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D-Link DSL-G604T Wireless ADSL Router Instruction Manual

Contents

D-Link®

D-Link DSL-G604T Wireless ADSL Router

Product Information

This product is the DSL-G604T Wireless ADSL Router. It allows you to share your high-speed internet connection with other computers. The router acts as a DHCP server and assigns the necessary IP address information on your network. It is compatible with any current web browser, such as Internet Explorer 6 or Netscape Navigator 6.2.3.

The package includes the following items

- DSL-G604T Wireless ADSL Router
- Antenna and stand
- CD-ROM containing Manual and Warranty
- Ethernet Cable (CAT5 UTP Straight-Through)
- ADSL Cable (standard telephone cable)
- 12V, 1.2A Power Adapter (Do not use a power adapter with a different voltage rating as it will void the warranty)

Product Usage Instructions

Connecting the Router to your Computer

1. Connect the power adapter to the power input at the back panel of the DSL-G604T and plug the other end into a wall outlet or power strip. The Power LED on the front of the device should turn ON.
2. Insert one end of the Ethernet cable into an Ethernet (LAN) port on the back panel of the DSL-G604T and the other end into an Ethernet Adapter or available Ethernet port on your computer.

3. Insert the telephone cable included with the Router into the ADSL port, then connect the cable to your telephone line.

4. Check the LED display on the front of the Router to confirm that the connections have been made.

Configure IP Settings

To connect to the network, make sure the network adapter in your computer is configured properly. Follow these steps to configure the network adapter to obtain an IP address automatically for the DSL-G604T Wireless ADSL Router

1. For Microsoft Windows XP, go to Start > select Settings > click Control Panel > Double-click on the Network Connections icon.

2. Double-click on Network Connections.

3. Right-click the Local Area Connection icon, and then select Properties.

4. In the Properties dialog box, click on Internet Protocol (TCP/IP) and then click Properties.

5. Select "Obtain an IP address automatically".

6. Click OK.

Connecting Additional Computers To The DSL-G604T Wireless ADSL Router

Using additional Ethernet (CAT5 UTP) cables, connect your Ethernet-equipped computers to the LAN ports on the back panel of the DSL-G604T.

Before You Begin

Check Your Package Contents

DSL-G604T
shown with antenna and stand

CD-Rom
containing Manual and Warranty

Ethernet Cable
(CAT5 UTP Straight-Through)

 ADSL Cable (standard telephone cable)

 12V, 1.2A Power Adapter

Using a power adapter with a different voltage rating will a different voltage rating willva different voltage rating will If any of the above items is missing, please contact your reseller.
©2004 D-Link Systems, Inc. All rights reserved. Trademarks or registered trademarks are the property of their respective holders. Software and specifications subject to change without notice. DSL-G604T Wireless ADSL Router

Connecting the Router to your Computer
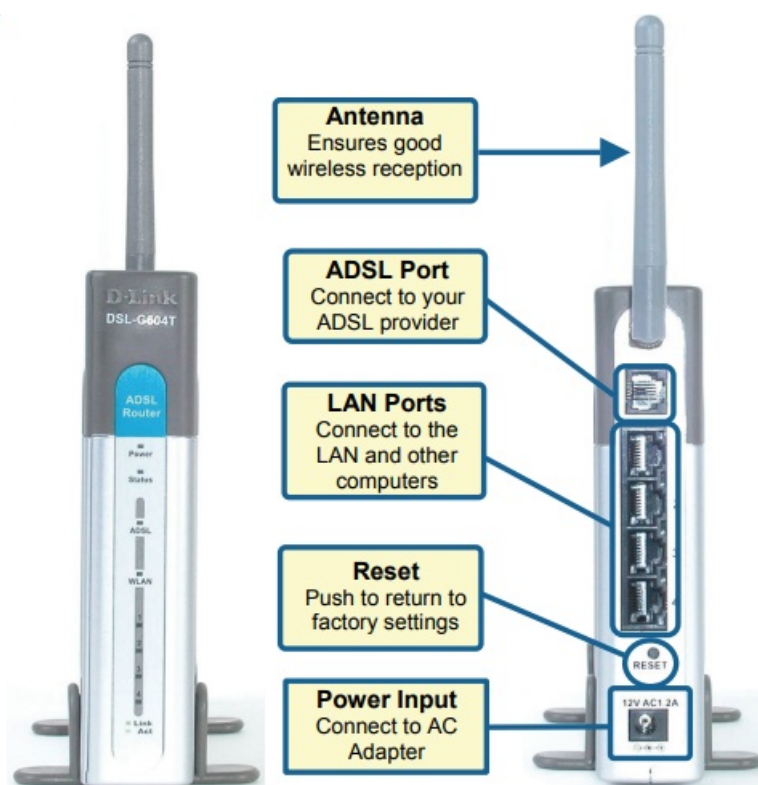
- First, connect the power adapter to the power input at the back panel of the DSL-G604T and then plug the other end of the power adapter to a wall outlet or power strip. On the front of the device, the Power LED will turn ON to indicate proper operation.
- Insert one end of the Ethernet cable into an Ethernet (LAN) port on the back panel of the DSL-G604T and the other end of the cable to an Ethernet Adapter or available Ethernet port on your computer.
- Insert the telephone cable included with the Router into the ADSL port, then connect the cable to your telephone line.
- Check the LED display on the front of the Router to confirm that the connections have been made.

Configure IP Settings

To connect to the network, make sure the network adapter in your computer is configured properly. Here's how to configure the network adapter to obtain an IP address automatically for the DSL-G604T Wireless ADSL Router.
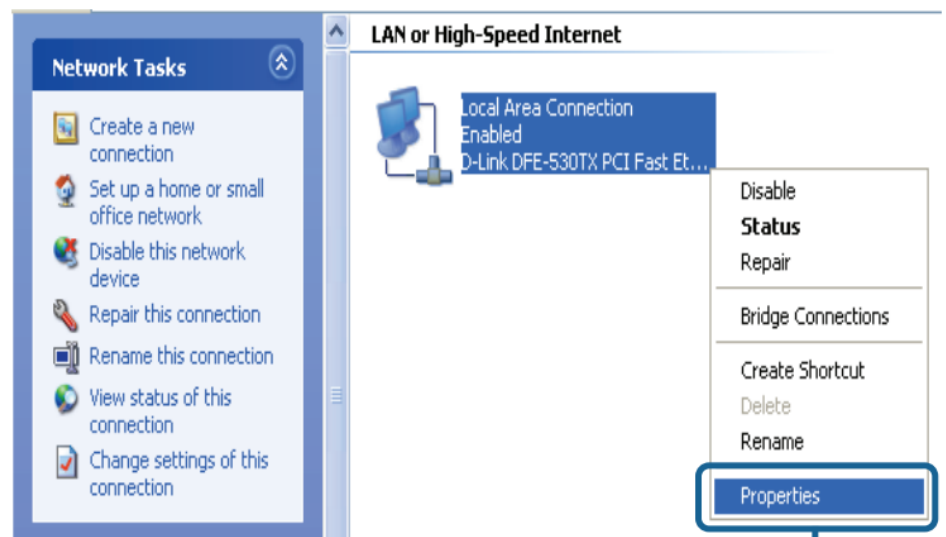
For Microsoft Windows XP

Go to **Start** > **select Settings** > **click Control Panel** > **Double-click** on the **Network Connections** icon
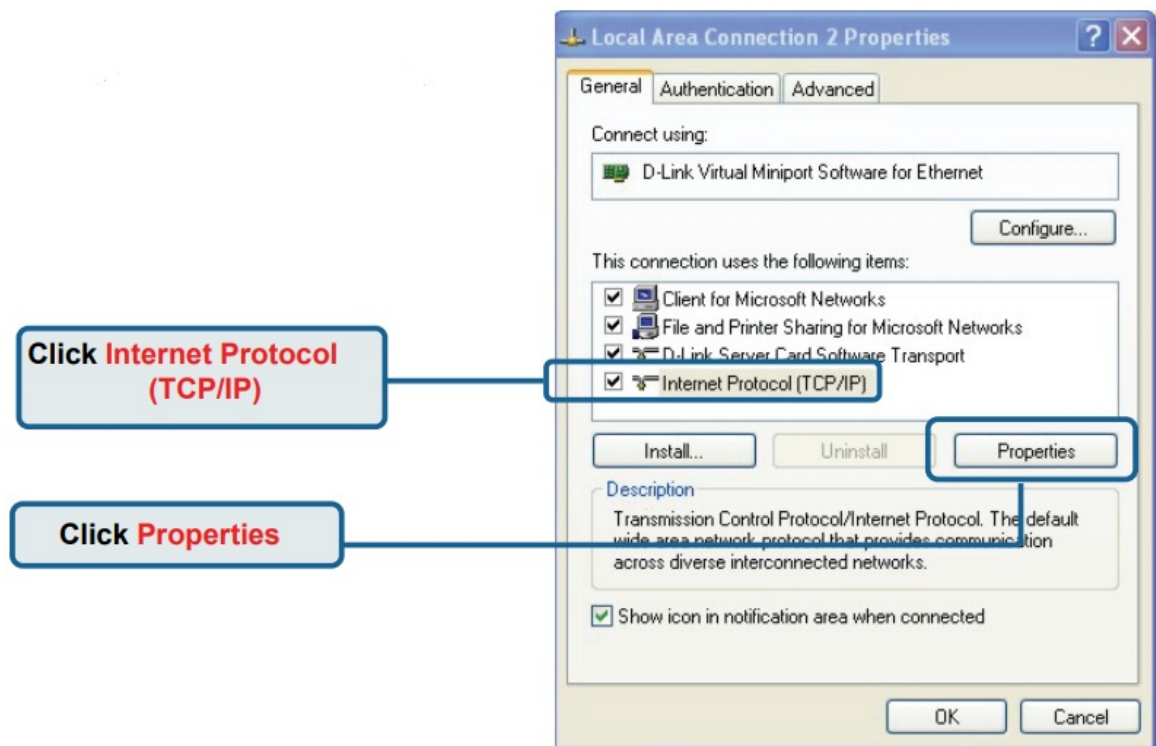
Double-click on **Network Connections**

Right-click the Local Area Connection icon, and then select **Properties.**

Select **Properties**

**The dialog box displays with a list of currently installed network items.**

Local Area Connection 2 Properties

General | Authentication | Advanced

Connect using:

D-Link Virtual Miniport Software for Ethernet

Configure...

This connection uses the following items:

☑ Client for Microsoft Networks
☑ File and Printer Sharing for Microsoft Networks
☑ D-Link Server Card Software Transport
☑ Internet Protocol (TCP/IP)

Install... | Uninstall | Properties

Description
Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.

☑ Show icon in notification area when connected

OK | Cancel

Click Internet Protocol (TCP/IP)

Click Properties

Make the choice to get IP settings assigned automatically.
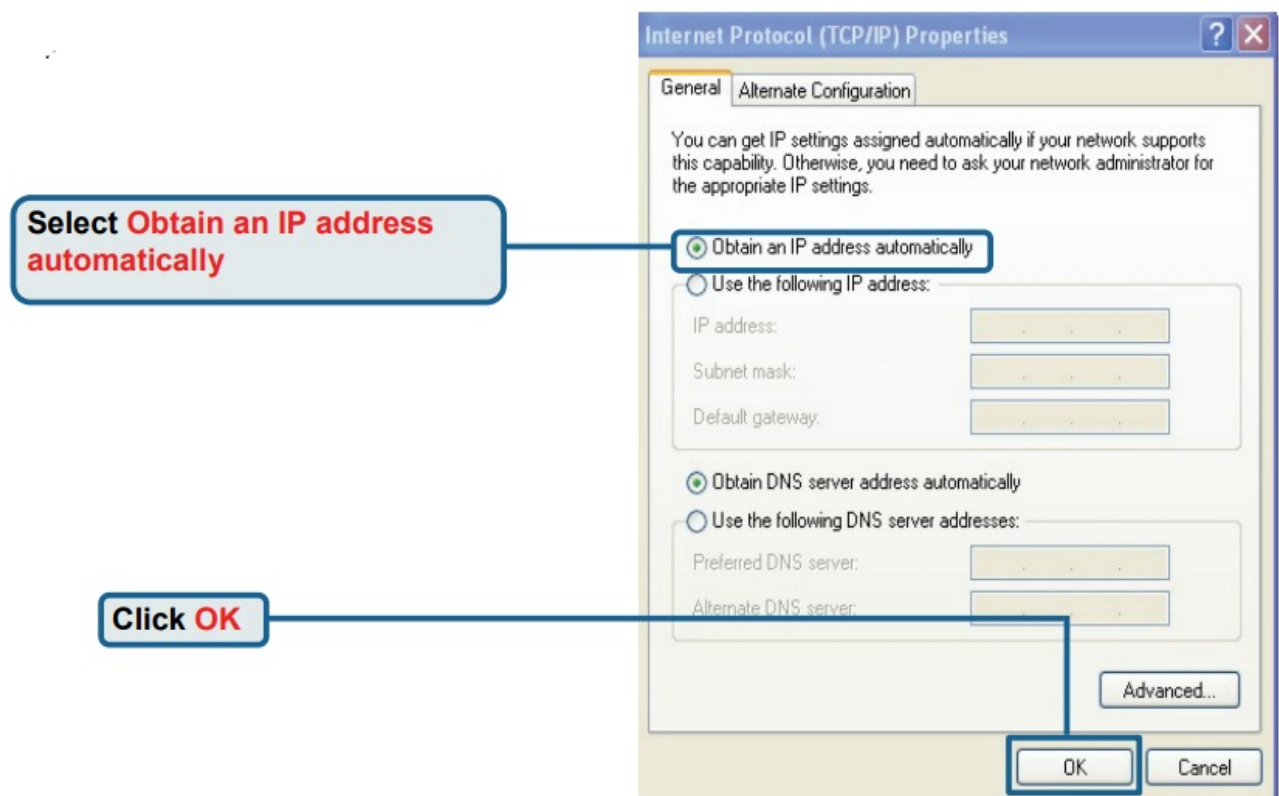
Internet Protocol (TCP/IP) Properties

General | Alternate Configuration

You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.

⦿ Obtain an IP address automatically
○ Use the following IP address:

IP address:
Subnet mask:
Default gateway:

⦿ Obtain DNS server address automatically
○ Use the following DNS server addresses:

Preferred DNS server:
Alternate DNS server:

Advanced...

OK | Cancel

Select Obtain an IP address automatically

Click OK

Connecting Additional Computers To The DSL-G604T

Wireless ADSL Router

- Using additional Ethernet (CAT5 UTP) cables, connect your Ethernet-equipped computers to the LAN ports on the back panel of the DSL-G604T.
- When you have completed the steps in this Quick Installation Guide, your connected network should look similar to this
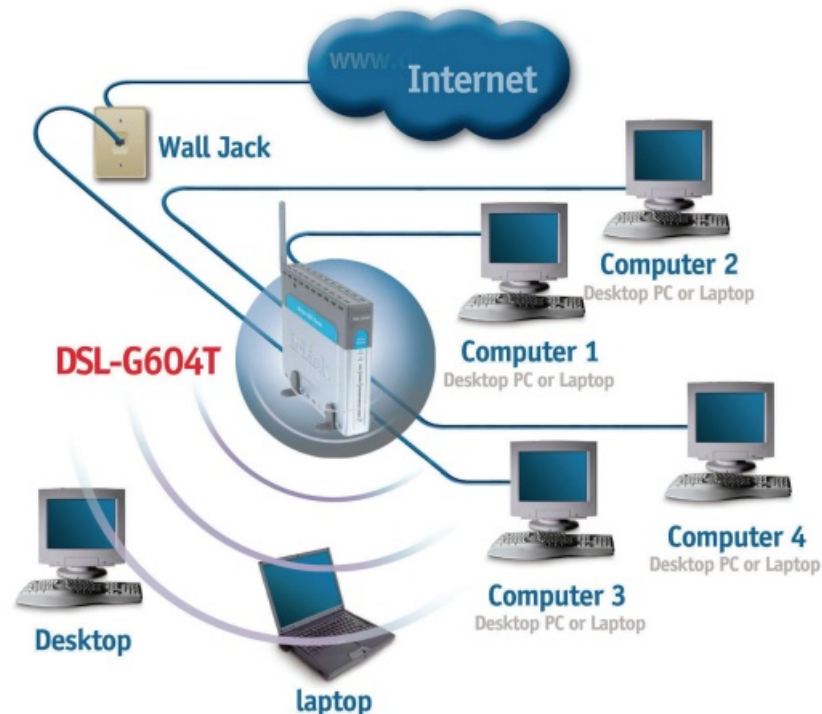
Configuring the Router

You can select two methods to configure your new router. The first method is by using D-Link Click'n Connect Utility, which is included on the CD designed to run on Windows XP/2000. Just follow the instructions step by step to configure your router for Internet access for the first time.

The second method is to use your Web browser to access the built in web server pages used to setup the Router, your computer's network adapter must be configured to "Obtain an IP address automatically", that is, you must set the IP network settings of your computer so it is DHCP Client. If you are using Windows XP and do not know how to change your network settings, skip ahead to Appendix and follow the instructions provided. You may also read the User Manual for instructions on changing IP settings for computers running other Windows operating systems.

Open your Web browser and type **http://192.168.1.1** into the URL address box. Press **Enter** or **Return**.

http://192.168.1.1/ - Microsoft Inte

File   Edit   View   Favorites   Tools   Help

Back

Address   http://192.168.1.1
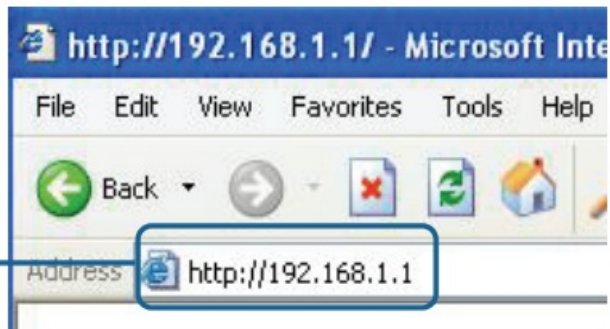
The **Home/Login** page appears.

When you first log in, your Login Name is **admin**; your password is also **admin**. These may be changed later.

Click **Login**

Wireless ADSL Router

Home   Setup   Advanced   Tools   Status   Help

(EN)Login

Please log in to continue

Login Name   admin

Password
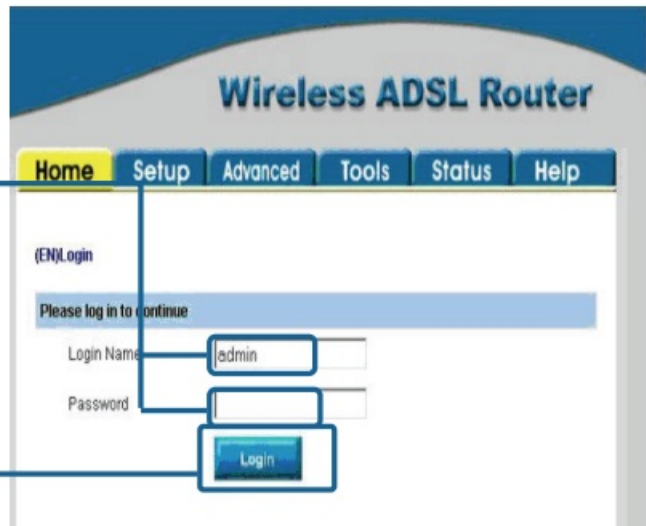
Login

The Home screen appears. Click on the Setup tab to bring up the Setup menu.

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Wireless ADSL Router

Home   Setup   Advanced   Tools   Status   Help

Setup

Wireless

LAN Setup

DHCP Configuration

DNS

Management IP

Click **Setup**

WAN Setup

DSL Setup

Connection 1

New Connection

Logout

Setup

The Setup section allows you to add new connections and modify existing connection parameters

Wireless Setup

Wireless Settings   Select to configure wireless settings for the AP(Access Point) Portion.

LAN Setup

DHCP Configuration   Select to setup DHCP Server/Relay.

DNS   Select to setup DNS Configuration.

Management IP   Select to configure Management IP Address.

WAN Setup

DSL Setup   Select to setup your DSL router

Connection 1   conn1_pppoe_1_32

New Connection   Select to Configure a new connection

Click the Connection 1 button to go to the configuration menu to make the Internet connection.
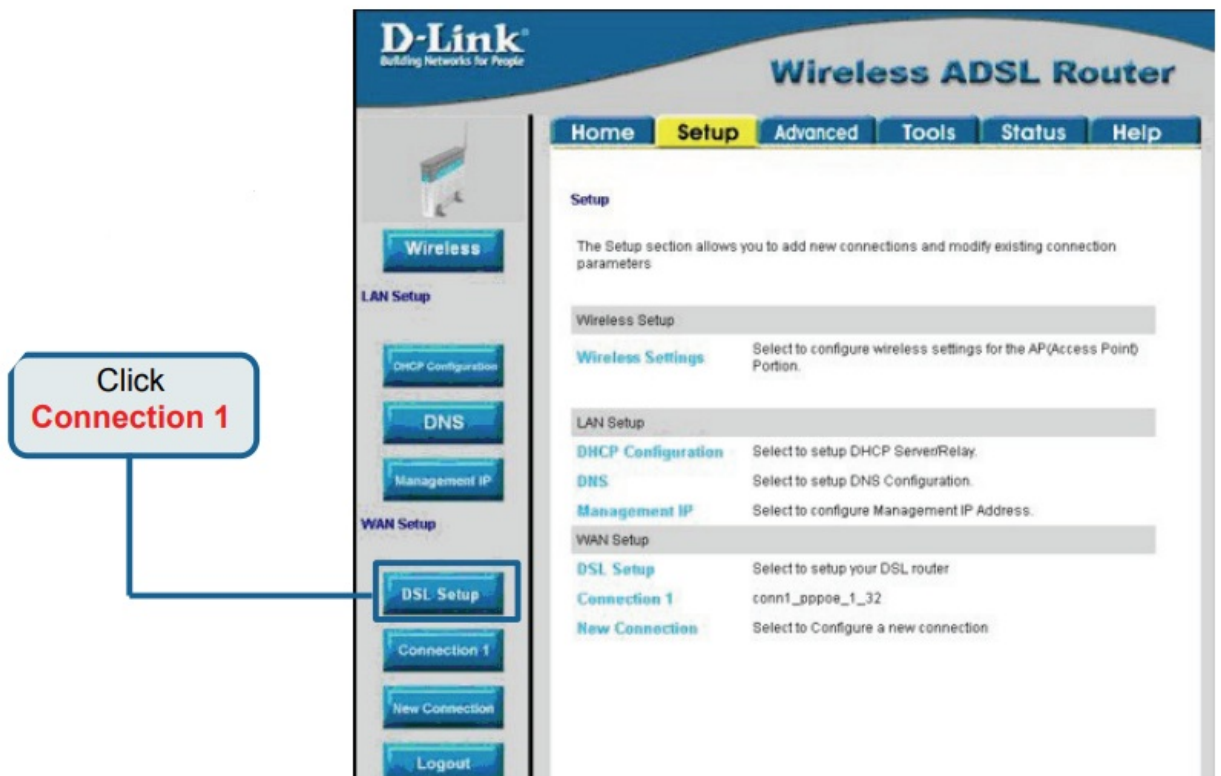
Configuring the WAN Connection

Check your ISP information,

- If you configure for PPPoA type, refer to Manual .
- If you configure for PPPoE type, refer to Manual .
- If you configure for Bridge type, refer to Manual .
- If you configure for DHCP type, refer to Manual .
- If you configure for CLIP ty pe, refer to Manual

In the Connection 1 window, type the Username and Password used to verify the identity of your ISP account. Click the Apply button when you have entered the information.

Enter the **Username** and **Password** assigned by your ISP.

Click **Apply**
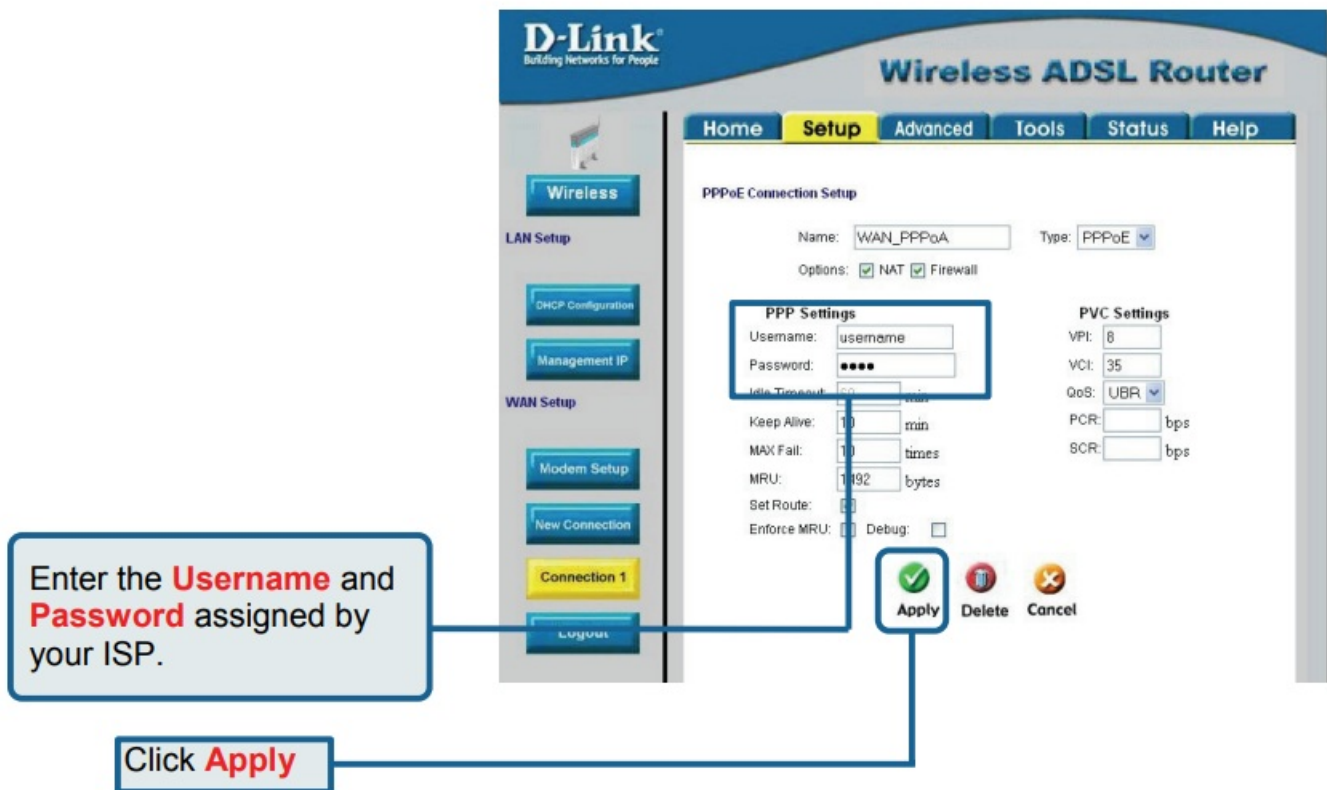
Configure Connection 1 for PPPoA

To configure the default connection type (PPPoA) for Connection 1, follow the steps listed below. To change the connection type of Connection 1 to an alternative type follow the instructions according to the desired type as described below in change the connection type.

Click the **Connection 1** button to view the **PPPoA Connection Setup** menu pictured.

Type the **Username** and **Password** used for your account.
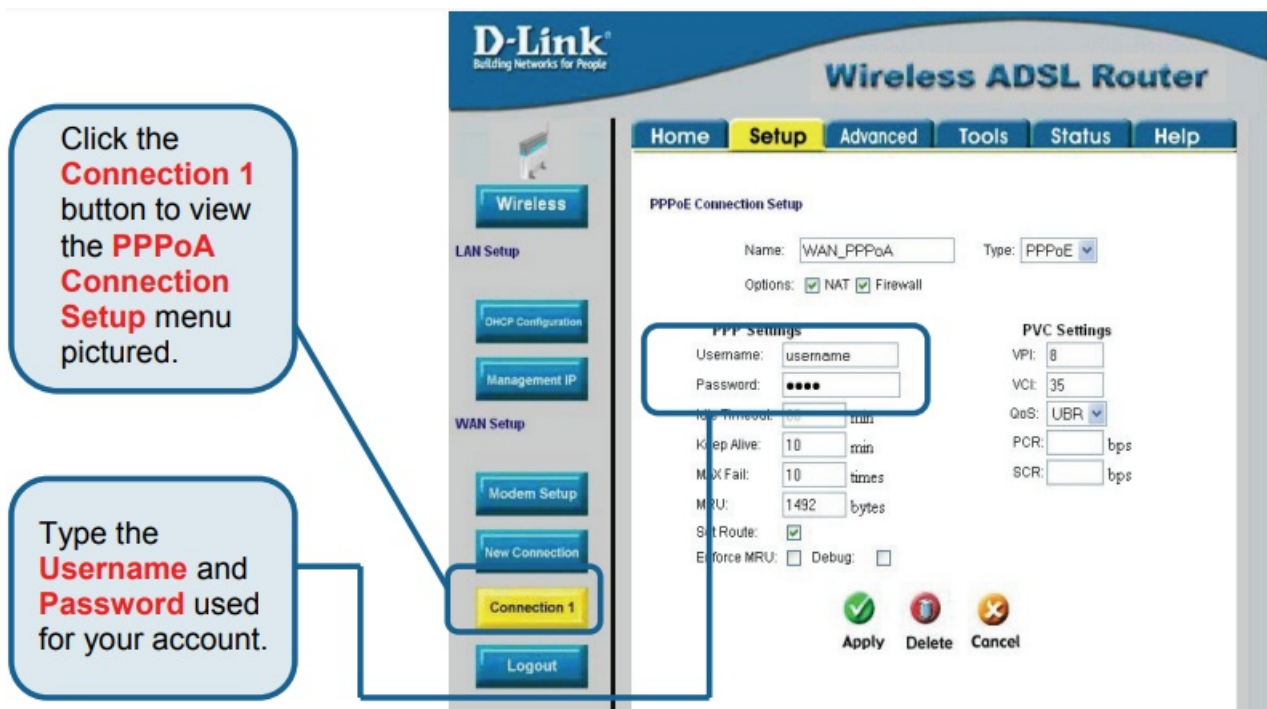
Select PPPoA from the **Type**, **VPI:** and **VCI:** - if these values are not correct, change these according to the instruction of your ISP.
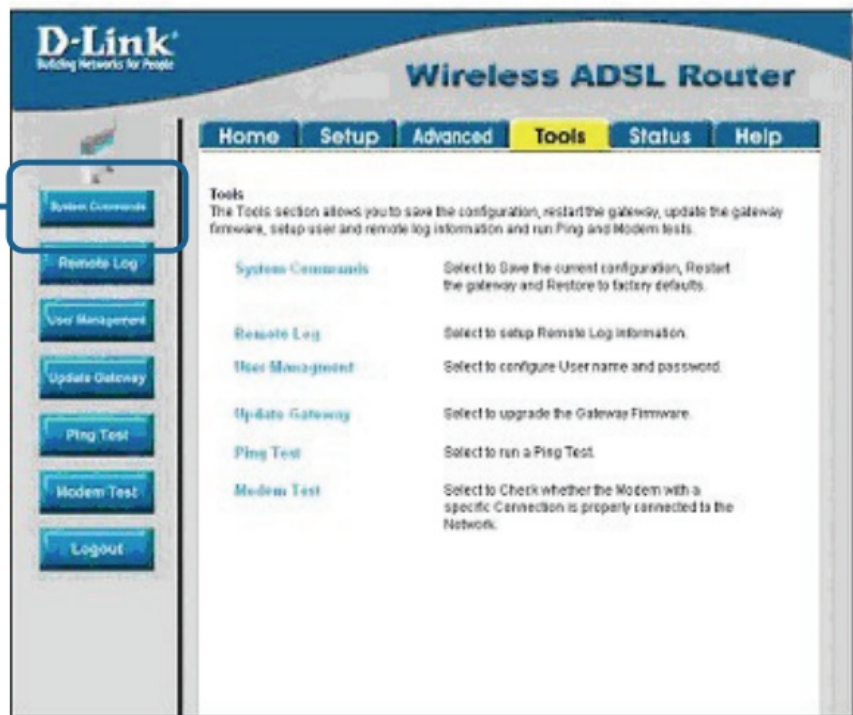
Click the **Apply** button after you have entered the account information.

Click Tools when you have applied the new settings.

Click System Commands to view the menu used to save changes.

To configure Connection 1 for PPPoE, follow the steps listed below. Some of the settings do not need to be changed the first time the device is set up, but can be changed later if you choose.

Click the **Connection 1** button to view the **PPPoE Connection Setup** menu pictured.

Type the **Username** and **Password** used for your account.
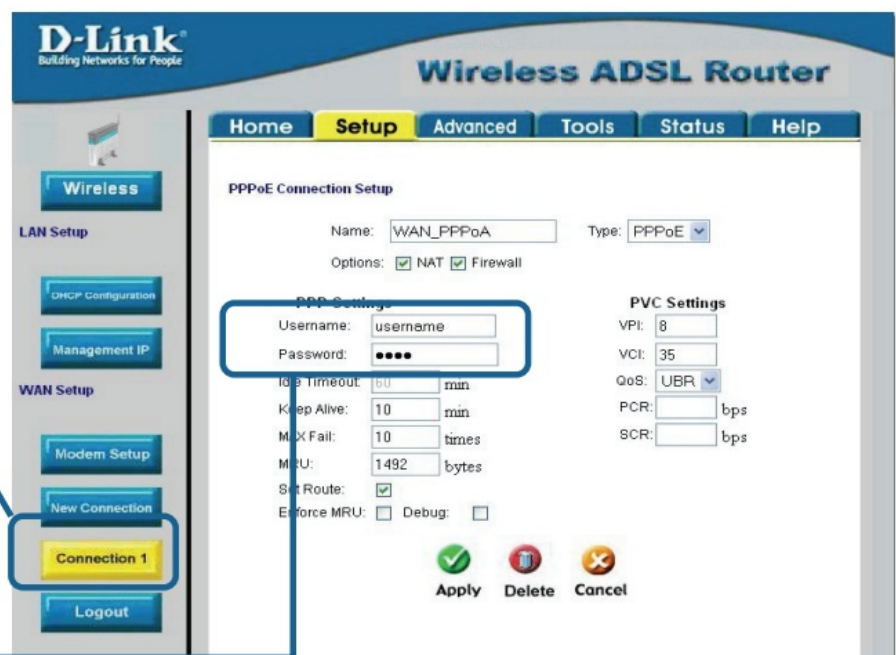
Select PPPoE from the **Type**, **VPI:** and **VCI:** - if these values are not correct, change these according to the instruction of your ISP.

Click the **Apply** button after you have entered the account information.

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Wireless ADSL Router

Home | Setup | Advanced | Tools | Status | Help

Wireless

LAN Setup

DHCP Configuration

Management IP

WAN Setup

Modem Setup

New Connection

Connection 1

Logout

PPPoE Connection Setup

Name: WAN_PPPnA   Type: PPPoE

Options: ☑ NAT ☑ Firewall

PPP Settings
Username: username
Password: ●●●●
Idle Timeout: 60 min
Keep Alive: 10 min
MAX Fail: 10 times
MRU: 1492 bytes
Set Route: ☑
Enforce MRU: ☐ Debug: ☐

PVC Settings
VPI: 8
VCI: 35
QoS: UBR
PCR: bps
SCR: bps

Apply Delete Cancel

Click Tools when you have applied the new settings.

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Wireless ADSL Router

Home | Setup | Advanced | Tools | Status | Help

Wireless

LAN Setup

DHCP Configuration

Management IP

WAN Setup

Modem Setup

New Connection

Connection 1

Logout

PPPoE Connection Setup

Name: WAN_PPPoA   Type: PPPoE

Options: ☑ NAT ☑ Firewall

PPP Settings
Username: username
Password: ●●●●
Idle Timeout: 60 min
Keep Alive: 10 min
MAX Fail: 10 times
MRU: 1492 bytes
Set Route: ☑
Enforce MRU: ☐ Debug: ☐
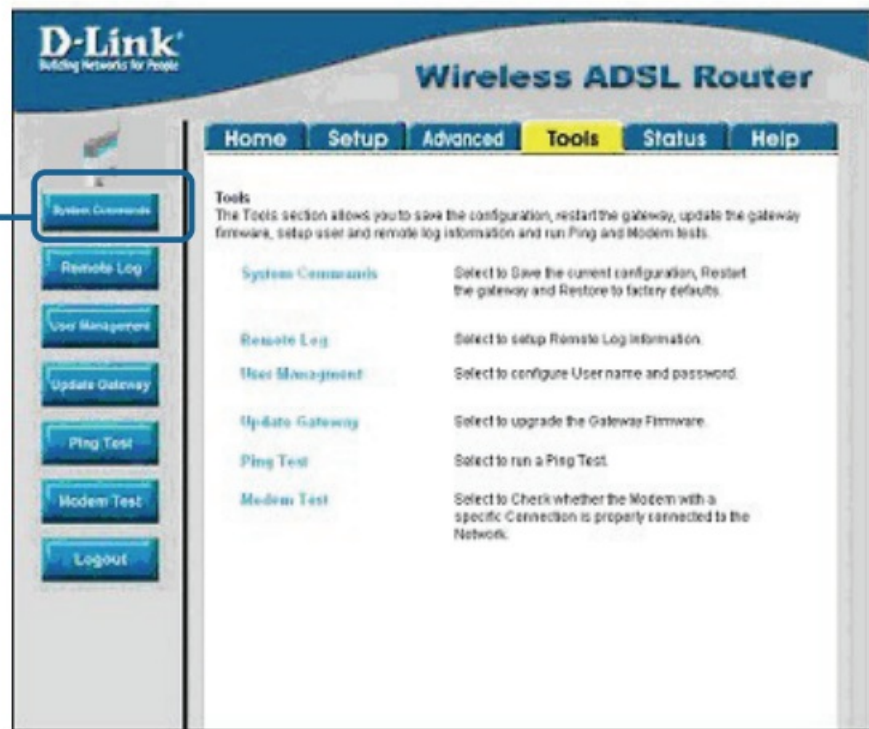
PVC Settings
VPI: 8
VCI: 35
QoS: UBR
PCR: bps
SCR: bps

Apply Delete Cancel

Click System Commands to view the menu used to save changes.

To configure the WAN connection for Bridge, perform the steps listed below. Some of the settings do not need to be changed the first time the device is set up, but can be changed later if you choose.

Click the **Connection 1** button to view the **Bridge Connection Setup** menu pictured.
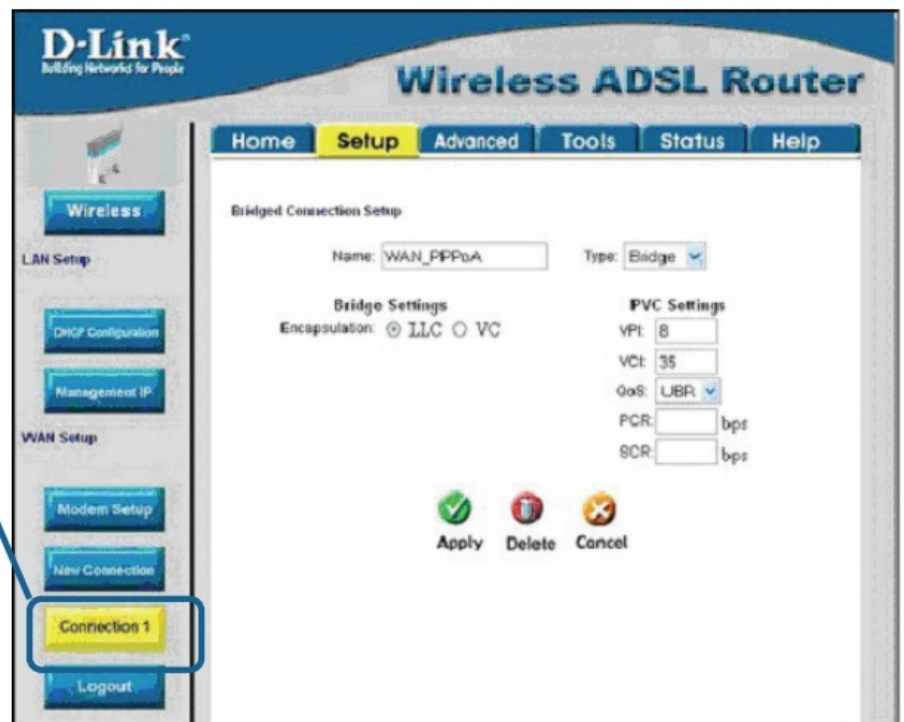
Select Bridge from the **Type**, **VPI:** and **VCI:** - if these values are not correct, change these according to the instruction of your ISP.

Click the **Apply** button after you have entered the account information.

Click Tools when you have applied the new settings.

Click System Commands to view the menu used to save changes.

Configure Connection 1 for DHCP for WAN

To configure the WAN connection for DHCP, perform the steps listed below. Some of the settings do not need to be changed the first time the device is set up, but can be changed later if you choose.

Click the **Connection 1** button to view the **DHCP Connection Setup** menu pictured.

Select DHCP from the **Type**, **VPI:** and **VCI:** - if these values are not correct, change these according to the instruction of your ISP.

Click the **Apply** button after you have entered the account information.

Click Tools when you have applied the new settings.

Click System Commands to view the menu used to save changes.

To configure the WAN connection for CLIP, perform the steps listed below. Some of the settings do not need to be changed when you first set up the device but can be changed later if you choose.

Click the **Connection 1** button to view the **CLIP Connection Setup** menu pictured.
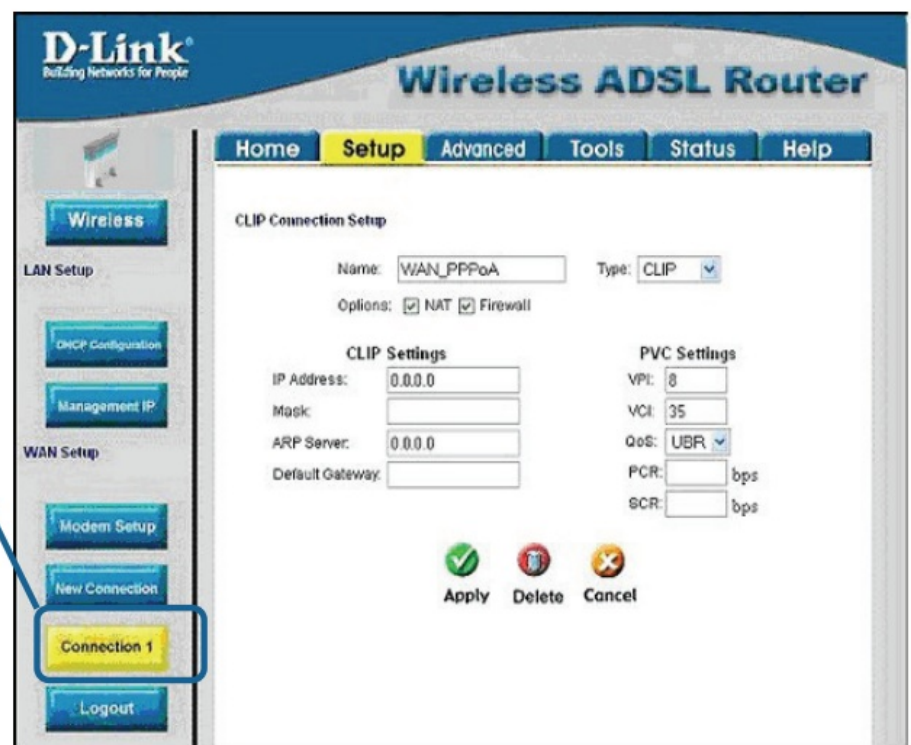
Select CLIP from the **Type**, **VPI:** and **VCI:** - if these values are not correct, change these according to the instruction of your ISP.

Enter the **IP Address** and **ARP Server** and the **Default Gateway** change these according to the instruction of your ISP.

Click the **Apply** button after you have entered the account information.

Wireless Configuration
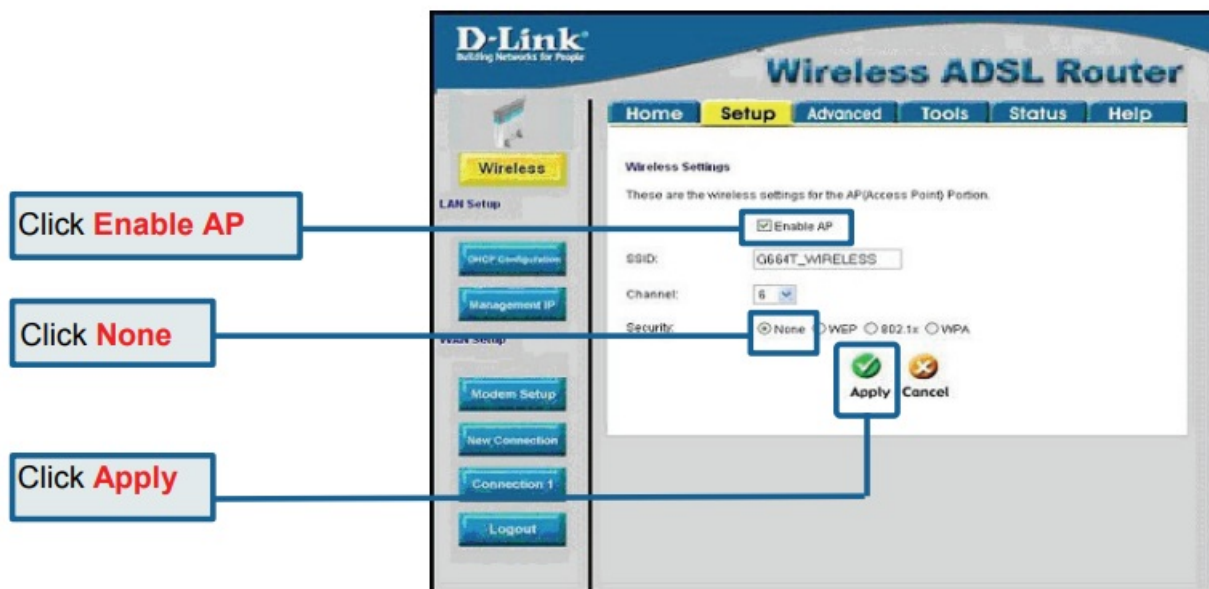
For first-time setup, accept the default settings for SSID and Channel, and bypass security by clicking None. These settings may be changed later by following instructions as given in the User's Guide.

Important Note: This Quick Installation Guide is designed to allow a first- time user to install and operate the Router easily, in order to ensure that everything is in working order. For more advanced configuration settings, particularly to do with security parameters, please consult the User's Guide that accompanies the Router.

Technical Support
You can find software updates and user documentation on the D-Link website.

- D-Link provides free technical support for customers within the United States and within Canada for the duration of the warranty period on this product.

- U.S. and Canadian customers can contact D-Link technical support through our website, or by phone.

Tech Support for customers within the United States
D- Link Technical Support over the Telephone

(877) 453-5465
24 hours a day, seven days a week.
D-Link Technical Support over the Internet
http://support.dlink.com
email :**support@dlink.com**

Tech Support for customers within Canada

D- Link Technical Support over the Telephone:(800) 361-5265
Monday to Friday 8:30am to 9:00pm EST
D- Link Technical Support over the Internet: **http://support.dlink.ca**
email : **support@dlink.ca**

Tech Support for customers within the United Kingdom & Ireland
D- Link UK & Ireland Technical Support over the Telephone

- + 44 (0)20 7365 8440 (United kingdom)
- + 353 (0)12 421 061 (Ireland)

- Monday to Friday 8:00 am to 10:00 pm
- D-Link Technical Support over the Internet
- **http://www.dlink.co.uk**

Documents / Resources

D-Link DSL-G604T Wireless ADSL Router [pdf] Instruction Manual
DSL-G604T Wireless ADSL Router, DSL-G604T, Wireless ADSL Router, ADSL Router, Router