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-504T
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-504T ADSL Modem Router. The DSL-504T 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-504T Generation II
4-Port Ethernet ADSL2+ Modem Router**

CD-ROM with Click'n Connect Utility and Product Documentation

Telephone Cable (RJ-11)

CAT 5 UTP Ethernet Cable (RJ-45)

12V 1.25A 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 Connecting the Router to your Computer

1. Connect the power adapter to the power input at the back panel of the DSL-504T 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.
2. Insert one end of the Ethernet cable into an Ethernet port on the back panel of the DSL-504T and the other end of the cable to an Ethernet Adapter or available Ethernet port on your computer.
3. Insert the telephone cable included with the Router into the ADSL port, and then connect the cable to your telephone line. (Line must be activated for ADSL use)
4. Check the LED display on the front of the Router to confirm that the connections have been made. (This will be shown with solid lights for the corresponding port)

ADSL Port
Connect to your ADSL phone line

Ethernet Ports
Connect to Ethernet cable

Power Input
Connect to power adapter
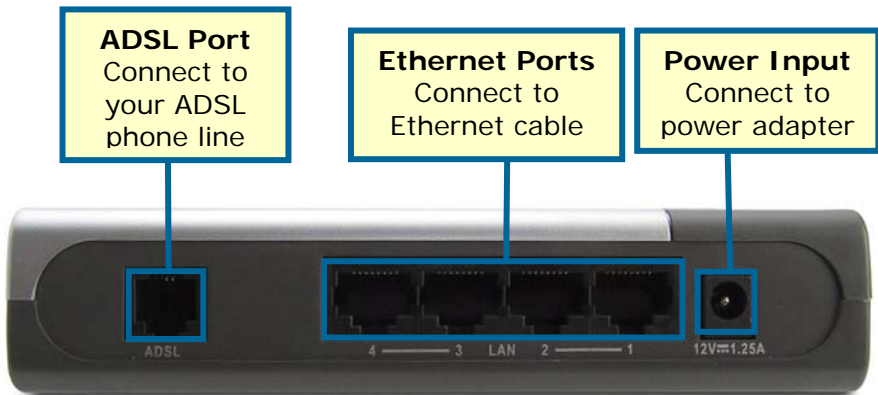
Configuring the Router via the D-Link Click'n Connect Utility

Insert the CD-ROM into your PCs 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.

You can select one of five options:

1. User Manual: This option will open up the DSL-504T 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-504T.

② 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-504T. Wait for the **Status LED** to blink before proceeding onto the next step.

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 – Connect the Device to your Computer

Connect the **Ethernet cable** from the computer to one of the DSL-504T LAN ports now. Wait for the **LAN Link** LED for the corresponding port to flash, then click on **Next** to continue to Step 3.

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 3 – Connect the Device to the ADSL Line

Connect your **ADSL telephone line** from the wall socket to the DSL-504T 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-504T ADSL socket.
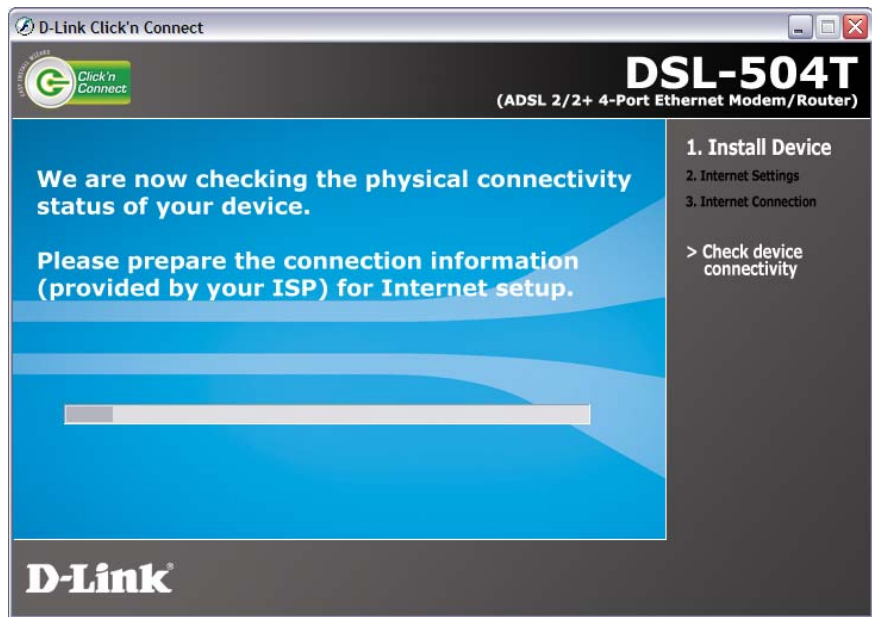
Once you have completed this, wait for the ADSL LED to light up, and click on **Next** to continue to Step 4.

② 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 4 – Checking Device Connectivity

The Click'n Connect utility will now check the DSL-504T 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.

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 — ISP Configuration

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.

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 – Account Configuration

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.

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 — Completing Setup
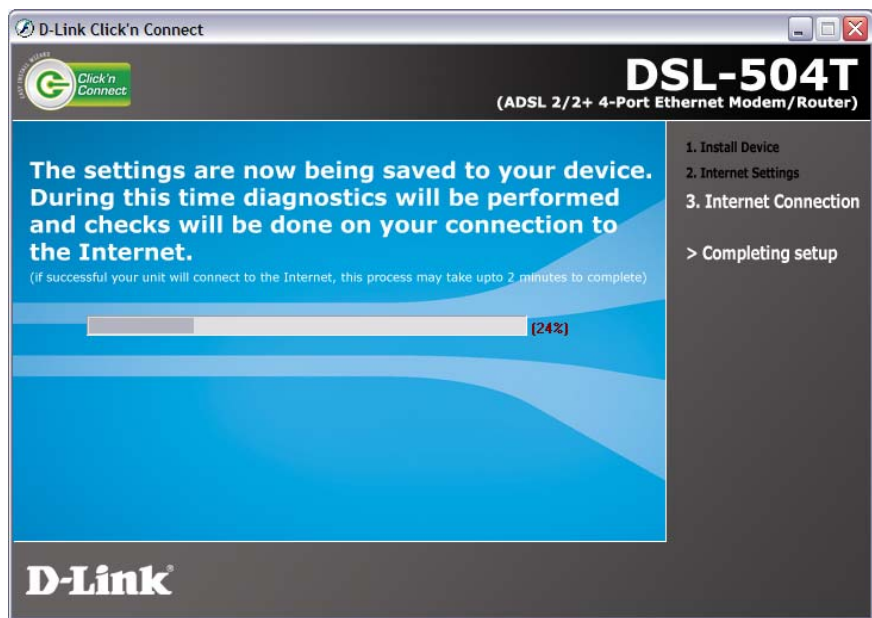
The Click'n Connect Utility will now save the settings you have entered to the DSL-504T modem, and verify that you have entered your account details correctly to ensure an Internet connection can be established.

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

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.

Configuring the Router via the Web Interface

Now it is time to configure the Router. Enter **10.1.1.1** into the URL address box.

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

File	Edit	View	Favorites	Tools

Back

Address http://10.1.1.1/

Links D-Link Australia and New Zealand

The login dialog appears:

Connect to 10.1.1.1

DSL-504T

User name: admin

Password: •••••

☐ Remember my password

OK   Cancel

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

3 Configuring the Router via the Web Interface

Once you have logged in, the **Home** directory tab is prominent with the setup **Wizard** window 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 in the middle of the web page.

Click the **Run Wizard** button.
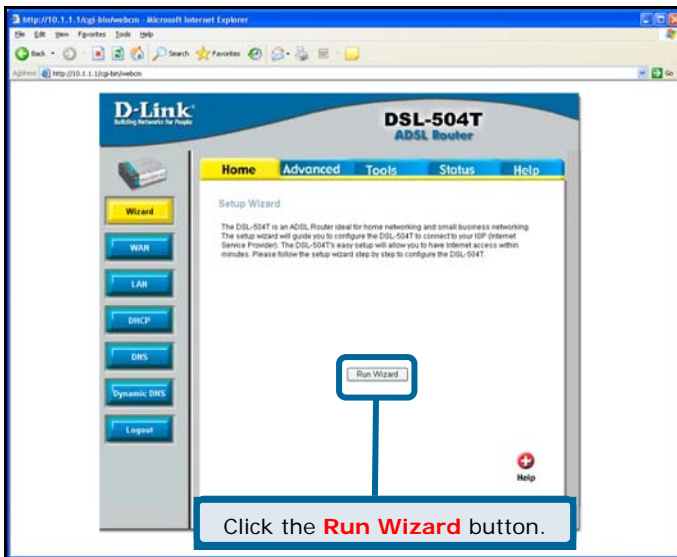
A pop-up window will appear. This pop-up window is the **Setup Wizard**. The Setup Wizard procedure consists of four general steps:
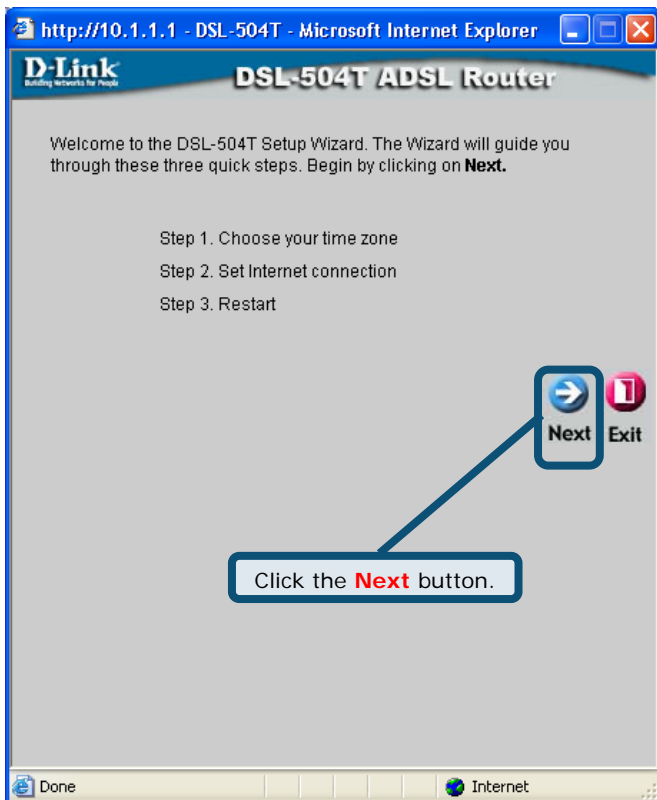
1. Choose your time zone.
2. Set Internet connection.
3. Save and restart.

When you setup the Internet connection, you will need to enter the information provided to you from your ISP. The type of information you need depends on the type of connection you are setting up.

3 Configuring the Router via the Web Interface

The first Setup Wizard window lists a summary of the steps required to complete the setup. Click the **Next** button to begin setup.

http://10.1.1.1 - DSL-504T - Microsoft Internet Explorer

D-Link **DSL-504T ADSL Router**

Welcome to the DSL-504T Setup Wizard. The Wizard will guide you through these three quick steps. Begin by clicking on **Next.**

Step 1. Choose your time zone

Step 2. Set Internet connection

Step 3. Restart

Next   Exit

Click the **Next** button.

Done   Internet

Configuring the Router via the Web Interface

3

Configure the time zone used for the Router's system clock. Select the appropriate time zone setting for your location. Click **Next** to continue.

Select the time zone you are located in.

Click the **Next** button.

Next you will set the Internet connection type for the WAN interface. Click the **Next** button.

3 Configuring the Router via the Web Interface

Configure the Internet connection type for the WAN interface. Your ISP has given this information to you. If you do not know what type of connection to use, exit the Setup Wizard and contact your ISP for the information. The Setup Wizard window that appears when you click the **Next** button depends on what connection type you select. The connection types available are PPPoE/PPPoA, Dynamic IP Address, Static IP Address, and Bridge Mode. Follow the instructions below for the type of connection you are using.

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Building Networks for People

DSL-504T ADSL Router

Select Internet Connection Type (WAN)

Select the connection type to connect to your ISP. Click **Next** to continue

- ● PPPoE/PPPoA — **Choose this option if your ISP uses PPPoE/PPPoA. (For most DSL users)**
- ○ Dynamic IP Address — **Choose this option to obtain an IP address automatically from your ISP.**
- ○ Static IP Address — **Choose this option to set static IP information provided to you by your ISP.**
- ○ Bridge Mode — **Choose this option if your ISP uses Bridge Mode.**

Back Next Exit

Select the Connection Type used for your ADSL service.

Click the **Next** button.

Configuring the Router via the Web Interface

PPPoE / PPPoA Connection

If you selected the PPPoE/PPPoA connection type in the previous window, you will see the Setup Wizard window pictured here. Type in the **Username** and **Password** used to identify and verify your account to the ISP. If you have been instructed to change the **VPI** number and **VCI** number, type in the new values. Select the **Connection Type** used for encapsulation specific to your service. Click **Next** to go to the final Setup Wizard window.

Change the **VPI** and **VCI** numbers as instructed by your ISP. Type the new values in the spaces provided here.

Type the **Username** and **Password** for your ISP account.

SL-504T - Microsoft Internet Explorer

DSL-504T ADSL Router

Set PPPoE / PPPoA

PoA information provided to you by

User Name	username
Password	••••
VPI	8
VCI	35
Connection Type	PPPoE LLC

Back Next Exit

Select the **Connection Type** as instructed by your ISP account.

Click the **Next** button.

Internet

Configuring the Router via the Web Interface

Setup Completed

All the settings for the connection are now completed. Click the **Restart** button to save the new settings and restart the Router. The following Restarting window will open to indicate the system is in the middle of rebooting. It will take about two minutes to restart the Router.

Click the **Restart** button.

Do not turn off the Router while it is restarting!

Your web browser will now automatically be launched to the Router's opening window.

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-504T ADSL Router.

For Microsoft Windows XP

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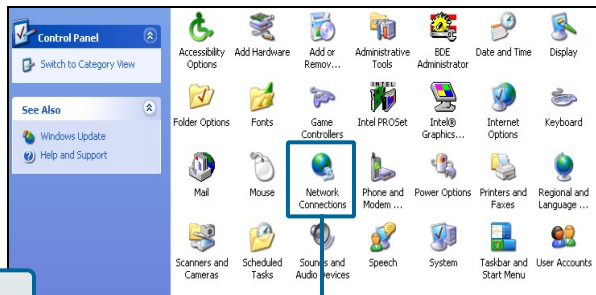
Double-click on **Network Connections**

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

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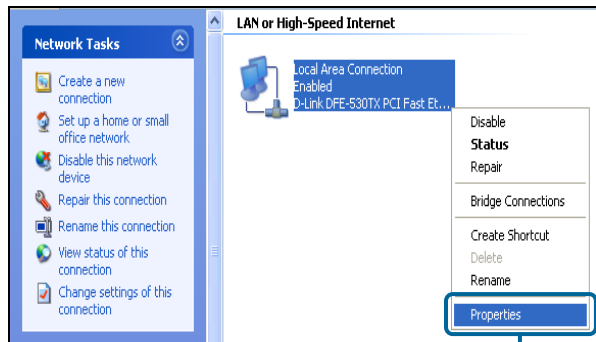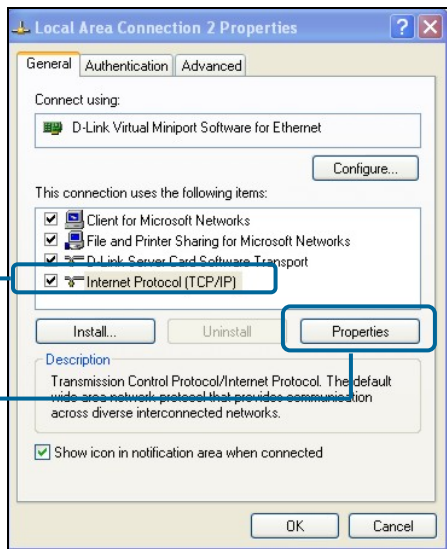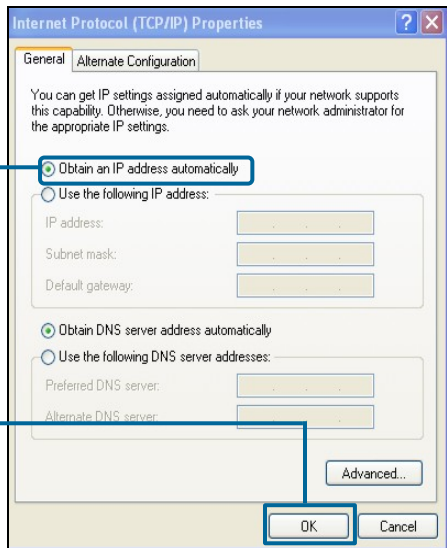☑ 🖳 File and Printer Sharing for Microsoft Networks
☑ 🖳 D-Link Server Card Software Transport
☑ 🖳 Internet Protocol (TCP/IP)

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

Make the choice to get IP settings assigned automatically.

Select Obtain an IP address automatically

Click OK

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

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Technical Support

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

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