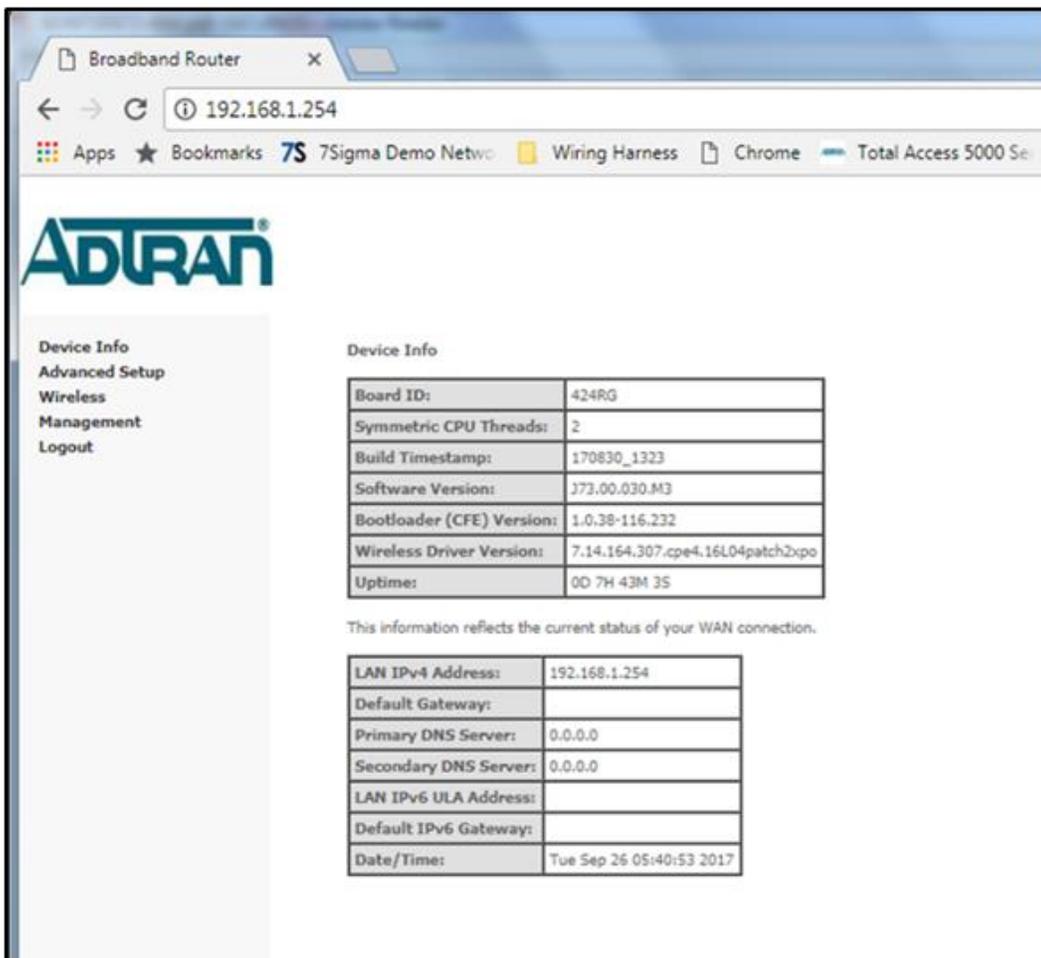
- Operational Temperature: 32°F to +104°F (0°C to +40°C)
- Storage Temperature: -4°F to 122°F (-20°C to +50°C)
- Relative Humidity: 90%, non-condensing

Restart the Router:

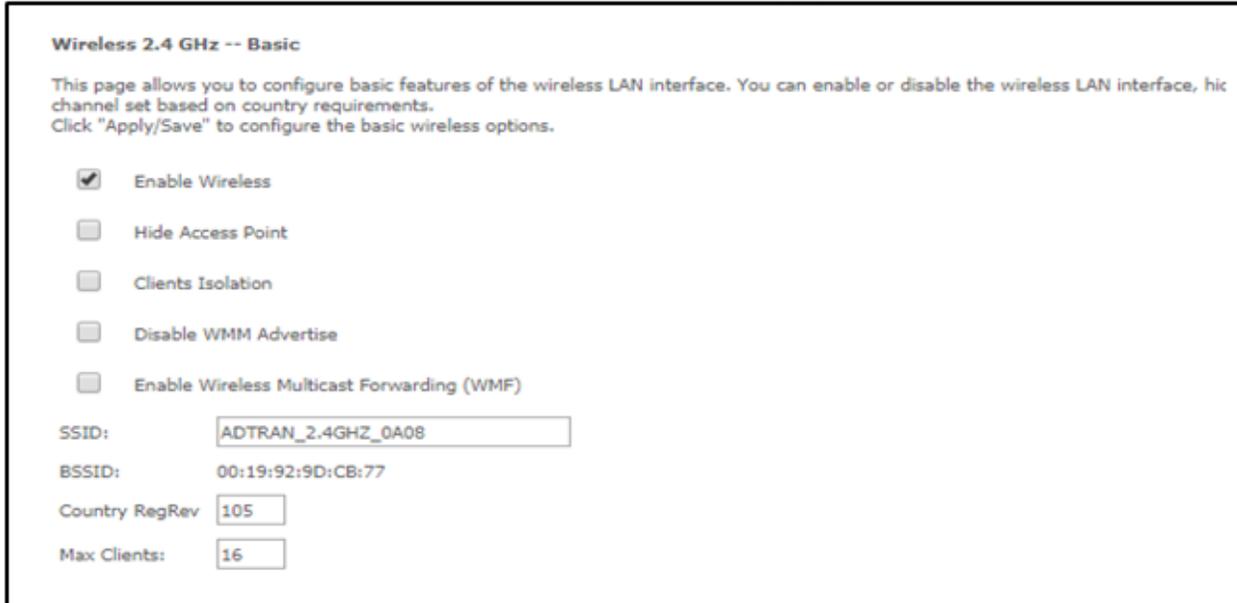
To restart the router, simply unplug the 12V power adapter, leave unplugged for 5 minutes, then plug it back in. Do not unplug the fiber cord.

Changing Wireless Passwords:

1. Using a web browser, log into the router by typing the address **192.168.1.254**. On the login that pops up, the username is "user" and the password is also "user" by default. This will allow you access to the necessary menus to change the SSID's and passwords



2. To change the wireless Name (SSID), click the “Wireless” link on the left of the screen, then select either the link for 2.4GHz or 5GHz. Enter the new SSID and click Apply/Save.



Wireless 2.4 GHz -- Basic

This page allows you to configure basic features of the wireless LAN interface. You can enable or disable the wireless LAN interface, his channel set based on country requirements. Click "Apply/Save" to configure the basic wireless options.

Enable Wireless

Hide Access Point

Clients Isolation

Disable WMM Advertise

Enable Wireless Multicast Forwarding (WMF)

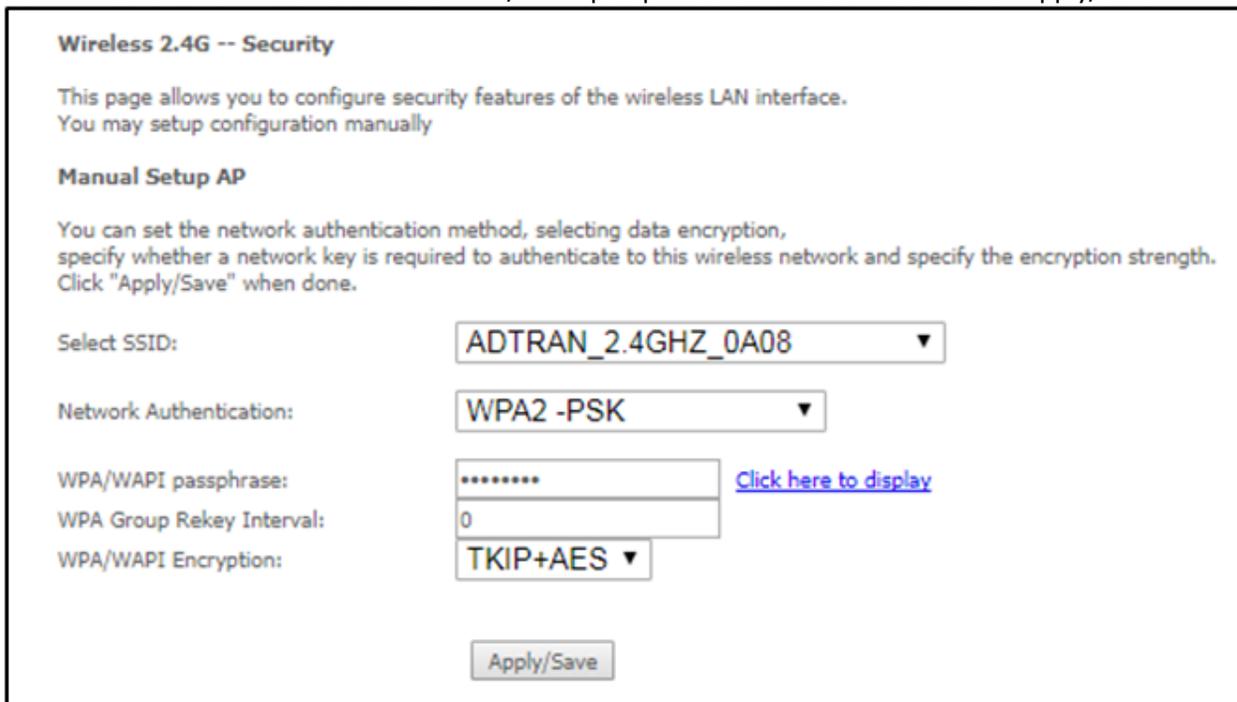
SSID:

BSSID:

Country RegRev

Max Clients:

3. To change the Password, select the “Security” section under the “Wireless” links for either 2.4GHz or 5GHz. Enter the new Password in the WPA/WAPI passphrase box as seen below. Click Apply/Save.



Wireless 2.4G -- Security

This page allows you to configure security features of the wireless LAN interface. You may setup configuration manually

Manual Setup AP

You can set the network authentication method, selecting data encryption, specify whether a network key is required to authenticate to this wireless network and specify the encryption strength. Click "Apply/Save" when done.

Select SSID:

Network Authentication:

WPA/WAPI passphrase: [Click here to display](#)

WPA Group Rekey Interval:

WPA/WAPI Encryption:

Changing Router Login Password:

While logged into the **192.168.1.254** as above, clicking on the “Management” link, and then “Passwords” will allow you to input a new password to access the router. This will make your router more secure so that only you can access these pages, and no one else can change your settings. For User Name, type in “user”. Input the old password, which by default is also “user”. Then choose the new password and input it both in the New Password and Confirm Password field.



- Device Info
- Advanced Setup
- Wireless
- Management
 - SLID Configuration
 - Security Log
 - Access Control
 - Passwords**
 - Reboot
- Logout

Access Control -- Passwords

Access to your broadband router is controlled through two user accounts: admin and user.

The user name "admin" has unrestricted access to change and view configuration of your Broadband Router.

The user name "user" can access the Broadband Router, view configuration settings and statistics, as well as change the configuration of the Broadband Router.

Use the fields below to enter up to 16 characters and click "Apply/Save" to change or create password.

User Name:

Old Password:

New Password:

Confirm Password: