

D-Link

Quick Installation Guide

This product can be set up using any current web browser, i.e., Internet Explorer 6 or Netscape Navigator 6.2.3.



DSL-502T
ADSL Modem Router

Before You Begin

1. If you purchased this Router to share your high-speed Internet connection with other computers, you must have an established Internet account from an Internet Service Provider (ISP).
2. It is best to use the same computer that is connected to your ISP for configuring the DSL-502T ADSL Modem Router. The DSL-502T acts as a DHCP server and will assign all the necessary IP address information on your network. See the Appendix for setting each network adapter to automatically obtain an IP address.

Check Your Package Contents



DSL-502T
ADSL Modem Router



**CD-ROM with Click'n Connect Utility,
Product Documentation and USB Drivers**



USB Cable



Telephone Cable (RJ-11)



CAT 5 UTP Ethernet Cable (RJ-45)



9V 1A
Power Adapter



Using a power adapter with a different voltage rating will damage and void the warranty for this product.

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

1

Configuring the Router via the D-Link Click'n Connect Utility

Insert the CD-ROM into your PC's CD Drive. The Click'n Connect utility should appear automatically. If it does not appear, explore your CD-ROM drive within Windows, and double-click on the file "dslutility.exe" to start the utility manually.

It is extremely important that you DO NOT connect any cables to the DSL-502T prior to completing the Click'n Connect Utility.



You can select one of five options:

1. User Manual: This option will open up the DSL-502T user manual. You will need Adobe Acrobat Reader installed to view the manual.
2. Quick Install Guide: This option will show you a software-based version of this Quick Install Guide
3. Install Acrobat Reader: Selecting this option will install Adobe Acrobat Reader onto your PC.
4. Technical Support: Selecting this option will link you to D-Link Australia/New Zealand Technical Support online.
5. Start Installation: This will commence the installation of the DSL-502T.

1

Configuring the Router via the D-Link Click'n Connect Utility

The Click'n Connect utility will guide you through the installation process step-by-step. Follow the on-screen instructions, then proceed to the next step.

Step 1 - Power Up the Device



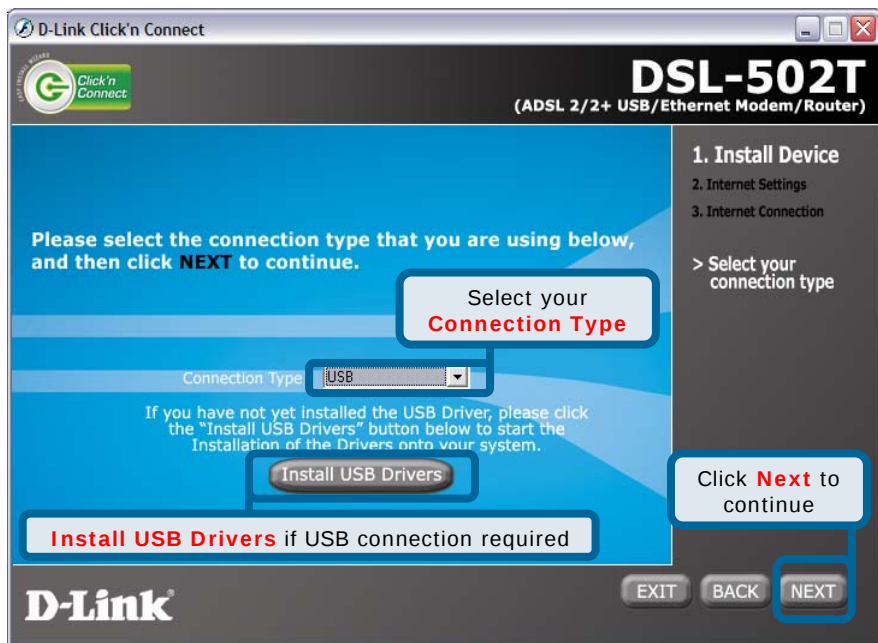
Connect the Power Adapter from the wall socket to the DSL-502T. Wait for the **Status LED** to blink before proceeding onto the next step.

1

Configuring the Router via the D-Link Click'n Connect Utility

The Click'n Connect utility will guide you through the installation process step-by-step. Follow the on-screen instructions, then proceed to the next step.

Step 2 – Select Your Connection Type



Select the connection type that you would like to use to connect the DSL-502T to your PC. You can select **Ethernet**, which uses a network cable to connect it to your PC, or you can select **USB** to connect the DSL-502T with a USB cable. Please note, however, that you will be required to install drivers for the DSL-502T if you proceed with the USB connection option. Click on **Install USB Drivers**, this will open a separate program that will install the drivers for you. Once you have completed with this option, click on **Next** to continue onto Step 3.

1

Configuring the Router via the D-Link Click'n Connect Utility

The Click'n Connect utility will guide you through the installation process step-by-step. Follow the on-screen instructions, then proceed to the next step.

This section is only relevant if you selected Ethernet as the connection type at Step 2. If you selected USB as your connection type, please proceed to page 7.

Step 3 – Select Your Connection Type – Ethernet



If you have selected **Ethernet** as your connection type, connect your **Ethernet cable** from the computer to the DSL-502T now. Wait for the **Link** LED to flash then click on **Next** to continue to Step 4.

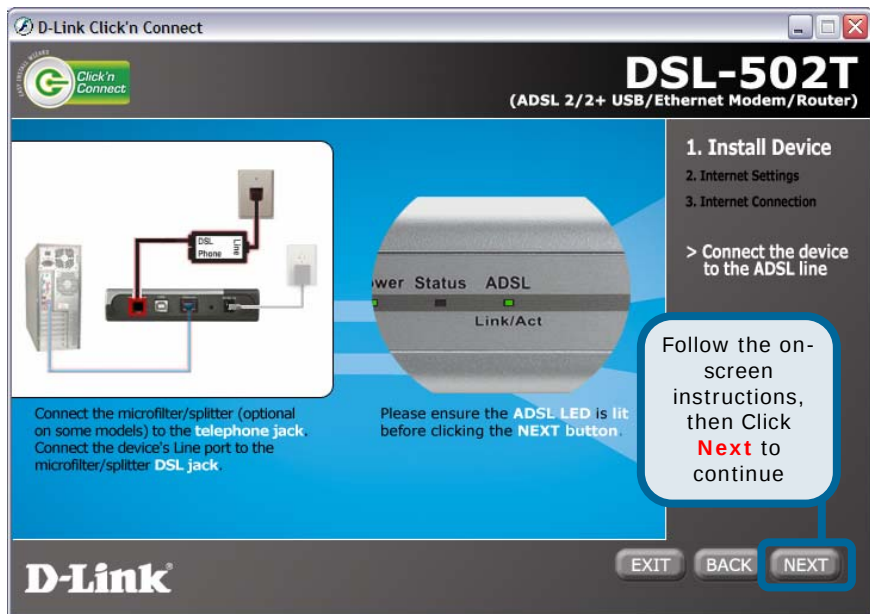
1

Configuring the Router via the D-Link Click'n Connect Utility

The Click'n Connect utility will guide you through the installation process step-by-step. Follow the on-screen instructions, then proceed to the next step.

This section is only relevant if you selected Ethernet as the connection type at Step 2. If you selected USB as your connection type, please proceed to page 7.

Step 4 – Connect the Device to the ADSL Line – Ethernet



If you have selected **Ethernet** as the connection type, connect your **ADSL telephone line** from the wall socket to the DSL-502T ADSL socket. Please note that if you are using an ADSL Splitter/Filter, you will need to connect the telephone line from the DSL socket on the filter to the DSL-502T ADSL socket.

Once you have completed this, wait for the ADSL LED to light up, and click on **Next** to continue to Step 5 on Page 9.

1

Configuring the Router via the D-Link Click'n Connect Utility

The Click'n Connect utility will guide you through the installation process step-by-step. Follow the on-screen instructions, then proceed to the next step.

This section is only relevant if you selected USB as the connection type at Step 2. If you selected Ethernet as your connection type, please go back to Page 5.

Step 3 – Select Your Connection Type – USB



D-Link Click'n Connect

DSL-502T
(ADSL 2/2+ USB/Ethernet Modem/Router)

1. Install Device
2. Internet Settings
3. Internet Connection

> Connect the device to the computer

Follow the on-screen instructions, then Click **Next** to continue

EXIT BACK **NEXT**

If you have selected **USB** as your connection type, connect your **USB cable** from the computer to the DSL-502T now. Wait for the **Link LED** to flash, then click on **Next** to continue to Step 4.

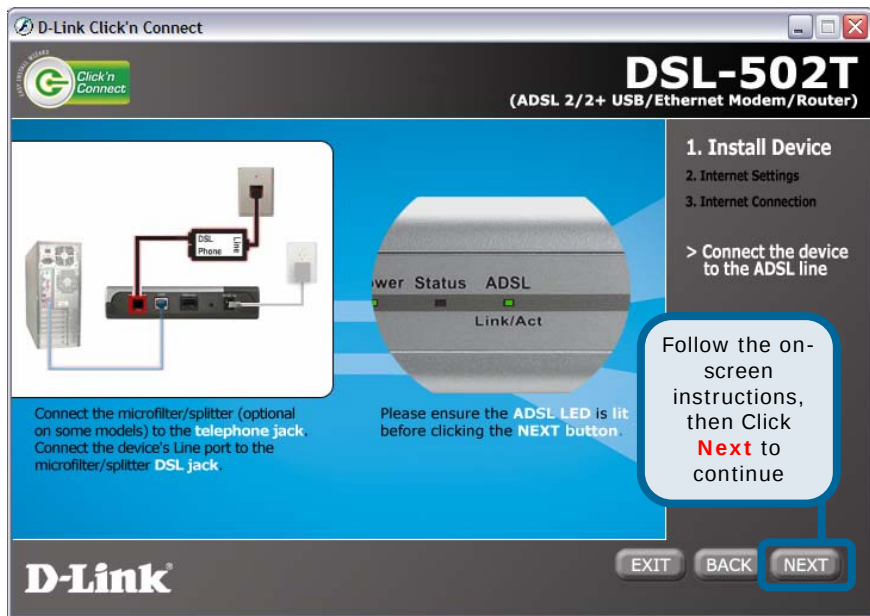
1

Configuring the Router via the D-Link Click'n Connect Utility

The Click'n Connect utility will guide you through the installation process step-by-step. Follow the on-screen instructions, then proceed to the next step.

This section is only relevant if you selected USB as the connection type at Step 2. If you selected Ethernet as your connection type, please go back to Page 5.

Step 4 – Connect the Device to the ADSL Line – USB



If you have selected **USB** as the connection type, connect your **ADSL telephone line** from the wall socket to the DSL-502T ADSL socket. Please note that if you are using an ADSL Splitter/Filter, you will need to connect the telephone line from the DSL socket on the filter to the DSL-502T ADSL socket.

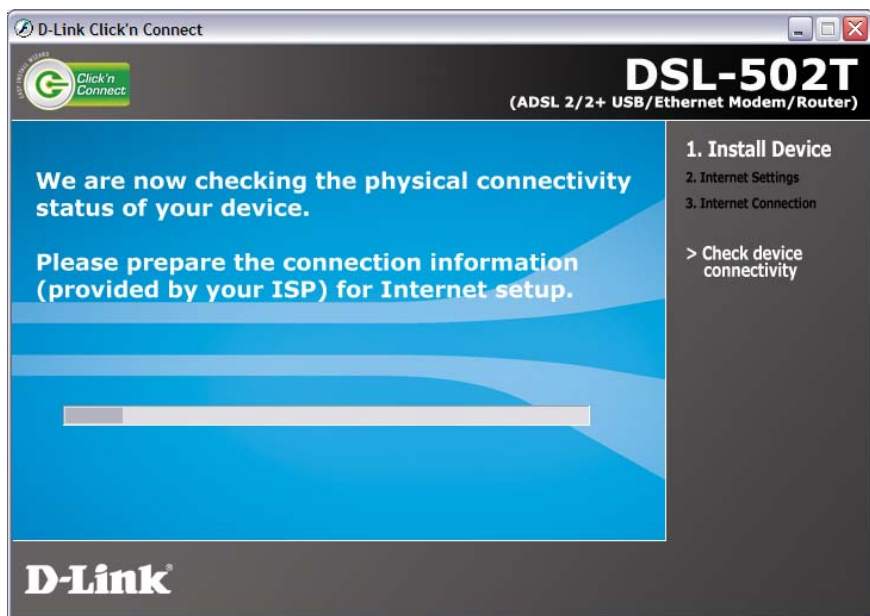
Once you have completed this, wait for the ADSL LED to light up, and click on **Next** to continue to Step 5.

1

Configuring the Router via the D-Link Click'n Connect Utility

The Click'n Connect utility will guide you through the installation process step-by-step. Follow the on-screen instructions, then proceed to the next step.

Step 5 – Checking Device Connectivity – Ethernet and USB



The Click'n Connect utility will now check the DSL-502T to make sure it has been connected correctly. Once it has successfully detected your modem, it will proceed to the next step automatically.

At this point, you may want to prepare your ADSL account information that is provided to you by your Internet Service Provider (ISP) as you will require it shortly.

1

Configuring the Router via the D-Link Click'n Connect Utility

The Click'n Connect utility will guide you through the installation process step-by-step. Follow the on-screen instructions, then proceed to the next step.

Step 6 – ISP Configuration – Ethernet and USB

The screenshot shows the 'D-Link Click'n Connect' window. The title bar says 'D-Link Click'n Connect'. The main window has a blue background with the text: 'Please choose your country and ISP (Internet Service Provider) from the list below, then click **NEXT** to continue...'. There are two dropdown menus: 'Country' with 'Australia' selected, and 'Internet Service Provider' with 'Telstra BigPond' selected. Below these are two buttons: 'Select your Country' and 'Select your ISP'. To the right, a sidebar lists the steps: '1. Install Device', '2. Internet Settings', '3. Internet Connection', and '> ISP Configuration'. At the bottom right, there is a button that says 'Click **Next** to continue'. At the very bottom, there are three buttons: 'EXIT', 'BACK', and 'NEXT'. The D-Link logo is in the bottom left corner. The top right corner of the window says 'DSL-502T (ADSL 2/2+ USB/Ethernet Modem/Router)'.

You will now be prompted to select your **Country** as well as **your Internet Service Provider (ISP)**. If your ISP is not listed for your country, select Other and enter the details that are relevant to your ISP.

Once you have completed this step, click on **Next** to continue.

1

Configuring the Router via the D-Link Click'n Connect Utility

The Click'n Connect utility will guide you through the installation process step-by-step. Follow the on-screen instructions, then proceed to the next step.

Step 7 – Account Configuration – Ethernet and USB

D-Link Click'n Connect

DSL-502T
(ADSL 2/2+ USB/Ethernet Modem/Router)

1. Install Device
2. Internet Settings
3. Internet Connection
> Account config

Please enter your account information (provided by your ISP) below, and then click **NEXT** to continue...

Username
Provided by your ISP

Enter your **ISP Username**

Password
Provided by your ISP

Enter your **ISP Password**

Confirm Password
Re-enter the Password

Click **Next** to continue

Re-Enter your **ISP Password**

D-Link

EXIT BACK **NEXT**

At this step, you will be required to enter your ADSL account **Username**, as provided by your ISP. You will also be required to enter your ADSL account **Password**, and then reenter the password in the **Confirm Password** box.

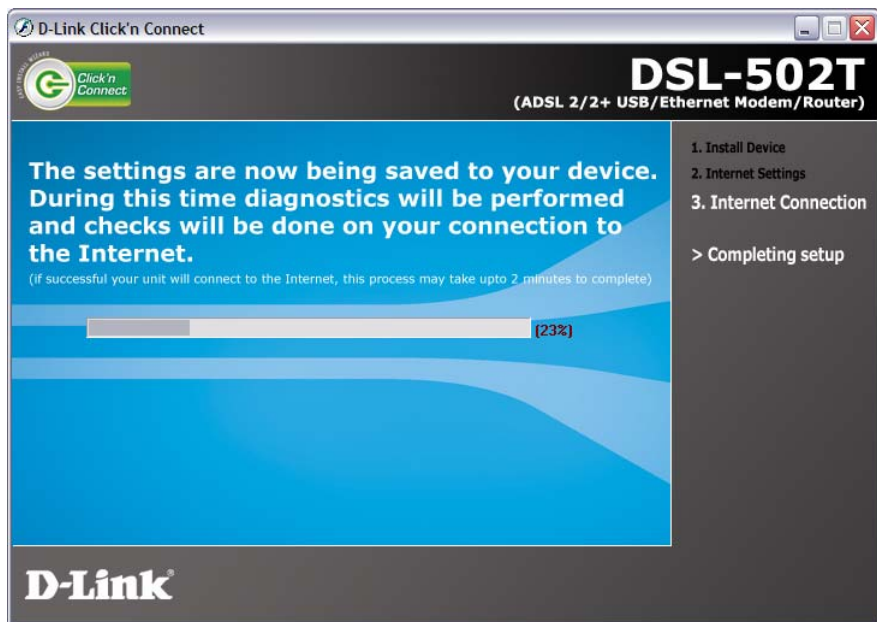
Please note, different ISP's use different Usernames. Some use the first part of your email address while some ISP's use part or all of your email address. If you are unsure as to which one your ISP uses, please confirm this with your ISP.

1

Configuring the Router via the D-Link Click'n Connect Utility

The Click'n Connect utility will guide you through the installation process step-by-step. Follow the on-screen instructions, then proceed to the next step.

Step 8 – Completing Setup – Ethernet and USB



The Click'n Connect Utility will now save the settings you have entered to the DSL-502T modem, and verify that you have entered your account details correctly to ensure an Internet connection can be established.

If you receive an error message, please review all the information that you have entered in very carefully, and try again.

1

Configuring the Router via the D-Link Click'n Connect Utility

The Click'n Connect utility will guide you through the installation process step-by-step. Follow the on-screen instructions, then proceed to the next step.

Step 9 – Setup Complete – Ethernet and USB



If you have arrived at this screen, this means that your Internet connection has been successfully established and all the details that you have entered are correct.

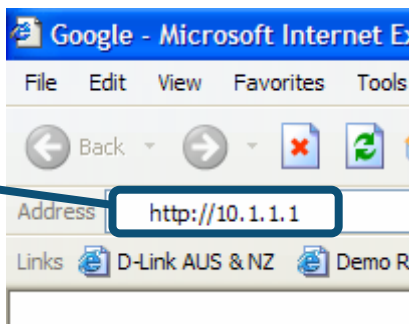
2

Configuring the Router via the Web Interface

To use your Web browser to access the DSL-502T Router, your computer must be configured to “**Obtain an IP address automatically**”, that is, you must change the IP network settings of your computer so that it is a **DHCP Client**. If you are using **Windows XP** and do not know how to change your network settings, refer to the **Appendix**. You may also wish to refer to the User Manual for further instructions.

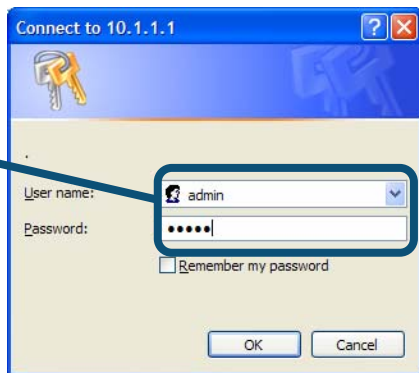
Step 1 – Logging into the Router

Open your Web browser and type **http://10.1.1.1** into the URL address box. Press **Enter** or **Return**.



The **Login** page appears below:

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

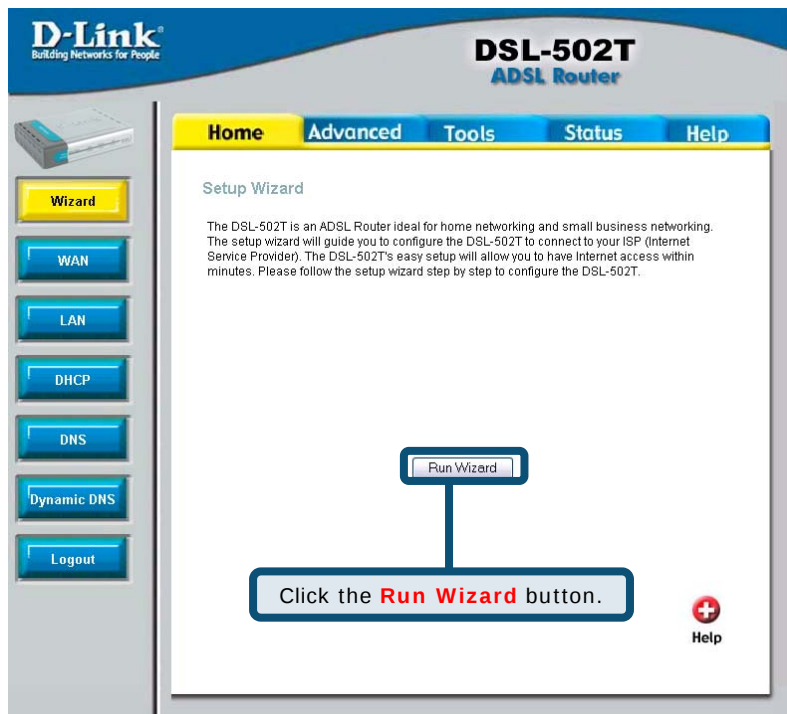


2

Configuring the Router via the Web Interface

Step 2 – Accessing the Router Setup Wizard

Once you have logged in, the **Home** directory tab is highlighted with the setup **Wizard** menu displayed. Most users will be able to use the setup wizard to establish the ADSL connection to your ADSL Internet Service Provider (ISP). To begin using the setup wizard, click on the **Run Wizard** button.



A pop-up menu will appear. This pop-up menu is the **Setup Wizard**. Proceed to Step 3 to continue.

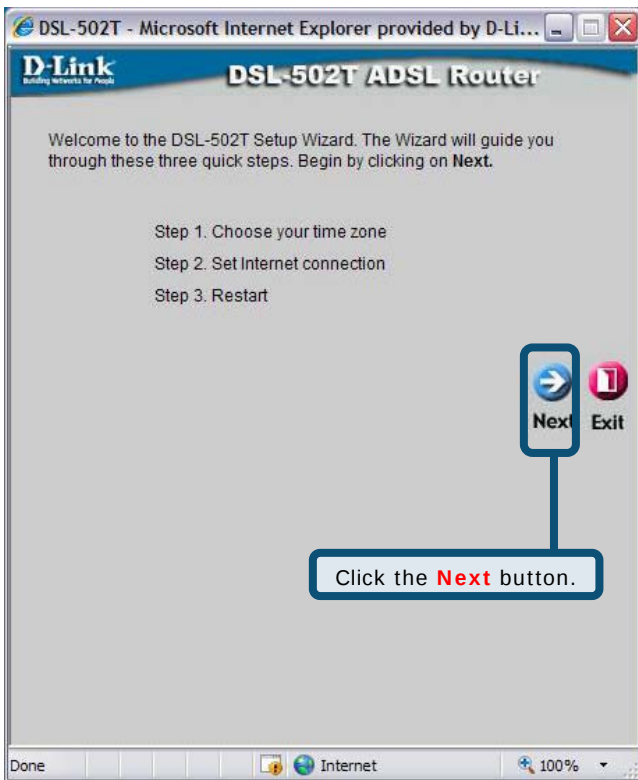
2

Configuring the Router via the Web Interface

Step 3 – Run Wizard

The Setup wizard procedure consists of three steps:

1. Choose your time zone
2. Set Internet connection
3. Save & Restart



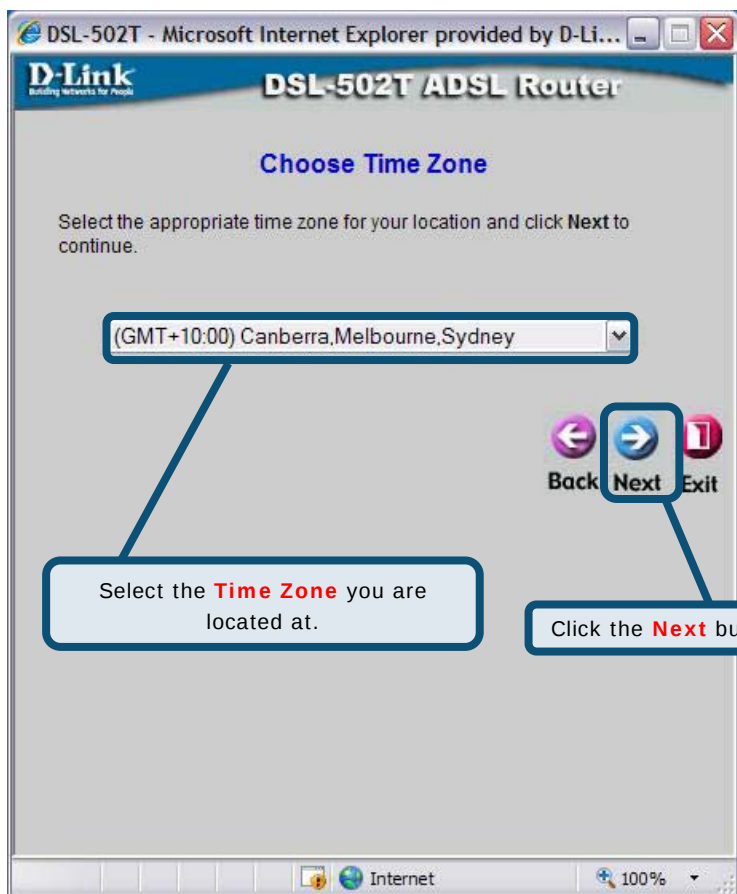
The Setup Wizard menu lists a summary of the steps that are required to complete the initial setup. Click the **Next** button to begin setup.

2

Configuring the Router via the Web Interface

Step 4 – Choose Time Zone

Configure the **Time Zone** used for the Router's system clock. Select the appropriate time zone and **Daylight Saving Time** setting for your location, then click **Next**.

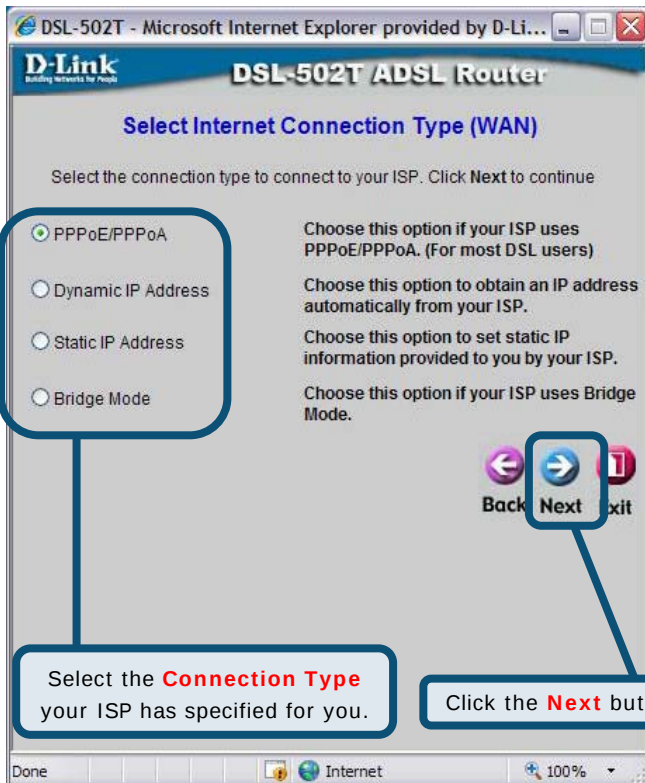


2

Configuring the Router via the Web Interface

Step 5 – Select Internet Connection Type (WAN)

Now, you will need to **Select Internet Connection Type** for the router. Your Internet Service Provider (ISP) should have given this information to you. Select the appropriate connection type for your ISP. If you do not know what type of connection you have, exit the Setup Wizard and contact your ISP. The Setup Wizard menu that appears when you click the **Next** button depends on what connection type you have selected. Please skip forward to the page that relates to your selection.



2

Configuring the Router via the Web Interface

Step 6 – PPPoE / PPPoA Connections

Select **PPPoE / PPPoA** if your ISP requires you to use this connection type to connect onto their ADSL Network. **PPPoE / PPPoA** is the standard connection type used by most ISPs.

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DSL-502T ADSL Router

Set PPPoE / PPPoA

Enter the PPPoE/PPPoA information provided to you by your ISP. Click **Next** to continue.

User Name:

Password:

VPI:

VCI:

Connection Type:

Back Next Exit

Enter these details as provided by your ISP

Click the **Next** button.

Internet 100%

Here, you will need to enter your ADSL account details. These details will be provided to you by your ISP.

1. Username: This is the username of your ADSL account.
2. Password: This is the password of your ADSL account.
3. VPI/VCI: These are provided to you by your ISP.
4. Connection Type: Select the appropriate one as is used by your ISP.

Once you have completed this step, Click **Next** to continue to Step 7 on Page 23.

2

Configuring the Router via the Web Interface

Step 6 – Dynamic IP Address Connections

Select the **Dynamic IP Address** connection type if your ISP requires you to use this connection type to connect onto their ADSL Network. Click **Next** to continue.

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DSL-502T ADSL Router

Set Dynamic IP Address

The **Clone MAC Address** is used to copy the MAC address of your Ethernet adapter to the DSL-502T. Click **Next** to continue.

VPI: 8
VCI: 35
Connection Type: 1483 Bridged IP LLC
Cloned MAC Address: 00:e0:b0:c0:d0:f0
Clone MAC Address

Back Next Exit

Leave this unchanged

Enter these details as provided by your ISP

Click the **Next** button.

Here, you will need to enter your ADSL account details. These details will be provided to you by your ISP.

1. VPI/VCI: These are provided to you by your ISP.
2. Connection Type: This is provided to you by your ISP. Select the appropriate one as is used by your ISP.
3. Cloned Mac Address: Leave this field unchanged.

Once you have completed this step, Click **Next** to continue to Step 7 on Page 23.

2

Configuring the Router via the Web Interface

Step 6 – Static IP Address Connections

Select the **Static IP Address** connection type if your ISP requires you to use this connection type to connect onto their ADSL Network. This connection type is usually required when your ISP specifies a static IP address for your internet account.

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Set Static IP Address

Enter the static IP information provided to you by your ISP. Click **Next** to continue.

VPI	8
VCI	35
IP Address	0.0.0.0
Subnet Mask	
ISP Gateway Address	
Primary DNS Address	168.95.1.1
Secondary DNS Address	
Connection Type	1483 Bridged IP LLC

Back Next Exit

Enter these details as provided by your ISP

Click the **Next** button.

Here, you will need to enter your ADSL account details. These details will be provided to you by your ISP.

1. VPI/VCI: These are provided to you by your ISP.
2. IP Address: The static IP address assigned to you.
3. Subnet Mask: This will be provided to you by your ISP.
4. ISP Gateway Address: This will be provided to you by your ISP.
5. Primary/Secondary DNS Address: This will be provided by your ISP.
6. Connection Type: This will be provided to you by your ISP.

Once you have completed this step, Click **Next** to continue to Step 7 on Page 23.

2

Configuring the Router via the Web Interface

Step 6 – Bridge Mode Connections

Select the **Bridge Mode** connection type if your ISP requires you to use this connection type to connect onto their ADSL Network.

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DSL-502T ADSL Router

Setting Bridge Mode

Enter the bridge information provided to you by your ISP. Click **Next** to continue.

VPI: 8
VCI: 35
Connection Type: 1483 Bridged IP LLC

Back Next Exit

Enter these details as provided by your ISP

Click the **Next** button.

Internet 100%

Here, you will need to enter your ADSL account details. These details will be provided to you by your ISP.

1. VPI/VCI: These are provided to you by your ISP.
2. Connection Type: This will be provided to you by your ISP. Select the appropriate one as is used by your ISP.

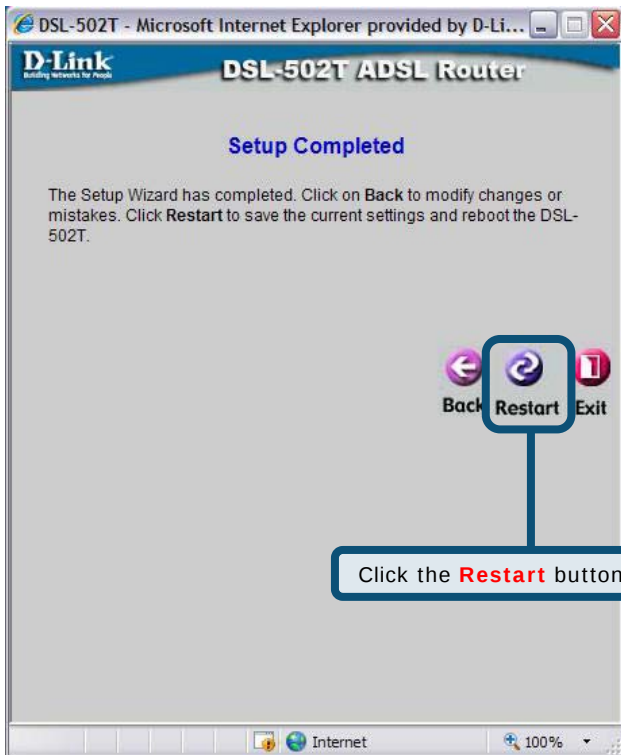
Once you have completed this step, Click **Next** to continue to Step 7 on Page 23.

2

Configuring the Router via the Web Interface

Step 7 - Setup Complete

All the settings for the connection are now completed. Click the **Restart** button to save the new settings and restart the Router. It will take about two minutes to restart the Router.



Do not turn off the Router while it's restarting.

A message will appear informing you that "**The device has rebooted successfully**". You can now launch your web browser to access the Internet.

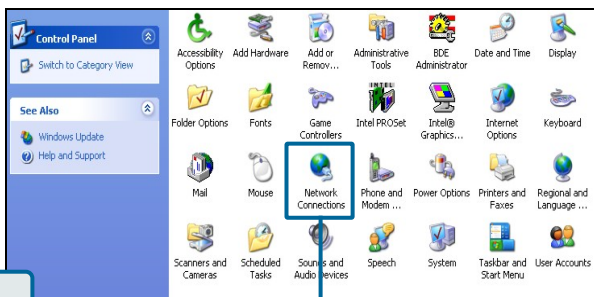
Appendix

Configuring IP Settings

To connect to the network, make sure the network adapter in your computer is configured properly. The following section describes how to configure the network adapter to obtain an IP address automatically for the DSL-502T ADSL Router.

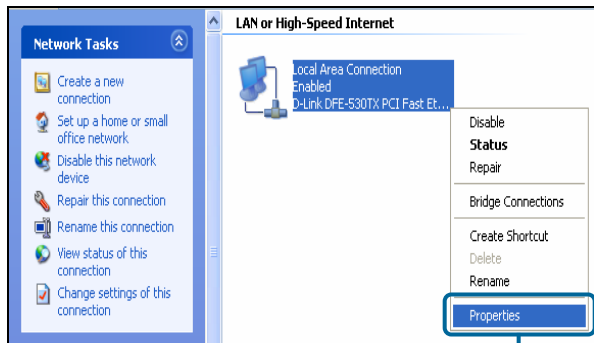
For Microsoft Windows XP

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.

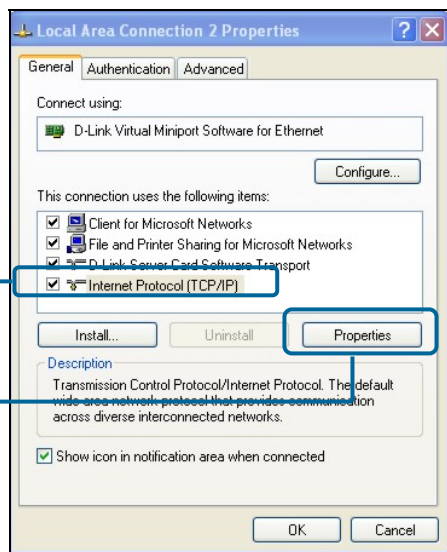


Select Properties

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

Click **Internet Protocol (TCP/IP)**

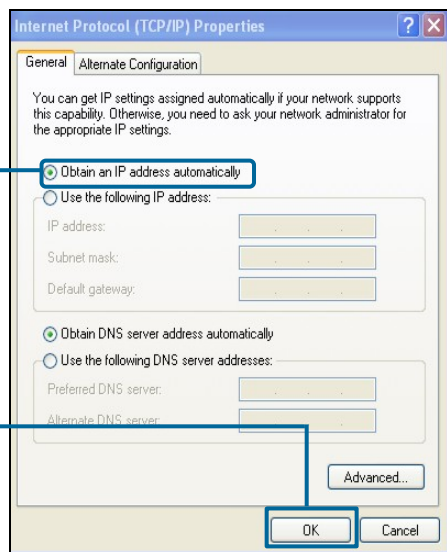
Click **Properties**



Make the choice to get IP settings assigned automatically.

Select **Obtain an IP address automatically**

Click **OK**



Technical Support

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

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