

Wireless Setup Guide for Dynalink RTA1046VW

1. Ensure your computer is connected to your Billion modem with an Ethernet cable
2. Open your web browser (e.g. Internet Explorer, Mozilla Firefox, Google Chrome, etc)
3. Enter the following into the address bar: **192.168.1.1**
4. You will be prompted to enter a username and password
 - **Username:** admin
 - **Password:** admin
5. On the top menu, click on **Wireless**
6. Check the box for **Enable Wireless Network**
7. Change the **ESSID** to something that is unique. The ESSID differentiates one WLAN from another.
8. Then click **Apply** at the bottom.

Enable Wireless Network

Wireless Interface	Network Name (SSID)	Hide Network	User Isolation	Maximum Users	Enabled
Wireless main network	My home wireless	<input type="checkbox"/>	Off ▾	128	<input checked="" type="checkbox"/>
Wireless.2		<input type="checkbox"/>	Off ▾	128	<input type="checkbox"/>
Wireless.3		<input type="checkbox"/>	Off ▾	128	<input type="checkbox"/>
Wireless.4		<input type="checkbox"/>	Off ▾	128	<input type="checkbox"/>

Transmission Mode: 802.11b/g/n mixed mode ▾

Channel: 11 ▾ (Select Best Quality Channel Automatically)

Transmission Rate: Auto ▾

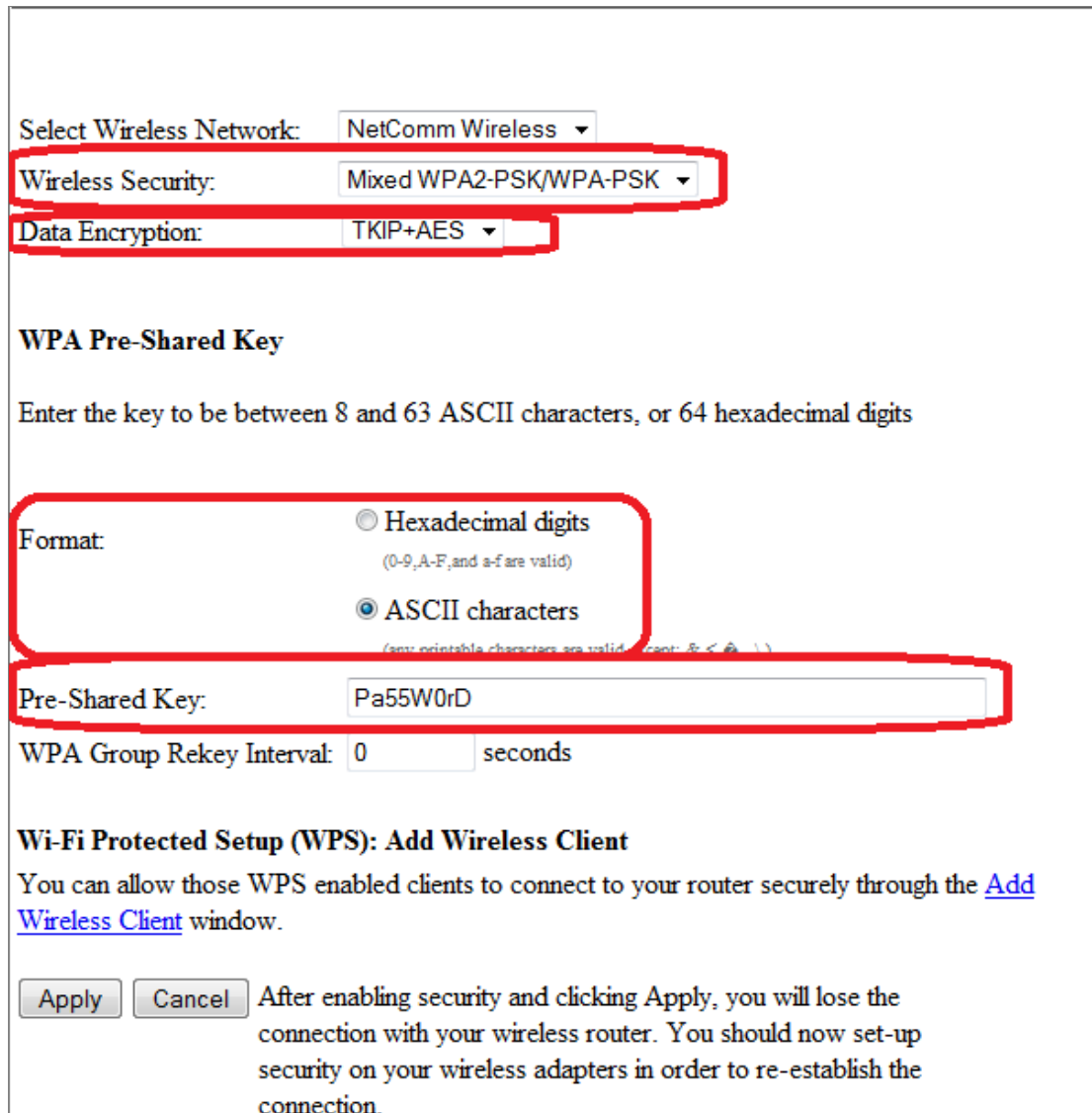
Multicast Rate: Auto ▾

Turbo Mode: Disabled Enabled

Disabled Enabled

Afterburner: If WMM is enabled, the Afterburner function will be disabled automatically.

9. Click on **Security** on the left side menu
10. For **Wireless Security** - select Mixed WPA2-PSK/WPA-PSK
11. For **Data Encryption** - select TKIP+AES
12. For **Format** - select ASCII Characters
13. Type a unique password for **Pre-Shared Key**



Select Wireless Network: NetComm Wireless

Wireless Security: Mixed WPA2-PSK/WPA-PSK

Data Encryption: TKIP+AES

WPA Pre-Shared Key

Enter the key to be between 8 and 63 ASCII characters, or 64 hexadecimal digits

Format:

- Hexadecimal digits
(0-9,A-F,and a-f are valid)
- ASCII characters
(any printable characters are valid, except: < > " \ \)

Pre-Shared Key: Pa55W0rD

WPA Group Rekey Interval: 0 seconds

Wi-Fi Protected Setup (WPS): Add Wireless Client

You can allow those WPS enabled clients to connect to your router securely through the [Add Wireless Client](#) window.

After enabling security and clicking Apply, you will lose the connection with your wireless router. You should now set-up security on your wireless adapters in order to re-establish the connection.

A Shared key is the password required to login to your wireless connection. When a computer tries to connect to your Network, they will be asked to enter a Pre-Shared Key.

Creating a Pre-shared Key:

- Must have a minimum of 8 alphanumeric characters
- Case sensitive

14. Click Apply at the bottom to save the settings