

D-LINK *AirPro* DI-764

**2.4 GHz / 5 GHz Multimode
Wireless Broadband Router**

Manual

D-Link

Building Networks for People

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Package Contents



Contents of Package:

- **D-Link AirPro DI-764 2.4GHz/5GHz Multimode Wireless Broadband Router**
- Power Adapter – 5V DC, 3.0A
- Manual on CD
- Quick Installation Guide
- Ethernet Cable

Note: Using a power supply with a different voltage rating than the one included with the DI-764 will cause damage and void the warranty for this product.

If any of the above items are missing, please contact your reseller.

System Requirements For Configuration:

- Computer with Windows, Macintosh, or Linux-based operating system with an installed Ethernet adapter

Introduction

D-Link, a leader in wireless technology, introduces the first integrated multimode 2.4GHz/5GHz wireless broadband router, as part of the high performance D-Link *AirPro* series of wireless networking products.

The new D-Link *AirPro* DI-764 Multimode Wireless Broadband Router is a next generation multimode broadband router that simultaneously serves both 802.11a wireless networks at 54 Mbps (72 Mbps in *Turbo mode**) and 802.11b wireless networks at 11Mbps (22 Mbps with D-Link AirPlus products.) Featuring a breakthrough all-in-one dual band design that delivers future investment protection with the promise of a superior product life cycle and lower total cost of ownership, it is the ideal solution for present and future Wireless Local Area Networks (WLANs).

The DI-764 will automatically obtain an IP address and forward additional IP addresses to multiple clients for a seamless Ethernet network connection and shared Internet access.

At 54Mbps (up to 72Mbps in *Turbo mode**) in the 5GHz frequency range and a simultaneous 11 Mbps (up to 22 Mbps with D-Link AirPlus products) in the 2.4GHz frequency range, the D-Link *AirPro* DI-764 multimode broadband router delivers the fastest standards-based wireless technology in the industry. Based on WiFi technology, as well as IEEE 802.11a and 802.11b standards compliant, this next-generation multimode wireless access point provides excellent network interoperability.

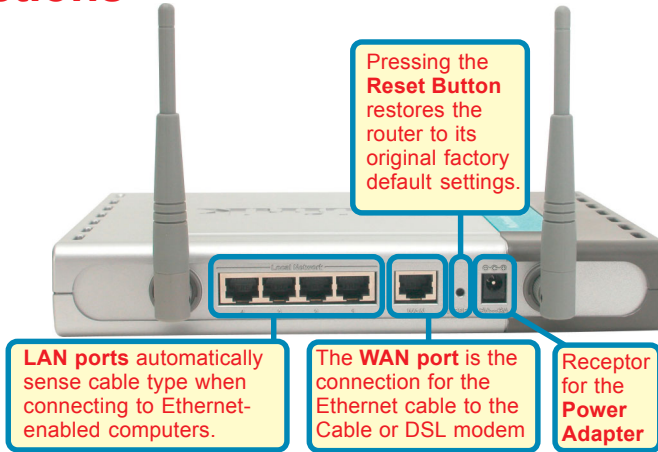
Armed with powerful management and security capabilities, the D-Link *AirPro* DI-764 has an intuitive and secure web-based interface that is powered by an embedded web server.

After completing the steps outlined in the *Quick Installation Guide* (included in your package) not only will you have the ability to share information and resources, but you will also be able to enjoy the freedom that wireless networking delivers, at speeds capable of handling a video stream.

*When used with other D-Link *AirPro* products.

Because of its web-based interface (accessible from most Internet browser applications), the DI-764 will work with most popular operating systems, including Macintosh, Linux and Windows, and can be easily integrated into a large network. This Manual is designed to help you connect the DI-764 with the D-Link 2.4GHz AirPlus or 5GHz AirPro Wireless Adapters into an existing network. *Please take a look at the **Getting Started** section in this manual to see an example of an Infrastructure network using the DI-764.*

Connections



Features & Benefits

- Supports data transfer rates of up to 72 Mbps at 5GHz
- Supports data transfer rates of up to 22 Mbps at 2.4GHz
- Wireless range of up to 900 feet*
- Fully 802.11a and 802.11b compatible
- Supports up to 256-bit WEP Encryption at 2.4GHz, and up to 152-bit, with Enhanced Dynamic Keying at 5 GHz
- Less interference with a total of eleven non-overlapping channels
- Utilizes Direct Sequence Spread Spectrum (DSSS) and Packet Binary Convolutional Code (PBCC) at 2.4GHz
- Utilizes Orthogonal Frequency Division Multiplexing (OFDM) at 5GHz
- Easy-to-use Web-based configuration
- User level security
- 3 Year Warranty (USA only)

*Environmental Factors may Adversely Affect Range.

LEDS

LED stands for **L**ight-**E**mitting **D**iode. The **DI-764** has the following LEDs:

LED	LED Activity
Power	A steady light indicates a connection to a power source
M1	A solid light indicates that the DI-764 is ready
M2	A solid light indicates that the unit is defective
WAN	A solid light indicates connection on the WAN port. This LED blinks during data transmission.
WLAN 802.11a	A solid light indicates that the 802.11a wireless segment is ready. The LED blinks during 802.11a wireless data transmission.
WLAN 802.11b	A solid light indicates that the 802.11b wireless segment is ready (when the DWL-650+ is installed.) The LED blinks during 802.11b wireless data transmission.
Local Network (Ports 1-4)	A solid light indicates a connection, a blinking light indicates data transmission to an Ethernet-enabled computer on ports 1-4.

Wireless Basics

D-Link *AirPro* wireless products are based on industry standards to provide easy-to-use and compatible high-speed wireless connectivity within your home, business or public access wireless networks. Strictly adhering to the IEEE standard, the D-Link *AirPro* wireless family of products will allow you to securely access the data you want, when and where you want it. You will be able to enjoy the freedom that wireless networking delivers.

A wireless local area network (WLAN) is a cellular computer network that transmits and receives data with radio signals instead of wires. Wireless LANs are used increasingly in both home and office environments, and public areas such as airports, coffee shops and universities. Innovative ways to utilize WLAN technology are helping people to work and communicate

Wireless Basics

more efficiently. Increased mobility and the absence of cabling and other fixed infrastructure have proven to be beneficial for many users.

Wireless users can use the same applications they use on a wired network. Wireless adapter cards used on laptop and desktop systems support the same protocols as Ethernet adapter cards.

Under many circumstances, it may be desirable for mobile network devices to link to a conventional Ethernet LAN in order to use servers, printers or an Internet connection supplied through the wired LAN. A Wireless Router is a device used to provide this link.

People use wireless LAN technology for many different purposes:

Mobility - Productivity increases when people have access to data in any location within the operating range of the WLAN. Management decisions based on real-time information can significantly improve worker efficiency.

Low Implementation Costs – WLANs (Wireless Local Area Networks) are easy to set up, manage, change and relocate. Networks that frequently change, both physically and logically, can benefit from WLANs ease of implementation. WLANs can operate in locations where installation of wiring may be impractical.

Installation Speed and Simplicity - Installing a wireless LAN system can be fast and easy and can eliminate the need to pull cable through walls and ceilings.

Network Expansion - Wireless technology allows the network to go where wires cannot go.

Scalability – Wireless Local Area Networks (WLANs) can be configured in a variety of topologies to meet the needs of specific applications and installations. Configurations are easily changed and range from peer-to-peer networks suitable for a small number of users to larger infrastructure networks to accommodate hundreds or thousands of users, depending on the number of wireless devices deployed.

Wireless Basics

The DI-764 is compatible with other **D-Link AirPro 802.11a** products, which include:

- ◆ 5GHz Wireless Cardbus Adapters used with laptop computers (DWL-A650)
- ◆ 5GHz Wireless PCI Adapters used with desktop computers (DWL-A520)

The DI-764 is also compatible with the **D-Link AirPlus 802.11b** wireless family, which includes:

- ◆ Enhanced 2.4GHz Wireless Cardbus Adapters used with laptop computers (DWL-650+)
- ◆ Enhanced 2.4GHz Wireless PCI cards used with desktop computers (DWL-520+)

Standards-Based Technology

The versatile DI-764 Multimode Wireless Broadband Router integrates both 802.11a and 802.11b standards into a single unit.

The IEEE **802.11a** standard designates that devices may operate at an optimal data rate of 54 Mbps (72 Mbps in proprietary *Turbo* mode.) This means that in most environments, within the specified range of this device, you will be able to transfer large files quickly or even watch a movie in MPEG format over your network without noticeable delays. This technology works by transmitting high-speed digital data over a radio wave utilizing **OFDM** (Orthogonal Frequency Division Multiplexing) technology. **OFDM** works by splitting the radio signal into multiple smaller sub-signals that are then transmitted simultaneously at different frequencies to the receiver. **OFDM** reduces the amount of **crosstalk** (interference) in signal transmissions. D-Link *AirPro* 802.11a products will automatically sense the best possible connection speed to ensure the greatest speed and range possible.

Based on the IEEE **802.11b** standard, the DI-764 is also interoperable with existing compatible 2.4GHz wireless technology with data transfer speeds of up to 22Mbps (with the D-Link *AirPlus* family of wireless devices,) as well as standard 802.11b technology (the D-Link *Air* family of wireless devices), with speeds of up to 11Mbps.

Wireless Basics

Installation Considerations

The D-Link *AirPro* DI-764 lets you access your network, using a wireless connection, from virtually anywhere. Keep in mind, however, that the number, thickness and location of walls, ceilings or other objects that the wireless signals must pass through may limit the range. Typical ranges vary depending on the types of materials and background RF (radio frequency) noise in your home or business. The key to maximizing wireless range is to follow these basic guidelines:

1. Keep the number of walls and ceilings between the DI-764 and your receiving device (e.g., the DWL-A650 or the DWL-650+) to a minimum - each wall or ceiling can reduce your D-Link *AirPro* Wireless product's range from 3-90 feet (1-30 meters.) Position your receiving devices so that the number of walls or ceilings is minimized.
2. Be aware of the direct line between routers and computers. A wall that is 1.5 feet thick (.5 meters), at a 45-degree angle appears to be almost 3 feet (1 meter) thick. At a 2-degree angle it looks over 42 feet (14 meters) thick! Try to make sure that devices are positioned so that the signal will travel straight through a wall or ceiling for better reception.
3. Building Materials make a difference - a solid metal door or aluminum studs may have a negative effect on range. Try to position wireless devices and computers with wireless adapters so that the signal passes through drywall or open doorways and not other materials.
4. Keep your product away (at least 3-6 feet or 1-2 meters) from electrical devices or appliances that generate RF noise.

Getting Started

Right out of the box, with its default settings, the DI-764 will connect with other D-Link *Air*, *AirPlus* or *AirPro* products.

With a single IP Address from your Broadband Internet Service provider you can share the Internet with all the computers on your local network, without sacrificing speed or security, using D-Link *Air* networking products.

IP ADDRESS

Note: If you are using a DHCP-capable router in your network setup, such as the DI-764, you will not need to assign a static IP Address.

If you need to assign IP Addresses to the computers on the network, please remember that the **IP Address for each computer must be in the same IP Address range as all the computers in the network**, and the Subnet mask must be exactly the same for all the computers in the network.

For example: If the first computer is assigned an IP Address of 192.168.0.2 with a Subnet Mask of 255.255.255.0, then the second computer can be assigned an IP Address of 192.168.0.3 with a Subnet Mask of 255.255.255.0, etc.

IMPORTANT: If computers or other devices are assigned the same IP Address, one or more of the devices may not be visible on the network.

An **Infrastructure** wireless network contains an Access Point. The **Infrastructure Network** example, shown here, contains the following D-Link network devices:

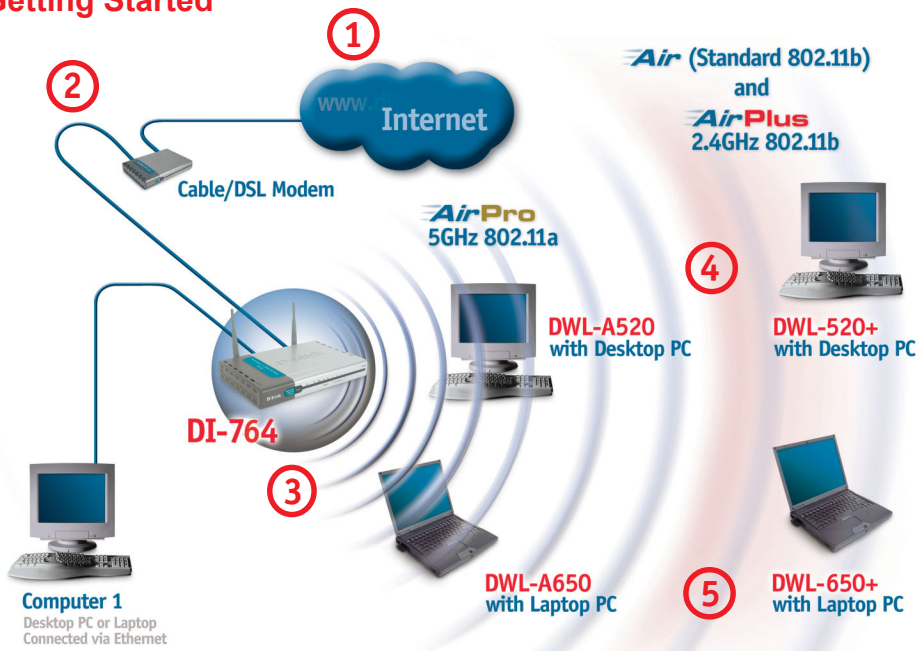
A wireless Broadband Router - **D-Link AirPro DI-764**

A laptop computer with a wireless adapter - **D-Link AirPro DWL-A650 or AirPlus DWL-650+**

A desktop computer with a wireless adapter - **D-Link AirPro DWL-A520 or AirPlus DWL-520+**

A Cable modem - **D-Link DCM-200**

Getting Started



Please remember that **D-Link AirPro** wireless devices are pre-configured to connect together, right out of the box, with the default settings.

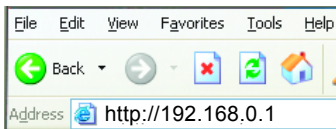
For a typical wireless setup at home (as shown above), please do the following:

- 1** You will need broadband Internet access (Cable/DSL) subscription
- 2** Consult with your Cable/DSL provider for proper installation of the modem
- 3** Connect the modem to the DI-764 multimode wireless broadband router (see the *Quick Installation Guide* included with the DI-764.)
- 4** If you are connecting a desktop computer to your network, you can install the D-Link AirPro DWL-A520 (or the DWL-520+) wireless PCI adapter into an available PCI slot. (See the *Quick Installation Guide* included with the DWL-A520 or the DWL-520+.)
- 5** If you are connecting a laptop computer to your network, install the drivers for the wireless cardbus adapter (**D-Link AirPro DWL-A650**) into a laptop computer. (See the *Quick Installation Guide* included with DWL-A650 or DWL-650+.)

Using the Configuration Menu

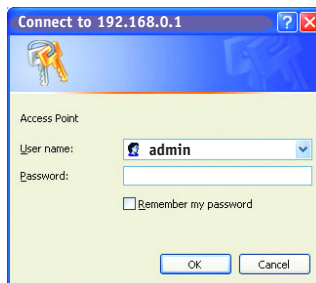
Whenever you want to configure your network or the DI-764, you can access the Configuration Menu by opening the web-browser and typing in the IP Address of the DI-764. The DI-764 default IP Address is shown below:

- Open the web browser
- Type in the **IP Address** of the Access Point



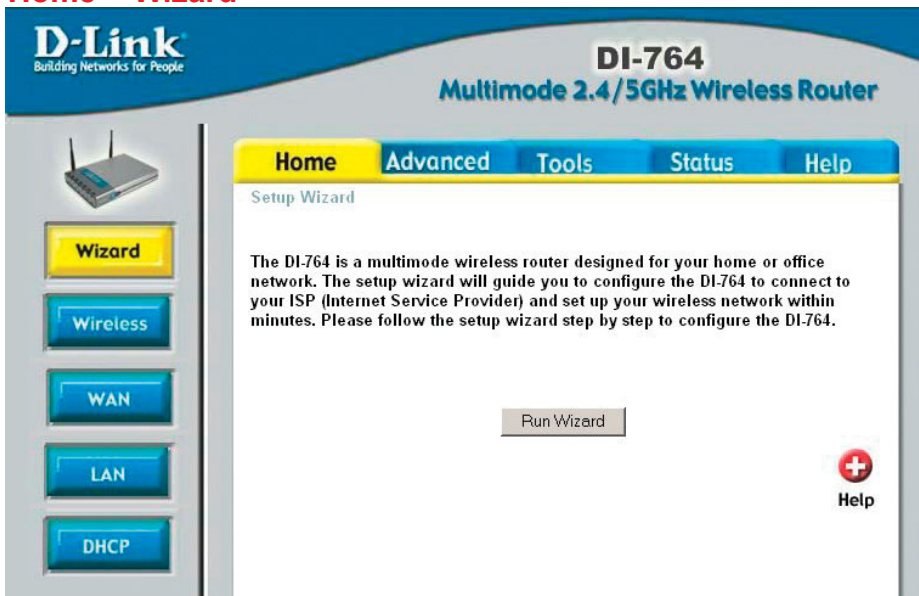
Note: if you have changed the default IP Address assigned to the DI-764, make sure to enter the correct IP Address.

- Type **admin** in the **User Name** field
- Leave the **Password** blank
- Click **Next**



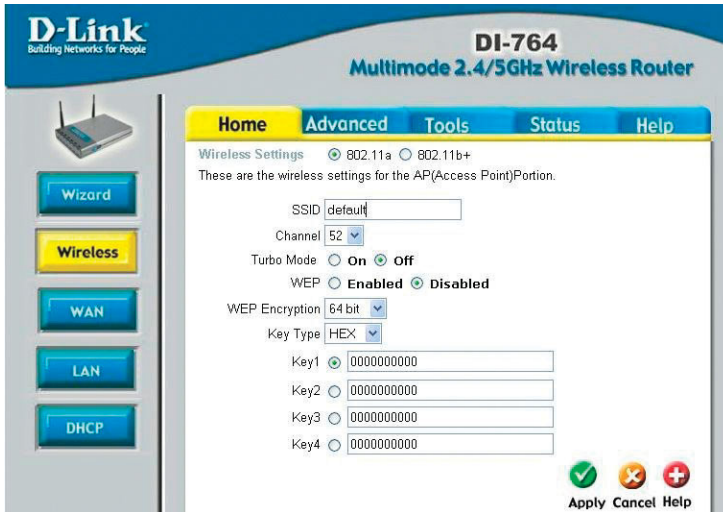
The Home>Wizard screen will appear. Please refer to the *Quick Installation Guide* for more information regarding the Setup Wizard.

Home > Wizard



Using the Configuration Menu

Home > Wireless > 802.11a



Wireless Settings- choose 802.11a or 802.11b+. Here, 802.11a is selected.

SSID- "default" is the default setting. All devices on the network must share the same SSID. If you change the default setting, the SSID may be up to 32 characters long.

Channel- **52** is the default channel for 802.11a. All devices on the network must share the same channel.

Turbo Mode- select **ON** or **OFF**. The default setting is **OFF**.



If you enable Turbo mode on the DI-764, make sure to also enable Turbo mode on all 802.11a wireless clients or a wireless connection will not be established.

WEP- select **Enabled** or **Disabled**. **Disabled** is the default setting.

WEP Encryption- select the level of encryption desired: 64, 128 or 152-bit



***WEP (Wired Equivalent Privacy)** If you enable encryption on the DI-764 make sure to also enable encryption on all 802.11a wireless clients or wireless connection will not be established.*

Key Type- select **HEX** or **ASCII**

***Hexadecimal** digits consist of the numbers 0-9 and the letters A-F
ASCII (American Standard Code for Information Interchange) is a code for representing English letters as numbers from 0-127*

Keys 1-4- input up to 4 WEP keys; select the one you wish to use.

Apply- click **Apply** to save the changes.

Using the Configuration Menu

Home > Wireless > 802.11b+

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Home Advanced Tools Status Help

Wireless Settings 802.11a 802.11b+

These are the wireless settings for the AP(Access Point)Portion.

SSID : default

Channel : 6

WEP : Enabled Disabled

WEP Encryption : 64Bit

Key Type : HEX

Passphrase :

Key1 : 0000000000

Key2 : 0000000000

Key3 : 0000000000

Key4 : 0000000000

Wireless Settings- choose 802.11a or 802.11b+. Here, 802.11b+ is selected.

SSID- “default” is the default setting. All devices on the network must share the same SSID. The SSID may be up to 32 characters long.

Channel- 6 is the default channel for 802.11b+. All devices on the network must share the same channel.

WEP- select **Enabled** or **Disabled**. **Disabled** is the default setting.

WEP Encryption- select the level of encryption desired: 64, 128 or 256-bit



WEP (Wired Equivalent Privacy) If you enable encryption on the DI-764 make sure to also enable encryption on all 802.11b wireless clients or wireless connection will not be established.

Key Type- select **HEX** or **ASCII**


Passphrase- when you select Key Type: **ASCII**, you can enter a **Passphrase** for any or all of Keys 1-4

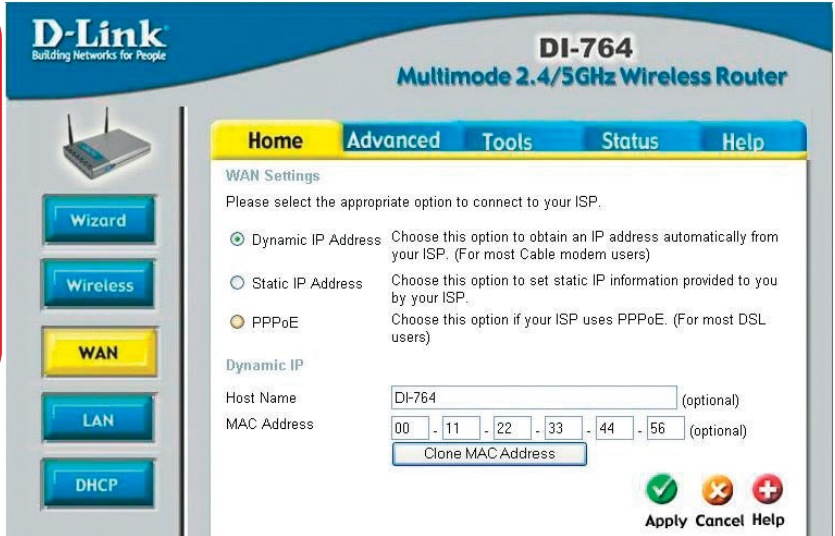
Keys 1-4- input up to 4 WEP keys; select the one you wish to use.

Apply- click **Apply** to save the changes.

Using the Configuration Menu

Home > WAN > Dynamic IP Address


Please be sure to remove any existing PPPoE client software installed on your computers.



Dynamic IP Address-

most Cable modem users will select this option to obtain an IP Address automatically from their ISP (Internet Service Provider).

Host Name-

this is optional, but may be required by some ISPs. The host name is the device name of the Router.

MAC Address-

the default MAC Address is set to the WAN's physical interface MAC address on the Router.

Clone MAC Address-

copy the MAC address of the Ethernet card installed by your ISP, and replace the WAN MAC address with this Ethernet card MAC address. It is not recommended that you change the default MAC address unless required by your ISP.

Apply-

click **Apply** to save the changes.

Using the Configuration Menu

Home > WAN > Static IP Address

The screenshot shows the D-Link DI-764 Multimode 2.4/5GHz Wireless Router configuration interface. The 'WAN' tab is selected, and the 'Static IP Address' option is chosen under 'WAN Settings'. The 'Static IP' section contains input fields for IP Address, Subnet Mask, ISP Gateway Address, Primary DNS Address, and Secondary DNS Address, all with '0.0.0.0' entered. The 'Apply' button is highlighted in green.

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DI-764
Multimode 2.4/5GHz Wireless Router

Home Advanced Tools Status Help

WAN Settings
Please select the appropriate option to connect to your ISP.

Dynamic IP Address Choose this option to obtain an IP address automatically from your ISP. (For most Cable modem users)

Static IP Address Choose this option to set static IP information provided to you by your ISP.

PPPoE Choose this option if your ISP uses PPPoE. (For most DSL users)

Static IP

IP Address (assigned by your ISP)

Subnet Mask

ISP Gateway Address

Primary DNS Address

Secondary DNS Address (optional)

Apply Cancel Help

Static IP Address- select this option to set static IP information provided to you by your ISP.

IP Address- input the IP Address provided by your ISP

Subnet Mask- input your Subnet mask. (All devices in the network must have the same subnet mask.)

ISP Gateway Address- input the Gateway address

Primary DNS Address- input the address provided by your ISP

Secondary DNS Address- this is optional

Apply- click **Apply** to save the changes.

Using the Configuration Menu

Home > WAN > PPPoE

The screenshot shows the configuration interface for a D-Link DI-764 router. The top navigation bar includes 'Home', 'Advanced', 'Tools', 'Status', and 'Help'. The 'Home' tab is selected. On the left sidebar, there are buttons for 'Wizard', 'Wireless', 'WAN', 'LAN', and 'DHCP'. The main content area is titled 'WAN Settings' and contains the following fields and options:

- WAN Settings:** A heading followed by the instruction: "Please select the appropriate option to connect to your ISP."
- Dynamic IP Address:** Choose this option to obtain an IP address automatically from your ISP. (For most Cable modem users)
- Static IP Address:** Choose this option to set static IP information provided to you by your ISP.
- PPPoE:** Choose this option if your ISP uses PPPoE. (For most DSL users)
- PPPoE:** Dynamic PPPoE Static PPPoE
- User Name:** [Text input field]
- Password:** [Password input field]
- Retype Password:** [Password input field]
- Service Name:** [Text input field] (optional)
- IP Address:** [IP input field] (0.0.0.0)
- Primary DNS Address:** [IP input field] (0.0.0.0)
- Secondary DNS Address:** [IP input field] (optional) (0.0.0.0)
- Maximum Idle Time:** [Number input field] Minutes (0)
- MTU:** [Number input field] (1472)
- Auto-reconnect:** Enabled Disabled

At the bottom right of the configuration area, there are three buttons: 'Apply' (with a green checkmark), 'Cancel' (with a red X), and 'Help' (with a red plus sign).

PPPoE-

Choose this option if your ISP uses PPPoE. (Most DSL users will select this option.)

Dynamic PPPoE- receive an IP Address automatically from your ISP.

or

Static PPPoE- you have an assigned (static) IP Address.

User Name-

your PPPoE username provided by your ISP.

Password-

your PPPoE password provided by your ISP.

Retype Password-

re-enter the PPPoE password

Service Name-

enter the Service Name provided by your ISP (optional).

IP Address-

this option is only available for Static PPPoE. Enter the static IP Address for the PPPoE connection.

Using the Configuration Menu

Home > WAN > PPPoE *continued*

Primary

DNS Address- get this info from your ISP

Secondary

DNS Address- optional

Maximum Idle Time-

enter a maximum idle time during which internet connection is maintained during inactivity. To disable this feature, enter zero or enable *Auto-reconnect*.

MTU-

Maximum Transmission Unit-1472 is default-you may need to change the MTU to conform with your ISP.

Auto-reconnect-

if enabled, the DI-764 will automatically connect to your ISP after your system is restarted or if the connection is dropped.

Apply-

click **Apply** to save the changes.

Home > LAN

The screenshot shows the D-Link DI-764 configuration interface. The top navigation bar includes 'Home', 'Advanced', 'Tools', 'Status', and 'Help'. The 'LAN Settings' section is active, displaying the IP address of the DI-764 Wireless Router. The IP Address field is set to 192.168.0.1, the Subnet Mask is 255.255.255.0, and the Local Domain Name field is empty. There are three buttons at the bottom right: 'Apply' (green checkmark), 'Cancel' (orange X), and 'Help' (red plus sign). On the left side, there are navigation buttons for 'Wizard', 'Wireless', 'WAN', 'LAN' (highlighted in yellow), and 'DHCP'.

LAN is short for Local Area Network. This is considered your internal network. These are the IP settings of the LAN interface for the DI-764. These settings may be referred to as Private settings. You may change the LAN IP address if needed. The LAN IP address is private to your internal network and cannot be seen on the Internet.

IP Address-

the IP address of the LAN interface. The default IP address is: **192.168.0.1**

Subnet Mask-

the subnet mask of the LAN interface. The default subnet mask is **255.255.255.0**

Local

optional

Apply-

click **Apply** to save the changes.

Using the Configuration Menu

Home > DHCP

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Home | Advanced | Tools | Status | Help

DHCP Server

The DI-764 Wireless Router can be setup as a DHCP Server to distribute IP addresses to the LAN network.

DHCP Server Enabled Disabled

Starting IP Address 192 . 168 . 0 . 100

Ending IP Address 192 . 168 . 0 . 199

Lease Time 1 Hour

Apply **Cancel** **Help**

DHCP Client Table

Host Name	IP Address	MAC Address	Expired Time
-----------	------------	-------------	--------------

DHCP stands for *Dynamic Host Control Protocol*. The DI-764 has a built-in DHCP server. The DHCP Server will automatically assign an IP address to the computers on the LAN/private network. Be sure to set your computers to be DHCP clients by setting their TCP/IP settings to “Obtain an IP Address Automatically.” When you turn your computers on, they will automatically load the proper TCP/IP settings provided by the DI-764. The DHCP Server will automatically allocate an unused IP address from the IP address pool to the requesting computer. You must specify the starting and ending address of the IP address pool.

- DHCP Server-** select **Enabled** or **Disabled**
- Starting IP Address-** the starting IP address for the DHCP server’s IP assignment
- Ending IP Address-** the ending IP address for the DHCP server’s IP assignment
- Lease Time-** enter the Lease time
- Apply-** click **Apply** to save the changes

Using the Configuration Menu

Advanced > Virtual Server

The screenshot shows the configuration interface for the Virtual Server feature on a D-Link DI-764 router. The interface includes a navigation sidebar on the left with buttons for Virtual Server, Applications, Filters, Firewall, DMZ, and Performance. The main content area has tabs for Home, Advanced (selected), Tools, Status, and Help. The Virtual Server section is titled "Virtual Server" and includes a description: "Virtual Server is used to allow Internet users access to LAN services." Below this, there are radio buttons for "Enabled" and "Disabled". A "Name" field with a "Clear" button is present. There are input fields for "Private IP", "Protocol Type" (set to TCP), "Private Port", and "Public Port". A "Schedule" section has radio buttons for "Always" and "From time" (with dropdowns for hours, minutes, AM/PM, and days).

Virtual Servers List

Name	Private IP	Protocol	Schedule	
<input type="checkbox"/> Virtual Server FTP	0.0.0.0	TCP 21/21	always	
<input type="checkbox"/> Virtual Server HTTP	0.0.0.0	TCP 80/80	always	
<input type="checkbox"/> Virtual Server HTTPS	0.0.0.0	TCP 443/443	always	
<input type="checkbox"/> Virtual Server DNS	0.0.0.0	UDP 53/53	always	
<input type="checkbox"/> Virtual Server SMTP	0.0.0.0	TCP 25/25	always	
<input type="checkbox"/> Virtual Server POP3	0.0.0.0	TCP 110/110	always	
<input type="checkbox"/> Virtual Server Telnet	0.0.0.0	TCP 23/23	always	

The DI-764 can be configured as a virtual server so that remote users accessing Web or FTP services via the public IP address can be automatically redirected to local servers in the LAN (Local Area Network).

The DI-764 firewall feature filters out unrecognized packets to protect your LAN network so all computers networked with the DI-764 are invisible to the outside world. If you wish, you can make some of the LAN computers accessible from the Internet by enabling *Virtual Server*. Depending on the requested service, the DI-764 redirects the external service request to the appropriate server within the LAN network.

Using the Configuration Menu

Advanced > Virtual Server *continued*

The DI-764 is also capable of port-redirection meaning incoming traffic to a particular port may be redirected to a different port on the server computer.

Each virtual service that is created will be listed at the bottom of the screen in the Virtual Servers List. There are pre-defined virtual services already in the table. You may use them by enabling them and assigning the server IP to use that particular virtual service.

Virtual Server-	select Enabled or Disabled
Name-	enter the name referencing the virtual service
Private IP-	the server computer in the LAN (Local Area Network) that will be providing the virtual services.
Protocol Type-	the protocol used for the virtual service
Private Port-	the port number of the service used by the Private IP computer
Public Port-	the port number on the WAN (Wide Area Network)side that will be used to access the virtual service.
Schedule-	The schedule of time when the virtual service will be enabled. The schedule may be set to Always , which will allow the particular service to always be enabled. If it is set to Time , select the time frame for the service to be enabled. If the system time is outside of the scheduled time, the service will be disabled.
Apply-	click Apply to save the changes.

Example #1:

If you have a Web server that you wanted Internet users to access at all times, you would need to enable it. Web (HTTP) server is on LAN (Local Area Network) computer 192.168.0.25. HTTP uses port 80, TCP.

Name: Web Server

Private IP: 192.168.0.25

Protocol Type: TCP

Private Port: 80


Public Port: 80

Schedule: always

Using the Configuration Menu

Advanced > Virtual Server *continued*

Virtual Servers List

Name	Private IP	Protocol	Schedule	
<input checked="" type="checkbox"/> Virtual Server HTTP	192.168.0.25	TCP 80/80	always	 



Click on this icon to edit the virtual service



Click on this icon to delete the virtual service

Example #2:

If you have an FTP server that you wanted Internet users to access by WAN port 2100 and only during the weekends, you would need to enable it as such. FTP server is on LAN computer 192.168.0.30. FTP uses port 21, TCP.

Name: FTP Server
Private IP: 192.168.0.30
Protocol Type: TCP
Private Port: 21
Public Port: 2100

Schedule: From: 01:00AM to 01:00AM, Sat to Sun

All Internet users who want to access this FTP Server must connect to it from port 2100. This is an example of port redirection and can be useful in cases where there are many of the same servers on the LAN network.

Using the Configuration Menu

Advanced > Applications

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Home **Advanced** Tools Status Help

Special Application
Special Application is used to run applications that require multiple connections.

Enabled Disabled

Name:

Trigger Port: -

Trigger Type:

Public Port:

Public Type:

Special Applications List

NAME	Trigger	Public	
<input type="checkbox"/> Battle.net	6112	6112	<input type="checkbox"/>
<input type="checkbox"/> Dialpad	7175	51200-51201,51210	<input type="checkbox"/>
<input type="checkbox"/> ICU II	2019	2000-2038,2050-2051,2069,2085,3010-3030	<input type="checkbox"/>
<input type="checkbox"/> MSN Gaming Zone	47624	2300-2400,28800-29000	<input type="checkbox"/>
<input type="checkbox"/> PC-to-Phone	12053	12120,12122,24150-24220	<input type="checkbox"/>
<input type="checkbox"/> Quick Time 4	554	6970-6999	<input type="checkbox"/>

Some applications require multiple connections, such as Internet gaming, video conferencing, Internet telephony and others. These applications have difficulties working through NAT (Network Address Translation). Special Applications makes some of these applications work with the DI-764. If you need to run applications that require multiple connections, specify the port normally associated with an application in the "Trigger Port" field, select the protocol type as TCP or UDP, then enter the public ports associated with the trigger port to open them for inbound traffic.

The DI-764 provides some predefined applications in the table on the bottom of the web page. Select the application you want to use and enable it.

Note! Only one PC can use each Special Application tunnel.

Name: this is the name referencing the special application.

Trigger Port: this is the port used to trigger the application. It can be either a single port or a range of ports.

Trigger Type: this is the protocol used to trigger the special application.

Public Port: this is the port number on the WAN side that will be used to access the application. You may define a single port or a range of ports. You can use a comma to add multiple ports or port ranges.

Public Type: this is the protocol used for the special application.

Apply: click **Apply** to save the changes

Using the Configuration Menu

Advanced > Filters > IP Filters

The screenshot shows the configuration interface for a D-Link DI-764 router. The top navigation bar includes 'Home', 'Advanced' (selected), 'Tools', 'Status', and 'Help'. The left sidebar contains icons for 'Virtual Server', 'Applications', 'Filters' (highlighted), 'Firewall', 'DMZ', and 'Performance'. The main content area is titled 'Filters' and contains the following sections:

- Filters:** A description stating 'Filters are used to allow or deny LAN users from accessing the Internet.' Below this are four radio buttons: 'IP Filters' (selected), 'URL Blocking', 'MAC Filters', and 'Domain Blocking'.
- IP Filters:** A description stating 'Use IP Filters to deny LAN IP addresses access to the Internet.' Below this are radio buttons for 'Enabled' (selected) and 'Disabled', along with a 'Clear' button.
- Form Fields:** Fields for 'IP' (two input boxes), 'Port' (two input boxes), 'Protocol Type' (a dropdown menu set to 'TCP'), and 'Schedule' (radio buttons for 'Always' and 'From').
- Schedule Details:** A 'From' section with time and day dropdowns: 'time 00 : 00 AM to 00 : 00 AM' and 'day Sun to Sun'.
- Buttons:** 'Apply', 'Cancel', and 'Help' buttons.
- IP Filter List:** A table with columns 'IP Range', 'Protocol', and 'Schedule'. It contains one entry: a checkbox, an asterisk (*), 'TCP 20-21', and 'always'. There are also icons for adding, deleting, and refreshing the list.

Filters are used to deny or allow LAN (Local Area Network) computers from accessing the Internet. The DI-764 can be setup to deny internal computers by their IP or MAC addresses. The DI-764 can also block users from accessing restricted web sites.

IP Filters

Use IP Filters to deny LAN IP addresses from accessing the Internet. You can deny specific port numbers or all ports for the specific IP address.

IP: the IP address of the LAN computer that will be denied access to the Internet.

Port: the single port or port range that will be denied access to the Internet.

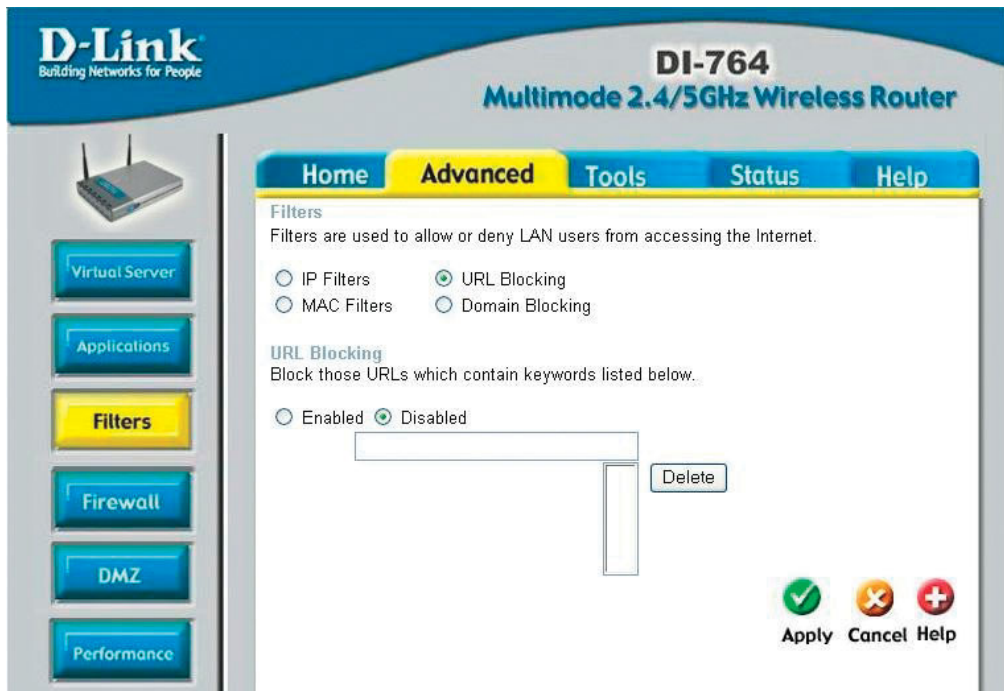
Protocol Type: select the protocol type

Schedule: this is the schedule of time when the IP Filter will be enabled.

Apply: click **Apply** to save changes.

Using the Configuration Menu

Advanced > Filters > URL Blocking



URL Blocking is used to deny LAN computers from accessing specific web sites by its URL. A URL is a specially formatted text string that defines a location on the Internet. If any part of the URL contains the blocked word, the site will not be accessible and the web page will not display.

Filters- select the filter you wish to use; in this case, **URL Blocking** was chosen.

URL Blocking- select Enabled or Disabled.

Keywords- block URLs which contain keywords listed below. Enter the keywords in this space.

Apply- click **Apply** to save the changes.

Using the Configuration Menu

Advanced > Filters > MAC Filters

The screenshot shows the configuration interface for a D-Link DI-764 Multimode 2.4/5GHz Wireless Router. The page is titled "DI-764 Multimode 2.4/5GHz Wireless Router" and has a navigation menu with "Home", "Advanced", "Tools", "Status", and "Help". The "Advanced" tab is selected, and the "Filters" sub-tab is active. The "Filters" section explains that filters are used to allow or deny LAN users from accessing the Internet. There are three radio button options: "IP Filters", "MAC Filters" (which is selected), "URL Blocking", and "Domain Blocking". Below this is the "MAC Filters" section, which explains that MAC filters are used to deny LAN computers access to the Internet by their MAC Address. There are three radio button options: "Disabled MAC Filters" (selected), "Only allow MAC address listed below to access Internet from LAN", and "Only deny MAC address listed below to access Internet from LAN". There is a "Name" input field with a "Clear" button next to it. Below that is a "MAC Address" input field with six boxes separated by dashes. There is a "DHCP Client" dropdown menu and a "Clone" button next to it. At the bottom right, there are three icons: a green checkmark, a red X, and a red plus sign, with the labels "Apply", "Cancel", and "Help" below them. On the left side of the page, there is a sidebar with a router icon and several buttons: "Virtual Server", "Applications", "Filters" (highlighted in yellow), "Firewall", "DMZ", and "Performance".

Use MAC (Media Access Control) Filters to allow or deny LAN (Local Area Network) computers by their MAC addresses from accessing the Internet. You can either manually add a MAC address or select the MAC address from the list of clients that are currently connected to the Broadband Router.

Filters- select the filter you wish to use; in this case, **MAC filters** was chosen.

MAC Filters- choose **Disable** MAC filters; **allow** MAC addresses listed below; or **deny** MAC addresses listed below.

Name- enter the name here.

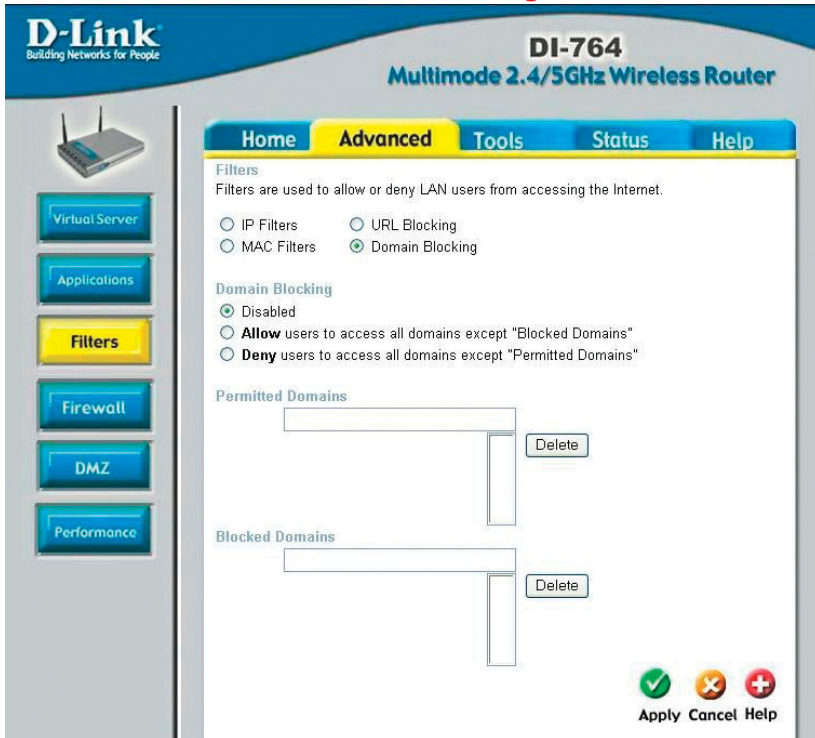
MAC Address- enter the MAC Address.

DHCP Client- select a DHCP client from the pull-down list; click **Clone** to copy that MAC Address

Apply- click **Apply** to save the changes.

Using the Configuration Menu

Advanced > Filters > Domain Blocking



Domain Blocking is used to allow or deny LAN (Local Area Network) computers from accessing specific domains on the Internet. Domain blocking will deny all requests to a specific domain such as http and ftp. It can also allow computers to access specific sites and deny all other sites.

- Filters-** select the filter you wish to use; in this case, **Domain Blocking** was chosen.
- Domain Blocking:**
 - Disabled-** select **Disabled** to disable **Domain Blocking**
 - Allow-** allows users to access all domains except **Blocked Domains**
 - Deny-** denies users access to all domains except **Permitted Domains**
- Permitted Domains-** enter the **Permitted Domains** in this field
- Blocked Domains-** enter the **Blocked Domains** in this field
- Apply-** click **Apply** to save the changes.

Using the Configuration Menu

Advanced > Firewall

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Home **Advanced** Tools Status Help

Firewall Rules
Firewall Rules can be used to allow or deny traffic from passing through the DI-764 Wireless Router.

Enabled Disabled

Name:

Action: Allow Deny

Interface: IP Range Start: IP Range End: Protocol: Port Range:

Source: *

Destination: *

Schedule: Always
 From time : : AM to : : AM
day to

Firewall Rules List

Action	Name	Source	Destination	Protocol
<input checked="" type="checkbox"/>	Allow	Allow to Ping WAN port	WAN,* LAN,192.168.0.1	ICMP,8
<input checked="" type="checkbox"/>	Deny	Default	*,* LAN,*	IP (0),*
<input checked="" type="checkbox"/>	Allow	Default	LAN,* *,*	IP (0),*

Firewall Rules is an advanced feature used to deny or allow traffic from passing through the DI-764. It works in the same way as IP Filters with additional settings. You can create more detailed access rules for the DI-764. When virtual services are created and enabled, it will also display in Firewall Rules. Firewall Rules contains all network firewall rules pertaining to IP (Internet Protocol).

In the Firewall Rules List at the bottom of the screen, the priorities of the rules are from top (highest priority) to bottom (lowest priority.)

Note: The DI-764 MAC Address filtering rules have precedence over the Firewall Rules.

Firewall Rules- enable or disable the Firewall

Name- enter the name

Action- allow or deny

Source- enter the IP Address range

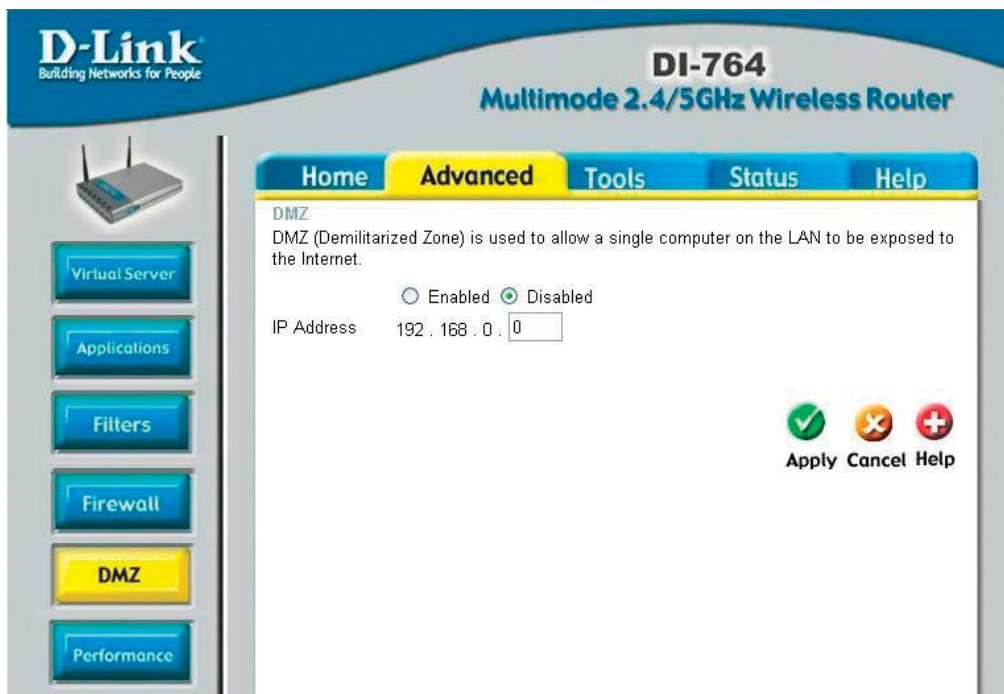
Destination- enter the IP Address range; the Protocol; and the Port Range

Schedule- select Always or enter the Time.

Apply- click Apply to save the changes.

Using the Configuration Menu

Advanced > DMZ



If you have a client PC that cannot run Internet applications properly from behind the DI-764, then you can set the client up to unrestricted Internet access. It allows a computer to be exposed to the Internet. This feature is useful for gaming purposes. Enter the IP address of the internal computer that will be the DMZ host. Adding a client to the DMZ (Demilitarized Zone) may expose your local network to a variety of security risks, so only use this option as a last resort.

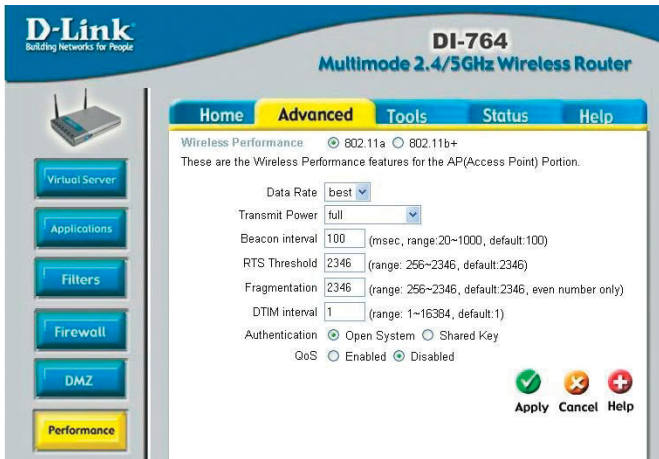
DMZ- **enable** or **disable** the DMZ. The DMZ (Demilitarized Zone) allows a single computer to be exposed to the internet.

IP Address- enter the **IP Address** of the computer to be in the **DMZ**

Apply- click **Apply** to save the changes.

Using the Configuration Menu

Advanced > Performance > 802.11a



Wireless Performance-

select **802.11a** or **802.11b+**. Here, **802.11a** has been chosen. This screen displays the wireless performance features of the Access Point portion of the DI-764.

Data Rate-

best is the default selection

Transmit Power-

full is the default selection.

Beacon interval-

beacons are packets sent by the DI-764 to synchronize a wireless network. Specify a value. **100** is the default setting and is recommended.

RTS Threshold-

this value should remain at its default setting of **2342**. If inconsistent data flow is a problem, only a minor modification should be made.

Fragmentation-

this value should also remain at its default setting of **2346**. If you experience a high packet error rate, you may slightly increase your Fragmentation value within the range of 256-2346. Setting the Fragmentation value too low may result in poor performance.

DTIM interval-

(Delivery Traffic Indication Message) **1** is the default setting. A DTIM is a countdown informing clients of the next window for listening to broadcast and multicast messages.

Authentication-

select **Open system** or **Shared Key**

Open System - the DI-764 will be visible to all devices on the network. This is the default setting

Shared Key - in this mode, in order to access the DI-764 on the network, the device must be listed in the MAC Address Control List

Apply-

click **Apply** to save the changes

Using the Configuration Menu

Advanced > Performance > 802.11b+

The screenshot shows the configuration interface for a D-Link DI-764 Multimode 2.4/5GHz Wireless Router. The 'Advanced' tab is selected, and the 'Performance' sub-tab is active. The 'Wireless Performance' section is set to '802.11b+'. The settings are as follows:

- Beacon interval: 100 (msec, range: 1~1000, default: 100)
- RTS Threshold: 2432 (range: 256~2432, default: 2432)
- Fragmentation: 2346 (range: 256~2346, default: 2346, even number only)
- DTIM interval: 3 (range: 1~65535, default: 3)
- Basic Rates: 1-2(Mbps) (selected), 1-2.5.5-11(Mbps), 1-2.5.5-11-22(Mbps)
- TX Rates: 1-2(Mbps), 1-2.5.5-11(Mbps), 1-2.5.5-11-22(Mbps) (selected)
- Preamble Type: Short Preamble, Long Preamble (selected)
- Authentication: Open System, Shared Key, Auto (selected)

Buttons for 'Apply', 'Cancel', and 'Help' are visible at the bottom right of the configuration area.

Wireless Performance-

Select **802.11a** or **802.11b+**. **802.11b+** is selected here. Displayed in this window are the Wireless Performance features for the Access Point portion of the DI-764.

Beacon interval-

beacons are packets sent by the DI-764 to synchronize a wireless network. Specify a value. **100** is the default setting and is recommended.

RTS Threshold-

this value should remain at its default setting of **2342**. If inconsistent data flow is a problem, only a minor modification should be made.

Fragmentation-

this value should also remain at its default setting of **2346**. If you experience a high packet error rate, you may slightly increase your Fragmentation value within the range of 256-2346. Setting the Fragmentation value too low may result in poor performance.

DTIM interval-

(**D**elivery **T**raffic **I**ndication **M**essage) **3** is the default setting. A DTIM is a countdown informing clients of the next window for listening to broadcast and multicast messages.

Basic Rates-

choose from **1-2Mbps**; **1,2,5.5,11 Mbps**; or **1,2,5.5,11,22 Mbps**

TX Rates-

select the basic transfer rates based on the speed of the wireless adapters on the WLAN (wireless local area network); choose from among the same ranges as those listed in the *Basic Rates*, above.

Using the Configuration Menu

Preamble Type- select **Short** or **Long Preamble**. The Preamble Type defines the length of the CRC (Cyclic Redundancy Check) block for communication between the DI-764 and roaming wireless adapters. Make sure to select the appropriate preamble type and click **Apply**. **Note: High network traffic areas should use the shorter preamble type.** CRC is a common technique for detecting data transmission errors.

Authentication- Open System - select **Open system** or **Shared Key**
the DI-764 will be visible to all devices on the network. This is the default setting

Shared Key - in this mode, in order to access the DI-764 on the network, the device must be listed in the MAC Address Control List

Apply- click **Apply** to save changes

Tools > Admin

The screenshot shows the D-Link DI-764 configuration interface. The top navigation bar includes 'Home', 'Advanced', 'Tools' (selected), 'Status', and 'Help'. The main content area is titled 'Administrator Settings' and contains the following fields:

- Administrator (The Login Name is "admin")**:
 - New Password: [password field]
 - Confirm Password: [password field]
- User (The Login name is "user")**:
 - New Password: [password field]
 - Confirm Password: [password field]
- Remote Management**:
 - Enabled: Disabled:
 - IP Address: [text field with asterisk]
 - Port: [text field with value 8080]

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

Administrator Login Name **admin** is the **default** login name for the Admin account

User Login Name **user** is the **default** login name for the User account

Admin Password- the **default** setting is blank - no password. To change the password, enter and confirm the new password.

User Password- the **default** setting is blank - no password. To change the password, enter and confirm the new password.

Using the Configuration Menu

Remote Management

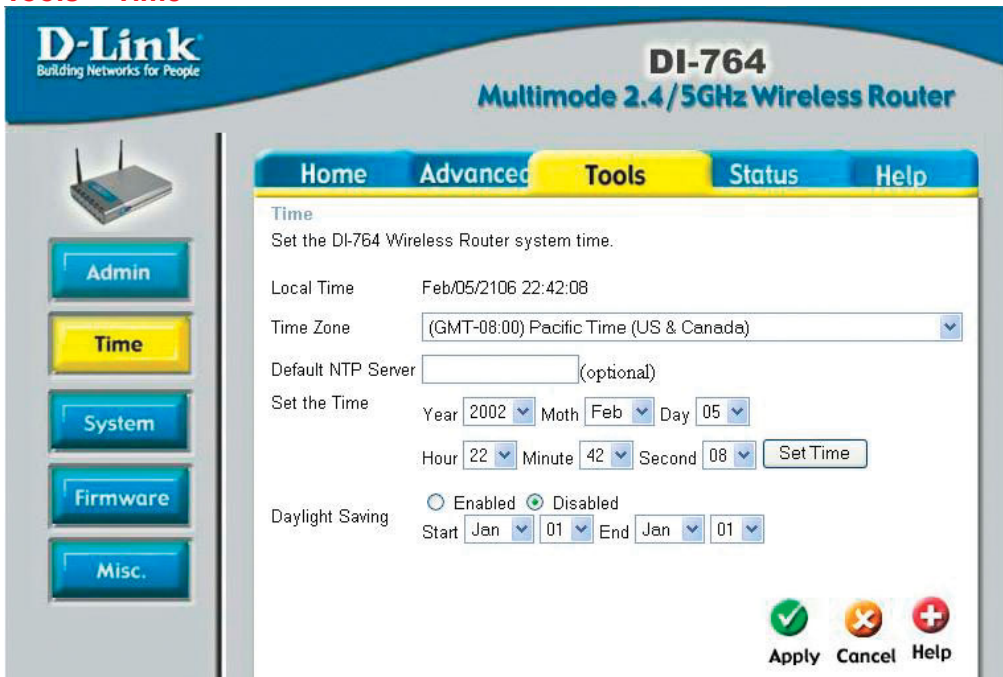
Remote Management allows the DI-764 to be configured from the Internet by a web browser. A username and password is still required to access the Web-Management interface. In general, only a member of your network can browse the built-in web pages to perform “Administrator” tasks. This feature enables you to perform “Administrator” tasks from the remote (Internet) host.

IP Address: Internet IP address of the computer that has access to the Router. It is not recommended that you set the IP address to * (star), because this allows any Internet IP address to access the Router, which could result in a loss of security for your network. If you elect to enable **Remote Management**, make sure to enter the IP Address of the remote computer allowed to configure the DI-764.

Port: For security purposes, select a separate port number used to access the Router. (*The following is an example only; you may use a different port number.*)

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

Tools > Time



The screenshot shows the D-Link DI-764 web interface. The top navigation bar includes Home, Advanced, Tools (highlighted), Status, and Help. The left sidebar contains buttons for Admin, Time (highlighted), System, Firmware, and Misc. The main content area is titled "Time" and contains the following fields:

- Local Time: Feb/05/2106 22:42:08
- Time Zone: (GMT-08:00) Pacific Time (US & Canada)
- Default NTP Server: (optional)
- Set the Time: Year 2002, Month Feb, Day 05, Hour 22, Minute 42, Second 08, with a Set Time button.
- Daylight Saving: Enabled (radio button), Disabled (radio button, selected), Start Jan 01, End Jan 01.

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

Time settings-

in this window you can choose the **time zone**; **set the time**; and **enable** or **disable Daylight Savings Time**.

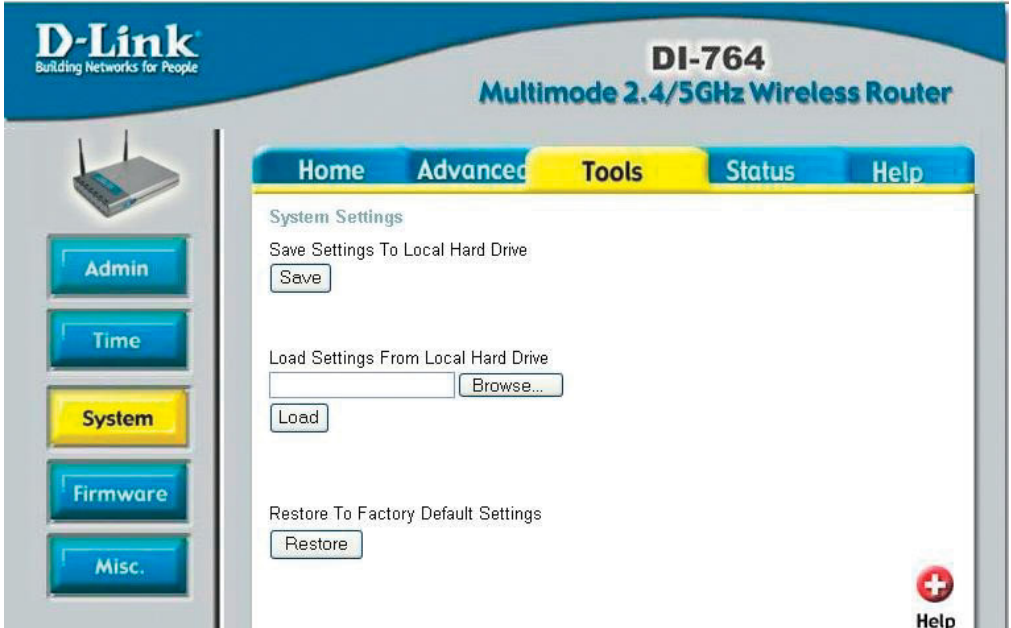
Default NTP Server-

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

This field is optional.

Using the Configuration Menu

Tools > System



System Settings

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

Tools > Firmware

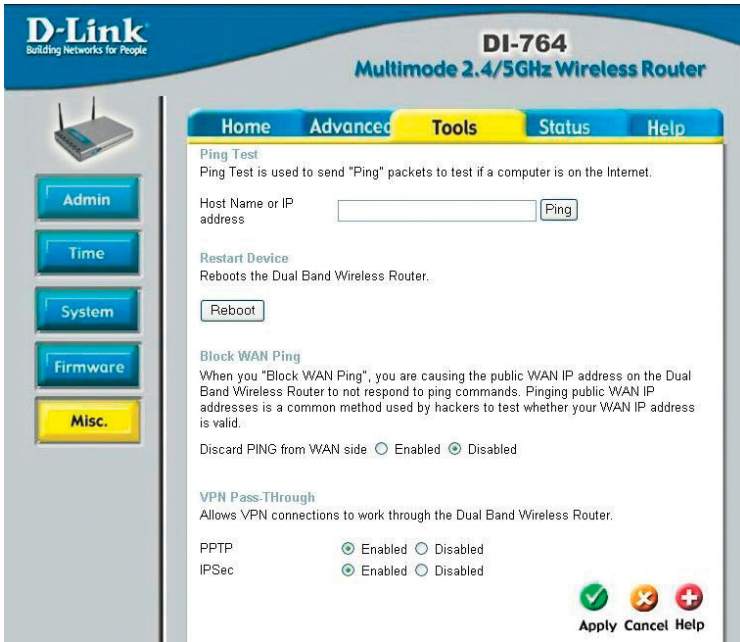
The screenshot shows the D-Link configuration interface for a DI-764 Multimode 2.4/5GHz Wireless Router. The page has a blue header with the D-Link logo and the router model. A navigation bar at the top includes tabs for Home, Advanced, Tools (which is highlighted in yellow), Status, and Help. On the left side, there is a vertical menu with buttons for Admin, Time, System, Firmware (highlighted in yellow), and Misc. The main content area is titled 'Firmware Upgrade' and contains the following text: 'There may be new firmware for your DI-764 Wireless Router to improve functionality and performance. [Click here to check for an upgrade on our support site.](#) To upgrade the firmware, locate the upgrade file on the local hard drive with the Browse button. Once you have found the file to be used, click the Apply button below to start the firmware upgrade.' Below this text, it displays 'Current Firmware Version: 0.c' and 'Firmware Date: Thu, 26 Jul 2002'. There is an empty text input field followed by a 'Browse...' button. At the bottom right, there are three buttons: 'Apply' (with a green checkmark icon), 'Cancel' (with a red X icon), and 'Help' (with a red plus icon).

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 drive.

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

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-764

Block WAN Ping-

if you choose to block WAN Ping, the WAN IP Address of the DI-764 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

VPN Pass Through-

the DI-764 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-764. This is useful when you have many VPN clients on the LAN network.

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

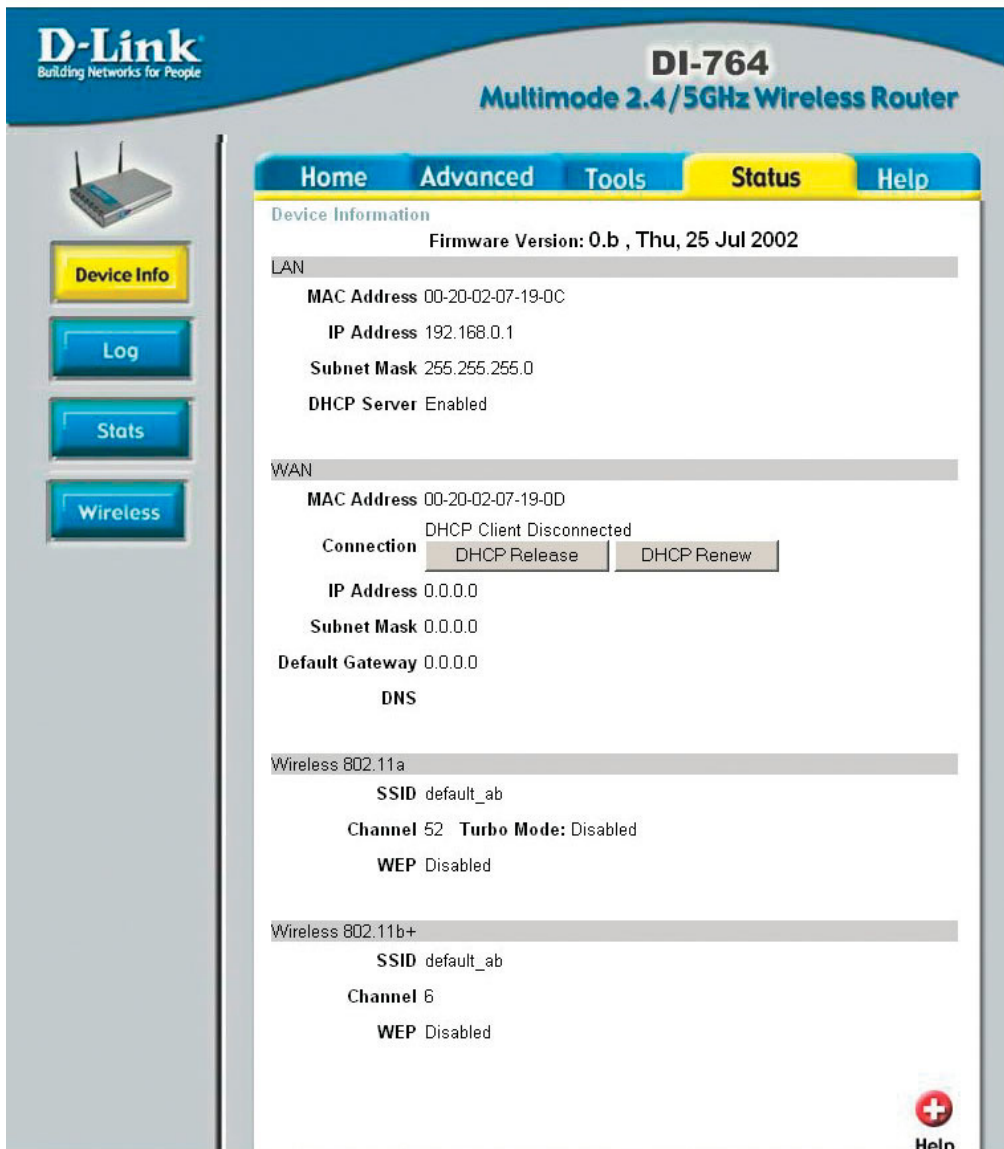
IPSec- select **Enabled** or **Disabled**

Apply-

click **Apply** to save changes

Using the Configuration Menu

Status > Device Info



The screenshot shows the D-Link DI-764 Multimode 2.4/5GHz Wireless Router configuration interface. The top navigation bar includes Home, Advanced, Tools, Status (highlighted), and Help. The left sidebar contains buttons for Device Info (highlighted), Log, Stats, and Wireless. The main content area displays the following information:

Device Information
Firmware Version: 0.b , Thu, 25 Jul 2002

LAN

- MAC Address: 00-20-02-07-19-0C
- IP Address: 192.168.0.1
- Subnet Mask: 255.255.255.0
- DHCP Server: Enabled

WAN

- MAC Address: 00-20-02-07-19-0D
- Connection: DHCP Client Disconnected
Buttons: DHCP Release, DHCP Renew
- IP Address: 0.0.0.0
- Subnet Mask: 0.0.0.0
- Default Gateway: 0.0.0.0
- DNS

Wireless 802.11a

- SSID: default_ab
- Channel: 52 Turbo Mode: Disabled
- WEP: Disabled

Wireless 802.11b+

- SSID: default_ab
- Channel: 6
- WEP: Disabled

A Help icon (red cross) is located in the bottom right corner of the configuration page.

Device Information- This screen displays information about the DI-764

Using the Configuration Menu

Status > Log



View Log-

this screen displays the activity on the DI-764

Log Settings-

for advanced features, click on **Log Settings**

Using the Configuration Menu

Status > Stats

The screenshot shows the D-Link DI-764 configuration interface. The top navigation bar includes 'Home', 'Advanced', 'Tools', 'Status' (highlighted), and 'Help'. The left sidebar contains buttons for 'Device Info', 'Log', 'Stats' (highlighted), and 'Wireless'. The main content area is titled 'Traffic Statistics' and includes a sub-header: 'Traffic Statistics display Receive and Transmit packets passing through the DI-764 Wireless Router.' Below this are 'Refresh' and 'Reset' buttons, and a 'Help' icon. A table displays packet statistics for WAN, LAN, WIRELESS 11a, and WIRELESS 11b+.

	Receive	Transmit
WAN	0 Packets	89 Packets
LAN	1054 Packets	1897 Packets
WIRELESS 11a	0 Packets	0 Packets
WIRELESS 11b+	0 Packets	692 Packets

Traffic Statistics- displays the receive and transmit packets that are passing through the DI-764. Click on **Refresh** or **Reset**, for the most recent information.

Status > Wireless

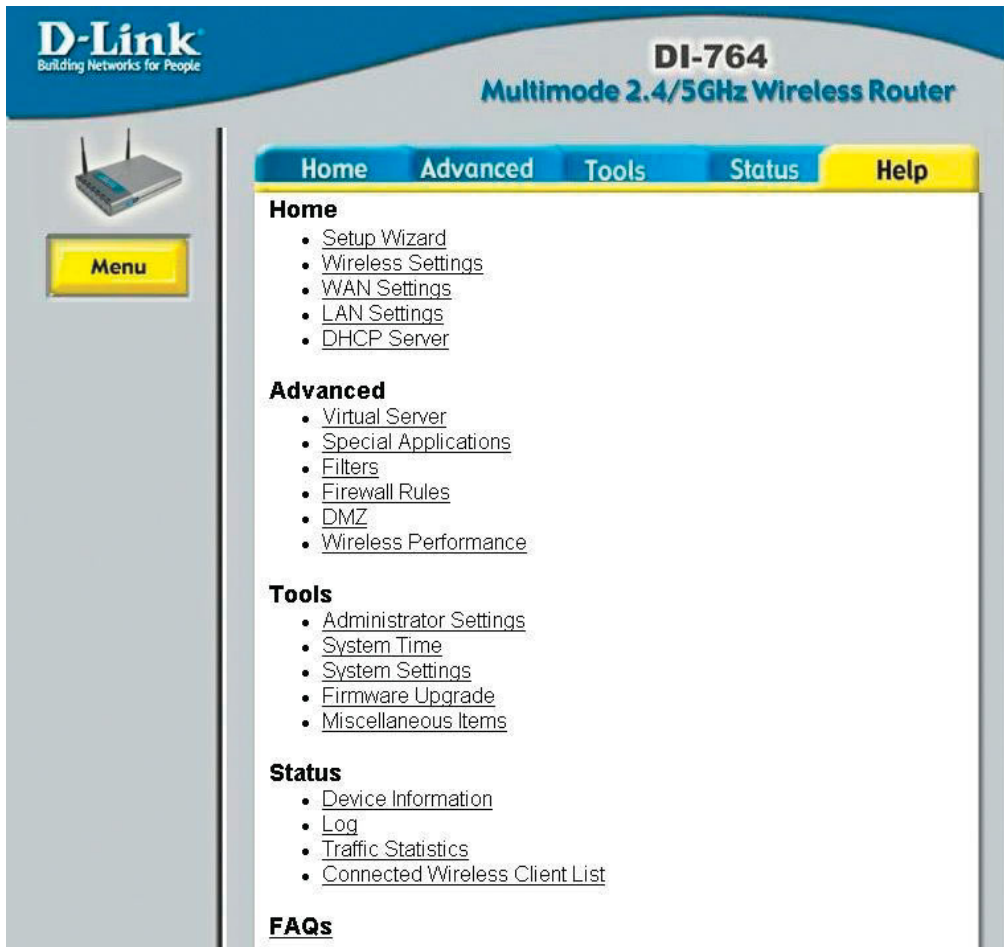
The screenshot shows the D-Link DI-764 configuration interface. The top navigation bar includes 'Home', 'Advanced', 'Tools', 'Status' (highlighted), and 'Help'. The left sidebar contains buttons for 'Device Info', 'Log', 'Stats', and 'Wireless' (highlighted). The main content area is titled 'Connected Wireless Client List' and includes a sub-header: 'The Wireless Client table below displays Wireless clients Connected to the AP (Access Point).' Below this is a table with columns for 'Connected Time', 'MAC Address', and 'Mode'. A 'Help' icon is also present.

Connected Time	MAC Address	Mode
----------------	-------------	------

Connected Wireless Client List- displays the wireless clients that are connected to the Access Point function of the DI-764.

Using the Configuration Menu

Help



The screenshot shows the D-Link DI-764 Multimode 2.4/5GHz Wireless Router configuration interface. The top navigation bar includes tabs for Home, Advanced, Tools, Status, and Help, with the Help tab highlighted in yellow. On the left side, there is a 'Menu' button and an image of the router. The main content area is titled 'Home' and lists several configuration options under different categories: Home, Advanced, Tools, Status, and FAQs. Each category contains a list of links to specific settings.

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Home Advanced Tools Status **Help**

Home

- [Setup Wizard](#)
- [Wireless Settings](#)
- [WAN Settings](#)
- [LAN Settings](#)
- [DHCP Server](#)

Advanced

- [Virtual Server](#)
- [Special Applications](#)
- [Filters](#)
- [Firewall Rules](#)
- [DMZ](#)
- [Wireless Performance](#)

Tools

- [Administrator Settings](#)
- [System Time](#)
- [System Settings](#)
- [Firmware Upgrade](#)
- [Miscellaneous Items](#)

Status

- [Device Information](#)
- [Log](#)
- [Traffic Statistics](#)
- [Connected Wireless Client List](#)

FAQs

Help-

displays the complete **Help** menu. For help at anytime, click the **Help** tab in the Configuration menu.