

# Using the Configuration Menu (continued)

## Tools> Admin

The screenshot shows the D-Link configuration interface for a DI-524 router. The page title is 'Tools > Admin'. The router model is 'DI-524' and the device is identified as an '802.11g/2.4GHz Wireless Router'. The navigation menu includes 'Home', 'Advanced', 'Tools' (selected), 'Status', and 'Help'. The 'Administrator Settings' section allows changing the login password for two accounts: 'Administrator (The Login Name is "admin")' and 'User (The Login name is "user")'. Each account has 'New Password' and 'Reconfirm Password' fields. The 'Remote Management' section is currently disabled, with radio buttons for 'Enabled' and 'Disabled'. It includes an 'IP Address' field (0.0.0.0) and a 'Port' dropdown menu (8080). At the bottom right, there are three buttons: 'Apply' (green checkmark), 'Cancel' (orange X), and 'Help' (red plus).

At this page, the DI-524 administrator can change the system password. There are two accounts that can access the Broadband Router's Web-Management interface. They are admin and user. Admin has read/write access while user has read-only access. User can only view the settings but cannot make any changes.

**Administrator-** **admin** is the **Administrator login name**

**Password-** Enter the password and enter again to confirm

**User-** **user** is the **User login name**

**Password-** Enter the password and enter again to confirm

**Remote Management-** Remote management allows the DI-524 to be configured from the Internet by a web browser. A username and password is still required to access the Web-Management interface. In general, only a member of your network can browse the built-in web pages to perform **Administrator** tasks. This feature enables you to perform Administrator tasks from the remote (Internet) host.

**IP Address-** The Internet IP address of the computer that has access to the Broadband Router. If you input an asterisk (\*) into this field, then any computer will be able to access the Router. Putting an asterisk (\*) into this field would present a security risk and is not recommended.

**Port-** The port number used to access the Broadband Router.

**Example-** <http://x.x.x.x:8080> where x.x.x.x is the WAN IP address of the Broadband Router and 8080 is the port used for the Web-Mangement interface.

# Using the Configuration Menu (continued)

## Tools > Time

The screenshot shows the configuration page for a D-Link DI-524 wireless router. The page title is "AirPlus™ G 802.11g/2.4GHz Wireless Router". The navigation tabs are "Home", "Advanced", "Tools" (selected), "Status", and "Help". On the left sidebar, there are buttons for "Admin", "Time" (highlighted in yellow), "System", "Firmware", and "Misc". The main content area is titled "Time" and contains the following settings:

- Set the DI-524 system time.  
Device Time : Fri Aug 13 03:07:49 2004
- Enable NTP  
Default NTP Server: \_\_\_\_\_ (Optional)
- Time Zone: (GMT-08:00)Pacific Time (US & Canada) [dropdown]
- Set Device Date and Time  
Year: 2004 [dropdown] Month: Aug [dropdown] Day: 13 [dropdown]  
Hour: 00 [dropdown] Minute: 00 [dropdown] Second: 00 [dropdown]
- Daylight Saving  
 Enable  Disable  
Start: Jan [dropdown] 01 [dropdown] End: Jan [dropdown] 01 [dropdown]

At the bottom right, there are three buttons: "Apply" (with a green checkmark icon), "Cancel" (with a yellow 'X' icon), and "Help" (with a red plus icon).

### Default NTP Server-

NTP is short for *Network Time Protocol*. NTP synchronizes computer clock times in a network of computers. This field is optional.

### Time Zone-

Set Device Date and Time: To manually input the time. Enter the values in these fields for the Year, Month, Day, Hour, Minute, and Second.

### Set the Time-

To manually input the time, enter the values in these fields for the Year, Month, Day, Hour, Minute, and Second. Click **Set Time**.

### Daylight Saving-

To select Daylight Saving time manually, select **enabled** or **disabled**, and enter a start date and an end date for daylight saving time.

# Using the Configuration Menu (continued)

Tools > System



The current system settings can be saved as a file onto the local hard drive. The saved file or any other saved setting file can be loaded back on the Broadband Router. To reload a system settings file, click on **Browse** to browse the local hard drive and locate the system file to be used. You may also reset the Broadband Router back to factory settings by clicking on **Restore**.

## Save Settings to Local Hard Drive-

Click **Save** to save the current settings to the local Hard Drive

## Load Settings from Local Hard Drive-

Click **Browse** to find the settings, then click **Load**

## Restore to Factory Default Settings-

Click **Restore** to restore the factory default settings

# Using the Configuration Menu (continued)

## Tools > Firmware

The screenshot shows the configuration interface for a D-Link DI-524 router. The top navigation bar includes 'Home', 'Advanced', 'Tools' (highlighted in yellow), 'Status', and 'Help'. The 'Tools' section is titled 'Firmware Upgrade'. It contains a text block explaining that there may be new firmware available to improve functionality and performance, with a 20-second upgrade procedure. Below this, it displays the 'Current Firmware Version: V1.00' and 'Firmware Date: Mon, Oct 4 2004'. A file selection field with a '浏览...' (Browse) button is present. At the bottom right, there are three icons: a green checkmark for 'Apply', an orange 'X' for 'Cancel', and a red plus sign for 'Help'. On the left side of the interface, there is a sidebar with a router image and buttons for 'Admin', 'Time', 'System', 'Firmware' (highlighted in yellow), and 'Misc'.

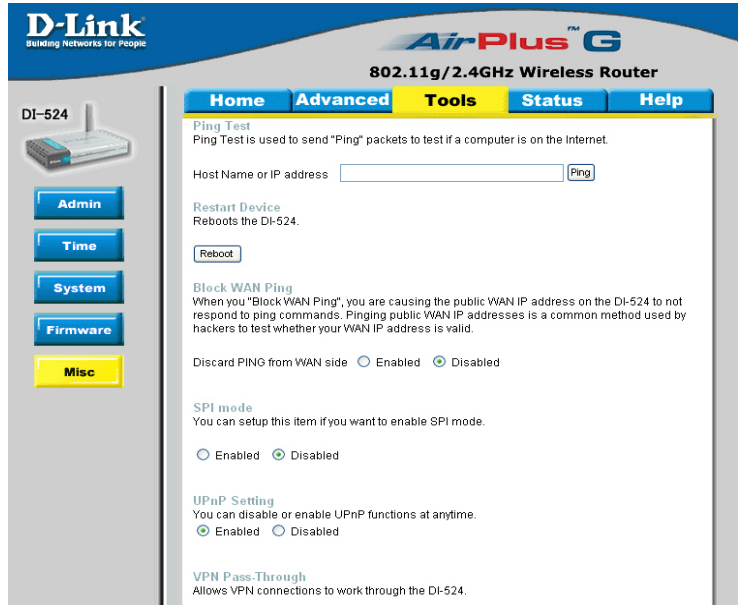
You can upgrade the firmware of the Router here. Make sure the firmware you want to use is on the local hard drive of the computer. Click on **Browse** to browse the local hard drive and locate the firmware to be used for the update. Please check the D-Link support site for firmware updates at <http://support.dlink.com>. You can download firmware upgrades to your hard drive from the D-Link support site.

**Firmware Upgrade-** Click on the link in this screen to find out if there is an updated firmware; if so, download the new firmware to your hard

**Browse-** After you have downloaded the new firmware, click **Browse** in this window to locate the firmware update on your hard drive. Click **Apply** to complete the firmware upgrade.

# Using the Configuration Menu (continued)

## Tools > Misc



### Ping Test-

The Ping Test is used to send Ping packets to test if a computer is on the Internet. Enter the IP Address that you wish to Ping, and click **Ping**

### Restart Device-

Click **Reboot** to restart the DI-524

### Block WAN Ping-

If you choose to block WAN Ping, the WAN IP Address of the DI-524 will not respond to pings. Blocking the Ping may provide some extra security from hackers.

#### Discard Ping from WAN side-

Click **Enabled** to block the WAN ping

### UPNP-

To use the *Universal Plug and Play* feature click on **Enabled**. UPNP provides compatibility with networking equipment, software and peripherals of the over 400 vendors that cooperate in the Plug and Play forum.

### VPN Pass Through-

The DI-524 supports VPN (Virtual Private Network) pass-through for both PPTP (Point-to-Point Tunneling Protocol) and IPSec (IP Security). Once VPN pass-through is enabled, there is no need to open up virtual services. Multiple VPN connections can be made through the DI-524. This is useful when you have many VPN clients on the LAN network.

**PPTP-** select **Enabled** or **Disabled**

**IPSec-** select **Enabled** or **Disabled**

# Using the Configuration Menu (continued)

## Status > Device Info

The screenshot shows the D-Link configuration interface for a DI-524 router. The page title is "AirPlus™ G 802.11g/2.4GHz Wireless Router". The navigation menu includes Home, Advanced, Tools, Status (selected), and Help. The left sidebar shows "DI-524" with a device icon and buttons for "Device Info" (highlighted), "Log", "Stats", and "Wireless". The main content area is titled "Device Information" and shows the following details:

- Firmware Version:** V1.00, Mon, Oct 4 2004
- LAN**
  - MAC Address: 00-50-18-21-B7-54
  - IP Address: 192.168.0.1
  - Subnet Mask: 255.255.255.0
  - DHCP Server: Enabled
- WAN**
  - MAC Address: 00-50-18-21-B7-53
  - Connection: PPPoE Disconnected (with Connect and Disconnect buttons)
  - IP Address: 0.0.0.0
  - Connection Time: -
  - Subnet Mask: 0.0.0.0
  - Gateway: 0.0.0.0
  - Domain Name Server: 0.0.0.0
- Wireless**
  - MAC Address: 00-50-18-21-B7-54
  - ESSID: default
  - Security: None
  - Channel: 6

This page displays the current information for the DI-524. It will display the LAN, WAN and MAC address information.

If your WAN connection is set up for a **Dynamic IP address** then a **Release** button and a **Renew** button will be displayed. Use *Release* to disconnect from your ISP and use *Renew* to connect to your ISP.

If your WAN connection is set up for **PPPoE**, a **Connect** button and a **Disconnect** button will be displayed. Use *Disconnect* to drop the PPPoE connection and use *Connect* to establish the PPPoE connection.

This window will show the DI-524's working status:

### WAN

IP Address: WAN/Public IP Address  
Subnet Mask: WAN/Public Subnet Mask  
Gateway: WAN/Public Gateway IP Address  
Domain Name Server: WAN/Public DNS IP Address  
WAN Status: WAN Connection Status

### LAN

IP Address: LAN/Private IP Address of the DI-524  
Subnet Mask: LAN/Private Subnet Mask of the DI-524

### Wireless

MAC Address: Displays the MAC address  
SSID: Displays the current SSID  
Channel: Displays the current channel  
WEP: indicates whether WEP is enabled or disabled

# Using the Configuration Menu (continued)

## Status > Log

The screenshot shows the D-Link configuration interface for an AirPlus G 802.11g/2.4GHz Wireless Router. The top navigation bar includes 'Home', 'Advanced', 'Tools', 'Status' (highlighted in yellow), and 'Help'. On the left sidebar, there are buttons for 'Device Info', 'Log' (highlighted in yellow), 'Stats', and 'Wireless'. The main content area is titled 'View Log' and contains the following text:

View Log displays the activities occurring on the DI-524. Click on Log Settings for advance features.

Navigation buttons: First Page, Last Page, Previous, Next, Clear, Log Settings. A red cross icon labeled 'Help' is also present.

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WAN Type: PPP over Ethernet (V1.00)  
Display time: Fri Aug 13 03:31:02 2004

Log entries (all from 2004年8月13日 上午 03:00):

- 03:00:49 DOD:triggered internally
- 03:00:49 PPPoE start to dial-up
- 03:00:49 PADI sent
- 03:00:49 PADI sent
- 03:00:50 PADI sent
- 03:00:53 DOD:triggered internally
- 03:00:53 PPPoE start to dial-up
- 03:00:53 PADI:3com sent
- 03:00:53 PADI:3com sent
- 03:00:54 PADI:3com sent

The Broadband Router keeps a running log of events and activities occurring on the Router. If the device is rebooted, the logs are automatically cleared. You may save the log files under Log Settings.

### View Log-

**First Page** - The first page of the log

**Last Page** - The last page of the log

**Previous** - Moves back one log page

**Next** - Moves forward one log page

**Clear** - Clears the logs completely

**Log Settings** - Brings up the page to configure the log

# Using the Configuration Menu (continued)

Status > Log > Log Settings

The screenshot shows the configuration interface for a D-Link AirPlus G 802.11g/2.4GHz Wireless Router. The page has a blue header with the D-Link logo and the product name. Below the header, there are navigation tabs: Home, Advanced, Tools, Status (highlighted in yellow), and Help. The main content area is titled "Log Settings" and contains the following fields and options:

- Log Settings**: Logs can be saved by sending it to an admin email address or to a syslog server.
- E-mail Alert**:
  - SMTP Server / IP Address:
  - Email Address:
  - E-mail Subject:
- Syslog**:
  - Syslog Server IP Address: 192.168.0.   Enabled  Disabled
  - Log Type:
    - System Activity
    - Debug Information
    - Attacks
    - Dropped Packets
    - Notice

At the bottom right, there are three buttons: Apply (with a green checkmark icon), Cancel (with an orange X icon), and Help (with a red plus icon).

Not only does the Broadband Router display the logs of activities and events, it can setup to send these logs to another location.

**SMTP Server/  
IP Address -**

The address of the SMTP server that will be used to send the logs

**Email Address -**

The email address to which the logs will be sent.  
Click on **Send Mail Now** to send the email.



# Using the Configuration Menu (continued)

## Status > Stats

The screenshot shows the configuration page for a D-Link DI-524 router. The page title is "802.11g/2.4GHz Wireless Router". The navigation tabs are "Home", "Advanced", "Tools", "Status" (selected), and "Help". The "Stats" button in the left sidebar is highlighted in yellow. The main content area is titled "Traffic Statistics" and contains the text: "Traffic Statistics display Receive and Transmit packets passing through the DI-524." Below this text are "Refresh" and "Reset" buttons. A table displays traffic statistics for WAN, LAN, and Wireless ports, categorized by Receive and Transmit packets. A red plus icon and the word "Help" are located in the bottom right corner of the main content area.

	Receive	Transmit
WAN	0 Packets	2037 Packets
LAN	4091 Packets	3509 Packets
Wireless	0 Packets	2037 Packets

The screen above displays the Traffic Statistics. Here you can view the amount of packets that pass through the DI-524 on both the WAN and the LAN ports. The traffic counter will reset if the device is rebooted.

## Status > Wireless

The screenshot shows the configuration page for a D-Link DI-524 router. The page title is "802.11g/2.4GHz Wireless Router". The navigation tabs are "Home", "Advanced", "Tools", "Status" (selected), and "Help". The "Wireless" button in the left sidebar is highlighted in yellow. The main content area is titled "Connected Wireless Client List" and contains the text: "The Wireless Client table below displays Wireless clients Connected to the AP (Access Point)." Below this text is a "Refresh" button. A table displays the connection time and MAC address of the connected wireless clients. A red plus icon and the word "Help" are located in the bottom right corner of the main content area.

Connected Time	MAC Address
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The wireless client table displays a list of current connected wireless clients. This table also displays the connection time and MAC address of the connected wireless client.

Click on **Help** at any time, for more information.

# Networking Basics

## Using the Network Setup Wizard in Windows XP

In this section you will learn how to establish a network at home or work, using **Microsoft Windows XP**.

*Note: Please refer to websites such as <http://www.homenethelp.com> and <http://www.microsoft.com/windows2000> for information about networking computers using Windows 2000, ME or 98.*

Go to **Start>Control Panel>Network Connections**

Select **Set up a home or small office network**



When this screen appears, **Click Next**.