

# How to change the channel?

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Example: Your router's wireless performance may be affected by interference from other nearby routers. You can change the wireless channel to one which has less interference.

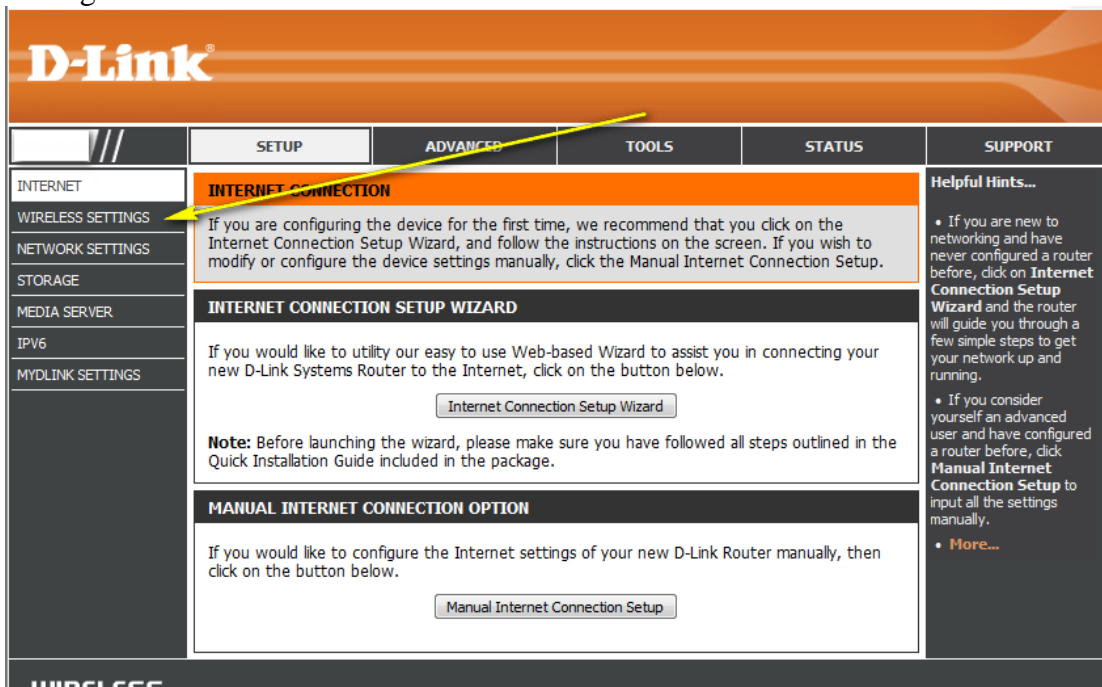
Step 1: Open your Internet browser and enter `http://dlinkrouter`, `http://dlinkrouter.local`, or `http://192.168.0.1` into the address bar.



The default username is Admin and the password should be left blank. Click **Login**.



Step 2: Click on the Setup tab at the top of the configuration page and then click Wireless Settings from the menu on the left-hand side.



Step 3: Click on the **Manual Wireless Connection Setup**

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**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](#)

**WIRELESS**

**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.
- [More...](#)

## Step 4: Uncheck the “Enable Auto Channel Scan” box

**D-Link**

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**WIRELESS NETWORK**

Use this section to configure the wireless settings for your D-Link router. Please note that changes made in this section may also need to be duplicated on your wireless client.

To protect your privacy you can configure wireless security features. This device supports three wireless security modes including: WEP, WPA and WPA2.

[Save Settings](#)   [Don't Save Settings](#)

**WIRELESS NETWORK SETTINGS**

**Wireless Band :** 2.4GHz Band

**Enable Wireless :**  Always [New Schedule](#)

**Wireless Network Name :** dlink-4871 (Also called the SSID)

**802.11 Mode :** Mixed 802.11n, 802.11g and 802.11b

**Enable Auto Channel Scan :**

**Wireless Channel :** 2.412 GHz - CH 1

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

**Channel Width :** 20/40 MHz (Auto)

**Visibility Status :**  Visible  Invisible

**Helpful Hints...**

- Changing your Wireless Network Name is the first step in securing your wireless network. We recommend that you change it to a familiar name that does not contain any personal information.
- Enable Auto Channel Selection let the router can select the best possible channel for your wireless network to operate on.
- Enabling Hidden Mode is another way to secure your network. With this option enabled, no wireless clients will be able to see your wireless network when they perform a scan to see what's available. In order for your wireless devices to connect to your router, you will need to

## Step 5: Select a channel from the drop-down menu. For best results, use channel 1, 6, or 11.

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The screenshot shows the D-Link router's configuration interface. The 'WIRELESS NETWORK' section is active, displaying the following settings:

- Wireless Band : 2.4GHz Band
- Enable Wireless :  Always  New Schedule
- Wireless Network Name : dlink-4871 (Also called the SSID)
- 802.11 Mode : Mixed 802.11n, 802.11g and 802.11b
- Enable Auto Channel Scan :
- Wireless Channel : 2.412 GHz - CH 1 (indicated by a yellow arrow)
- Transmission Rate : Best (automatic) (Mbit/s)
- Channel Width : 20/40 MHz(Auto)
- Visibility Status :  Visible  Invisible

Helpful Hints...:

- Changing your Wireless Network Name is the first step in securing your wireless network. We recommend that you change it to a familiar name that does not contain any personal information.
- Enable Auto Channel Selection let the router can select the best possible channel for your wireless network to operate on.
- Enabling Hidden Mode is another way to secure your network. With this option enabled, no wireless clients will be able to see your wireless network when they perform a scan to see what's available. In order for your wireless devices to connect to your router, you will need to

Step 6: Click **Save Settings** to save your configuration.

Note: In most cases, you only need to change the channel on the router. Most wireless adapters will automatically detect the channel used by your wireless network.