

# DIR-815 Applying WPA-PSK Encryption

1. Using an Internet Browser type into the URL:

<http://192.168.0.1>

Product Page : DIR-815 Firmware Version : 1.01\_patch02

**D-Link**

**LOGIN**

Login to the router :

User Name : admin

Password :

Login

**WIRELESS**

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Type in your Password if you have changed it, or leave it blank and then click on the Login button.

2. Click on the [WIRELESS SETTINGS] menu > [Manual Wireless Network Setup]

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**D-Link**

DIR-815 // **SETUP** ADVANCED TOOLS STATUS SUPPORT

INTERNET

**WIRELESS SETTINGS**

NETWORK SETTINGS

IPv6

**WIRELESS SETTINGS**

The following Web-based wizards are designed to assist you in your wireless network setup and wireless device connection.

Before launching these wizards, please make sure you have followed all steps outlined in the Quick Installation Guide included in the package.

**WIRELESS NETWORK SETUP WIZARD**

This wizard is designed to assist you in your wireless network setup. It will guide you through step-by-step instructions on how to set up your wireless network and how to make it secure.

Wireless Connection Setup Wizard

**Note:** Some changes made using this Setup Wizard may require you to change some settings on your wireless client adapters so they can still connect to the D-Link Router.

**ADD WIRELESS DEVICE WITH WPS (WI-FI PROTECTED SETUP) WIZARD**

This wizard is designed to assist you in connecting your wireless device to your wireless router. It will guide you through step-by-step instructions on how to get your wireless device connected. Click the button below to begin.

Add Wireless Device with WPS

**MANUAL WIRELESS NETWORK SETUP**

If your wireless network is already set up with Wi-Fi Protected Setup, manual configuration of the wireless network will destroy the existing wireless network. If you would like to configure the wireless settings of your new D-Link Systems Router manually, then click on the Manual Wireless Network Setup button below.

Manual Wireless Connection Setup

**Helpful Hints...**

- If you already have a wireless network setup with Wi-Fi Protected Setup, click on **Add Wireless Device with WPS** to add new device to your wireless network.
- If you are new to wireless networking and have never configured a wireless router before, click on **Wireless Connection Setup Wizard** and the router will guide you through a few simple steps to get your wireless network up and running.
- If you consider yourself an advanced user and have configured a wireless router before, click **Manual Wireless Connection Setup** to input all the settings manually.

**WIRELESS**

# DIR-815 Applying WPA-PSK Encryption

Once you have access to the Wireless Setup page, there are only a couple of adjustments needed to be made, You can setup 2.4GHz and 5.0GHz Wireless Settings from this page.

3. Under the WIRELESS SECURITY MODE heading select from the dropdown "WPA-Personal".

### WIRELESS NETWORK SETTINGS

**Wireless Band : 2.4GHz Band**

**Enable Wireless :**  Always

**Wireless Network Name :**  (Also called the SSID)

**Enable Auto Channel Selection :**

**Wireless Channel :**

**Transmission Rate :**  (Mbit/s)

**Wireless Mode :**

**Band Width :**

**WMM Enable :**  (Wireless QoS)

**Enable Hidden Wireless :**  (Also called the SSID Broadcast)

### WIRELESS SECURITY MODE

**Security Mode :**

### WPA/WPA2

WPA/WPA2 requires stations to use high grade encryption and authentication.

**Cipher Type :**

**PSK / EAP :**

**Network Key :**   
(8~63 ASCII or 64 HEX)

### WIRELESS NETWORK SETTINGS

**Wireless Band :** 5GHz Band

**Enable Wireless :**  Always  New Schedule

**Wireless Network Name :**  (Also called the SSID)

**Enable Auto Channel Selection :**

**Wireless Channel :**

**Transmission Rate :**  (Mbit/s)

**Wireless Mode :**

**Band Width :**

**WMM Enable :**  (Wireless QoS)

**Enable Hidden Wireless :**  (Also called the SSID Broadcast)

### WIRELESS SECURITY MODE

**Security Mode :**

### WPA/WPA2

WPA/WPA2 requires stations to use high grade encryption and authentication.

**Cipher Type :**

**PSK / EAP :**

**Network Key :**   
(8~63 ASCII or 64 HEX)

It is recommended to change the Wireless Network Name (SSID) to a name of your liking, in this example it is called "Create Your Own Name". Enable Auto Channel Selection can be enabled however it is not mandatory. The Wireless Channel can be changed, Channel's 1, 6 and 11 are non overlapping and are recommended.

Under the WIRELESS SECURITY MODE heading select from the dropdown "WPA-Personal".

Under the WPA heading the Cipher Type and PSK/EAP settings are recommended on their default setting. The PRE-SHARED KEY section is where you type in a password for your Wireless, it can be alphanumeric and a minimum of 8 characters. The Network Key is considered to be your Wireless Password. REMEMBER IT!

5. Now proceed to click on the Save Settings button.

6. WPA-PSK Encryption is now configured.

### ***IMPORTANT:***

*If you decide to change your Wireless Encryption password, you will need to remove your existing Wireless Profile or edit it to reflect the new changes.*

*Please remember to ensure your DIR-815 has the most current firmware version applied. To apply this firmware, please refer to the Technical Support Knowledge Base.*