



## How to Secure Wireless



This document will detail how to secure the wireless on the DSL-2730B.



## NOTE:

The DSL-2730B is a Wireless N 150 modem / router that can achieve speeds of up to **150Mbps** using compatible wireless adapters.

- 1. Log in to the modem with the computer connected to the modem via Ethernet.
  - URL: <u>http://192.168.1.1</u> (default)
  - Username: admin
  - Password: admin (default)
  - Graphic Authentication: (randomly generated)

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2. Select the **WIRELESS** button in the left menu.



3. Select **BASIC SETTINGS** to make changes to the network name and visibility of the network.

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- 4. Change the **WIRELESS NETOWRK NAME (SSID)** to a name you wish to call your network e.g. in this example, we have left the default name *DSL-2730B*.
  - You may change the wireless channel from 'Auto Scan' to a single channel if you are experiencing signal issues (channels 1, 6 and 11 are recommended).



- 5. Click APPLY to activate the changes
- 6. Select WIRELESS SETTINGS from the left menu and click WIRELESS SECURITY.



- 7. Select the preferred wireless *Security Mode* from the drop down menu.
- Recommended: WPA2 Only.

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Wireless Settin	changes made	on this section will also need to	be duplicated to your wirel	ess clients and PC.	write down the encryption key that you	
Local Network					have configured. You will need to enter this	
Time and Date	WIRELESS SE	CURITY MODE			information on any wireless device that you connect to	
Logout	To protect you three wireless encryption stan Security Mode Please take note o your wireless devic	r privacy you can configure wir centry modes including: WEP, faird. WPA and WPA2 provide: :: None f your SSID and sect water with the second sector water with the second second second second water with the second second second second second water with the second secon	eless security features. This WPA and WPA2. WEP is th a higher level of security. (PA or WPA2) UPA or WPA2) UPA creation of the security. (PA or WPA2) UPA creation of the security. (PA or WPA2) UPA creation of the security.	device supports e original wireless the same settings to	your wireless network. More	E
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- 8. Leave the other fields below as default and insert a password / key which will be used to connect your wireless clients to the network.
  - WPA Mode: WPA-PSK
  - Group Key Update Interval: 3600
  - Pre-Shared Key (password): create a password with a minimum of 8 characters e.g. *passw0rdexample* was used in this guide.

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	Security Mode :       WPA2 Only         WPA         Use WPA or WPA2 mode to achieve a balance of strong security and best compatibility. This mode uses WPA for legacy clients while maintaining higher security with stations that are WPA2 capable. Also the strongest client that the client supports will be used. For best security, use WPA2 Only mode. This mode uses ASIC CMP) cpiter and legacy stations are not allowed access with WPA security. For maximum compatibility, use WPA2 Only. This mode uses ASIC CMP) cpiter and legacy stations are not allowed access with WPA security. For maximum compatibility, use WPA2 Only. This mode uses ASIC CMP) cpiter ante gaming and legacy devices work only in this mode.         To achieve better wireless performance use WPA2 Only security mode (or in other words AES cpher).         WPA-PSK does not require an authentication server. The WPA option requires an external RADIUS server.		
	If select the WPA-Enterprise mode ,the settings will take effect after rebooted the device. WPA Mode : WPA-PSK ▼ Group Key Update Interval : 3600 (seconds)  PRE-SHARED KEY  The Pre-Shared Key should be between 8 and 63 ASCII characters, or 64 hexadecimal digits. Pre-Shared Key : passw0rdex[ample]	Ī	E
Done	Please take note of your SSID and security Key as you will need to duplicate the same settings to your wreless devices and PC.  Apply Cancel  Apply Cancel	Iternet   Protected Mode: Off	

- 9. Click APPLY to save and activate the changes.
- 10. On the wireless client, enable the wireless switch (WLAN) if available and scan for wireless networks.
  - Example below is from a Windows 7 laptop connecting to a wireless network.
- 11. Click on the '**bar graph'** in the task tray, followed by selecting your network from the list and click *Connect*.



- 12. You will be prompted for the network key.
  - Enter the key you created in step 8 of this guide.

🔮 Connect to a Network						
Type the network security key						
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