

How to Change Wireless Channel – Billion 8900AX-2400



Note:

Please make sure you are hardwired into the back of the router when changing any of the configuration on your router.

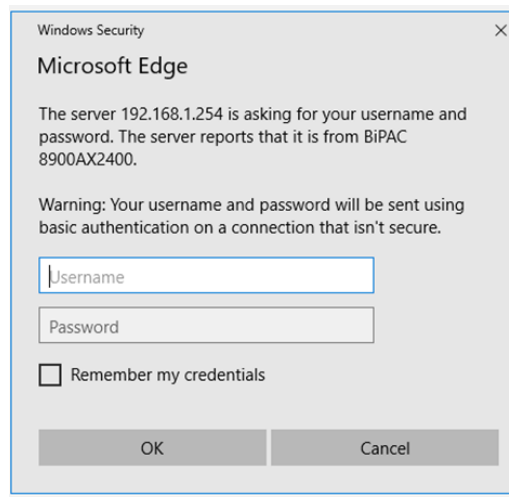
Procedure:

1. To start, you need to go to your internet browsers, i.e. Internet Explorer, Google Chrome, and Mozilla Firefox and type 192.168.1.254 into the address bar and press enter. Please see image below.



2. The user log in screen will pop up, you need to enter your username and password which are outlined below;
Username: admin
Password: admin

To check you are connecting to the correct router you will see the router model number shown in the first sentence of the logon screen.



If this password does not work you will need to reset the configuration on the router by holding a pin/paperclip in the reset hole on the back of the router until the power light starts flashing. At this point, you can take the pin out and the router will take 5-10 minutes to sync back up with the Call Flow equipment and you will then be able to access the router. You will then need to enter the username and password as detailed above.

- Once logged in you need to click on Configuration > Wireless 2.4G > Advanced which are all located to the left hand side of the page.
- You will then come to the next screen. To change your wireless channel you need to select a number from the drop down list highlighted.



Configuration

Advanced

Parameters

Band	2.4GHz	
Channel	Auto	Current: 6 (interference: acceptable) Scan Used Channel
Auto Channel Timer	1	minutes
802.11n/EWC	3	
Bandwidth	5	Current: 20MHz
Control Sideband	6	Current: N/A
802.11n Rate	7	
802.11n Protection	8	
Support 802.11n Client Only	9	
OBSS Coexistence	10	
Turbo QAM	11	
RTS Threshold	2347	[0-2347]
DTIM Interval	1	[1-255]
Beacon Interval	100	[1-65535]
Global Max. Clients	16	[1-128]
WMM(Wi-Fi Multimedia)	Enable	

Depending on local wireless interference, you may need to change this a few times to find a suitable channel for your area. The recommended wireless channels are either 1, 6 or 11.

- Once you have selected your desired wireless channel, scroll down using the slider on the right hand side and click Save.

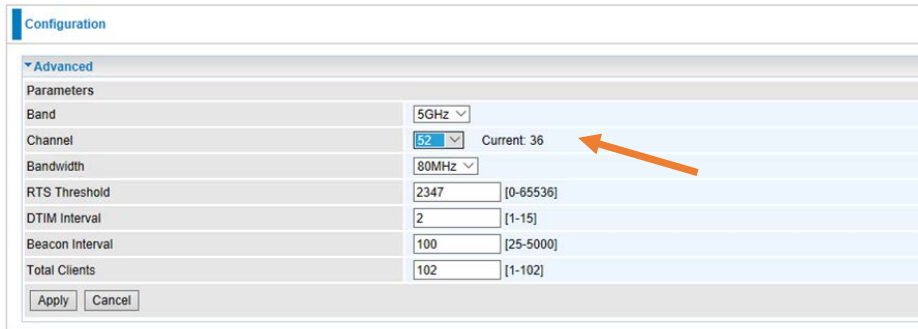
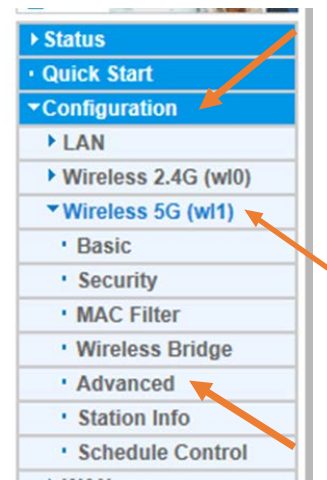
Advanced

Parameters

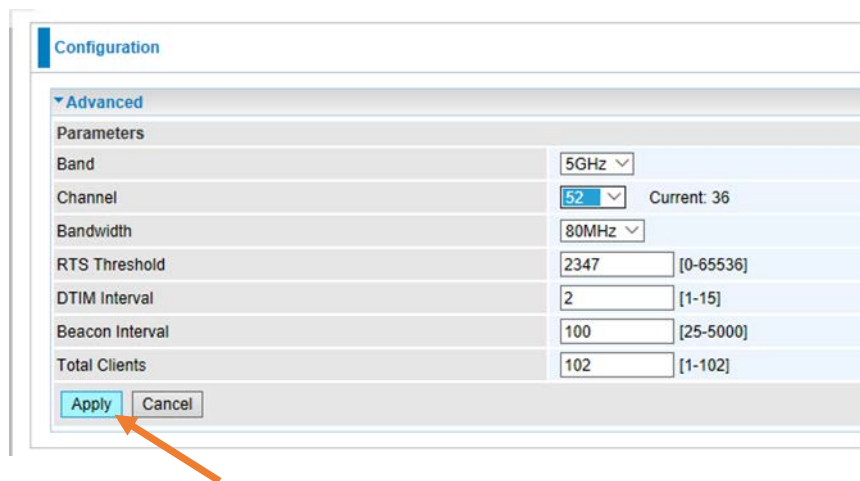
Band	2.4GHz	
Channel	2	Current: 6 (interference: acceptable) Scan Used Channel
Auto Channel Timer	1440	minutes
802.11n/EWC	Auto	
Bandwidth	20MHz	Current: 20MHz
Control Sideband	Lower	Current: N/A
802.11n Rate	Auto	
802.11n Protection	Auto	
Support 802.11n Client Only	Off	
OBSS Coexistence	Disable	
Turbo QAM	Disable	
RTS Threshold	2347	[0-2347]
DTIM Interval	1	[1-255]
Beacon Interval	100	[1-65535]
Global Max. Clients	16	[1-128]
WMM(Wi-Fi Multimedia)	Enable	

Apply Cancel

- You will need to repeat the speeds for the 5GHz bands, you need to click on Configuration > Wireless 5G > Advanced which are all located to the left hand side of the page.
- You will then come to the screen shown in the image below. To change your wireless channel you need to select a number from the drop down list highlighted



- Once you have selected your desired wireless channel, scroll down using the slider on the right hand side and click Save.



If your selected channel does not improve your wireless connection then go back to step 4 and select an alternate channel.