D-Link
Quick Installation Guide

This product works with the following operating system software: Windows XP, Windows 2000, Windows Me, Windows 98SE, Macintosh OS X (10.2.x or later)

DWL-122
2.4GHz USB Wireless Adapter

Before You Begin

You must have at least the following for PC Windows Based Computers:

- You will need a computer with an available USB port to connect the DWL-122 Wireless USB adapter.
- At least a 300 MHz processor and 32 MB of memory
- An 802.11b Access Point (for Infrastructure Mode) or another 802.11b wireless adapter (for Ad-Hoc; Peer-to-Peer networking mode.)
- Properly installed and working USB Controller.

You must have at least the following for Macintosh OS X Based Computers:

- A Power Mac G3 or G4, iMac, iBook, or PowerBook (post PowerBook G3) with at least 128MB RAM.
- An 802.11b Access Point (i.e., D-Link Wireless Router, access point or Airport Base Station for Infrastructure Mode) or another 802.11b wireless adapter (for Ad-Hoc; Peer-to-Peer networking mode).
- Properly installed and working USB Controller.

Check Your Package Contents

These are the items included with your DWL-122 purchase:
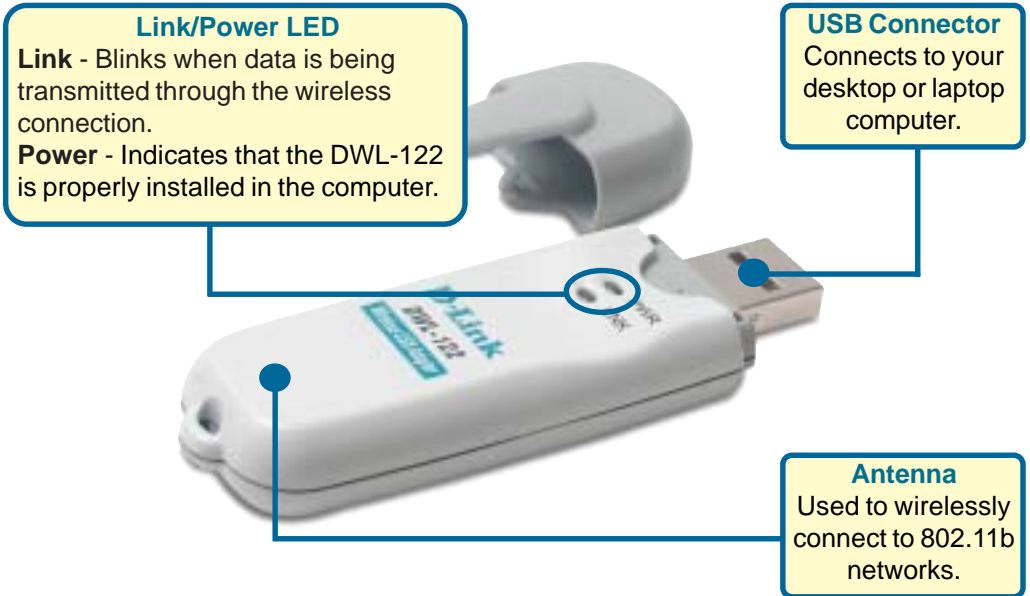

DWL-122 Wireless USB Adapter

CD-ROM (containing Drivers, Manual and Warranty)

USB Extension Cable

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

Product Overview

1 Windows OS Installation
Insert the D-Link CD-ROM Into Your Computer

Turn on the computer and **Insert** the **D- Link *Air* DWL-122 Driver CD** in the CD-ROM drive.

The step-by-step instructions that follow are shown in **Windows XP**. The steps and screens are similar for the other Windows operating systems.

⚠ **Do NOT install the DWL-122 USB Adapter into your computer before installing the driver software on the D-Link CD!**

For Macintosh OS X Installation please refer to Section 1 for Macintosh.
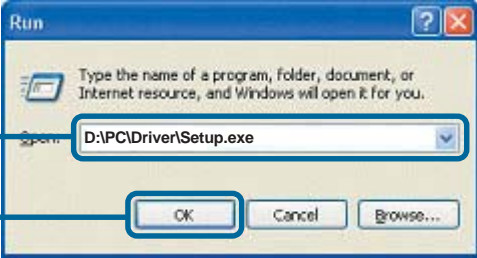
The Install Screen will appear.

Click Install Driver/PC Utility

2

If the CD Autorun function does not automatically Go to **Start** > **Run** on your computer, then type "**D:\PC\Driver\Setup.exe**." If it does start, proceed to the next screen.
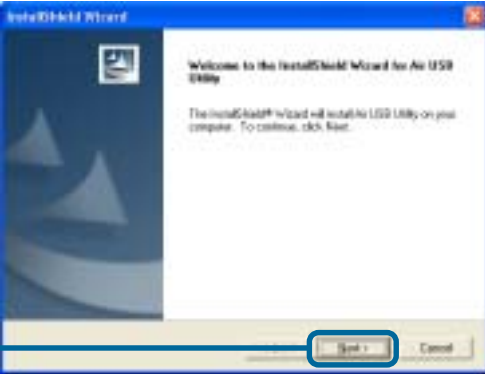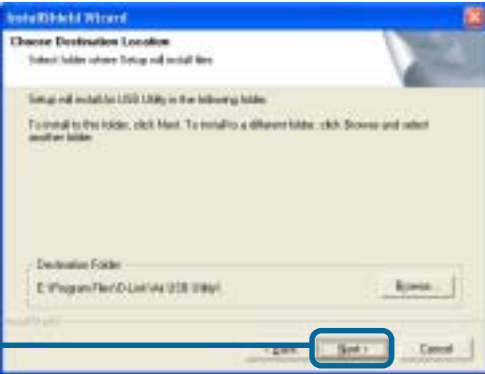
Type "D:\PC\Driver\Setup.exe."

Run

Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.

Open: D:\PC\Driver\Setup.exe

OK   Cancel   Browse...

Click OK

⚠ **The letter "D" represents the letter of the CD-ROM drive. Your CD-ROM drive may be a different drive letter.**

InstallShield Wizard

Welcome to the InstallShield Wizard for Air USB Utility

The InstallShield® Wizard will install Air USB Utility on your computer. To continue, click Next.

Click Next

Next >   Cancel

InstallShield Wizard

Choose Destination Location
Select folder where Setup will install files.

Setup will install Air USB Utility in the following folder.

To install to this folder, click Next. To install to a different folder, click Browse and select another folder.

Destination Folder
E:\Program Files\D-Link\Air USB Utility\   Browse...
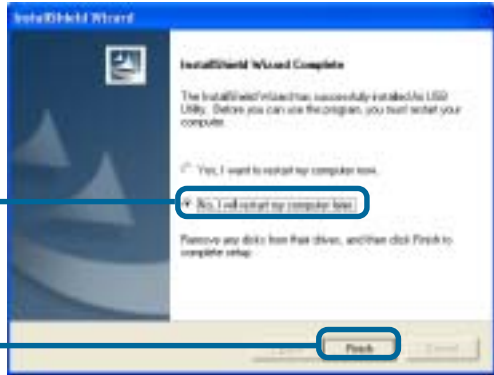
Click Next

< Back   Next >   Cancel

Click No, I will restart my computer later

Click Finish

Shut down Your Computer

2 Installing the DWL-122 Wireless USB Adapter to Your Computer

Removing the protective covering for the DWL-122.

Begin by pressing down on the cover with your thumb.

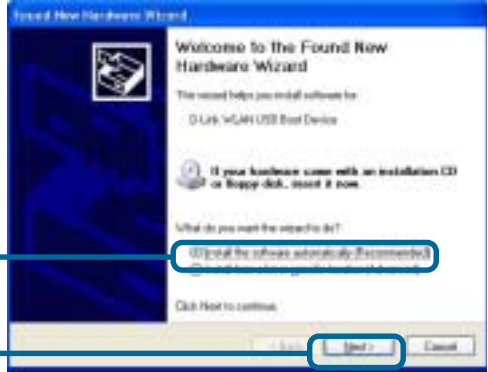**Then pull the cover away from the DWL-122.**

A. Insert one end of the USB Adapter into the provided USB cable and plug the other end into your computer's USB Port.

3 Turn on Your Computer

When you restart your computer this **Found New Hardware Wizard (Windows XP)** screen will appear:

Select Install the software automatically (Recommended)

Click Next
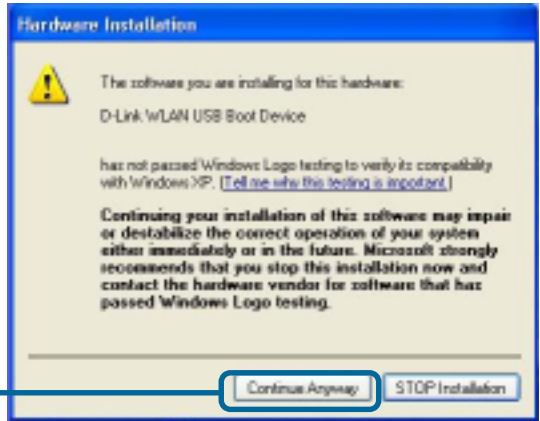
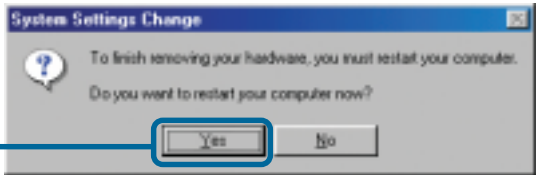Windows XP will automatically load the driver files.

Click Finish

Hardware Installation

⚠ The software you are installing for this hardware:

D-Link WLAN USB Boot Device

has not passed Windows Logo testing to verify its compatibility with Windows XP. [Tell me why this testing is important.]

Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.

[Continue Anyway]   [STOP Installation]

Click Yes to continue the installation

For Windows Me and 98SE, this screen may appear.

System Settings Change

❓ To finish removing your hardware, you must restart your computer.

Do you want to restart your computer now?

[Yes]   [No]

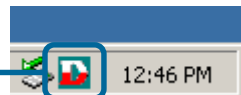**Click Yes to finalize the installation**

Your Installation is Complete!

After you've continued in Windows XP (or after the computer restarts in the other Windows operating systems), the D-Link *Air* DWL-122 **Configuration Utility** will automatically start and the utility icon will appear in the bottom right hand corner of the desktop screen (systray). **If this icon appears GREEN, then you have successfully installed the DWL-122, are connected to a wireless network and are ready to communicate!**
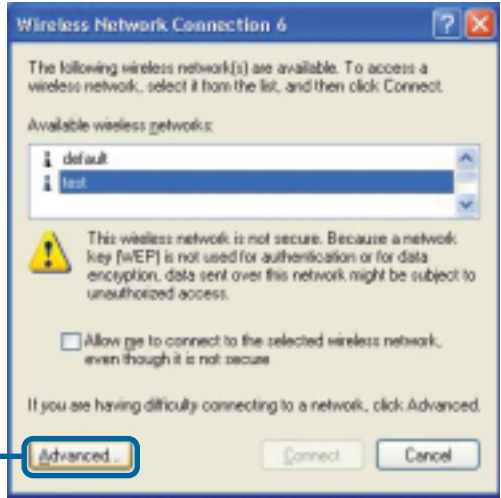
For Windows XP, if you wish to use the **Air USB Utility**, please perform the following steps.

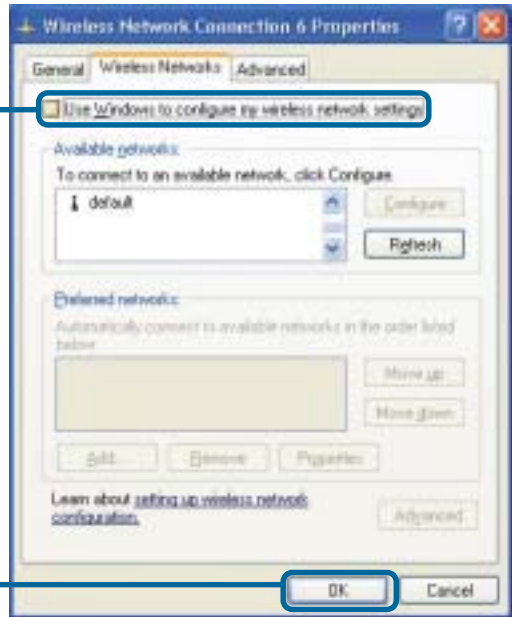**Double-click the utility icon to use the configuration utility.**

12:46 PM

4 Your Installation is Complete! (Cont.)

Click **Advanced**

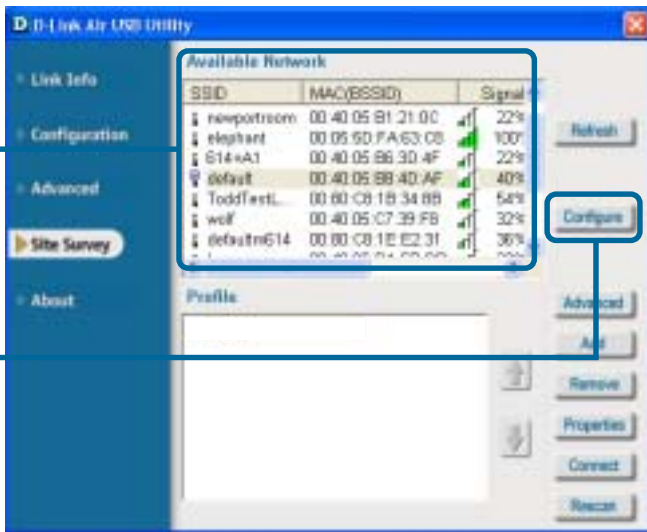Uncheck **"Use Windows to configure my wireless network settings."**

Click **OK**

7

This window displays the available wireless networks.

Click **Configure** after highlighting a wireless network you want to connect to.

By initial factory settings, WEP encryption is turned off. If your access point or wireless router is configured with WEP encryption, please make sure to enter the correct WEP key.
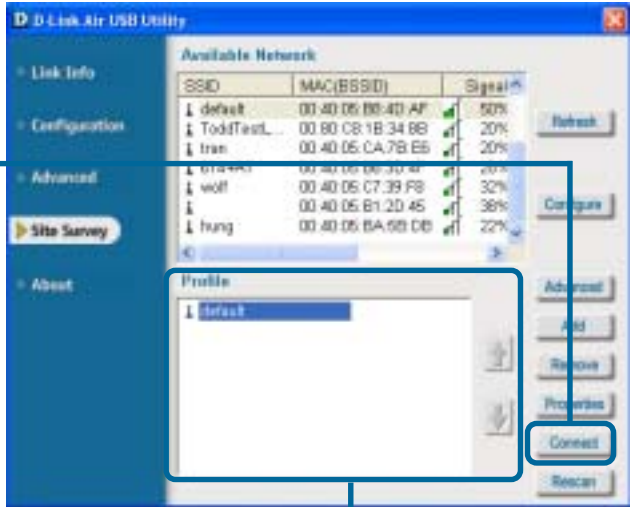
Click **OK**

Click **Connect**

Finished! You should now be connected to your wireless network! Now you are ready to participate in your new wireless environment!

The configured access point or wireless router will be displayed in the bottom window. If you have more then one profile, select the profile you wish to connect to.

① Macintosh OS X Driver Installation

Turn on your Macintosh and **Insert** the **D- Link *Air* DWL-122 Driver CD** in the CD-ROM drive.

The step-by-step instructions that follow are shown in **Macintosh OS X (10.2.x).** An Icon like the one shown should appear on your desktop.

Double Click

To start the installation, double click the "MAC" Folder , then double click "DLinkUsbDriver.dmg" That will extract the installation package, "DLinkUsbDriver.pkg." Double Click to begin.

Double Click

DLinkUsbDriver.dmg → DLinkUsbDriver.pkg

Your system may require you to enter a username and password to be able to install software.

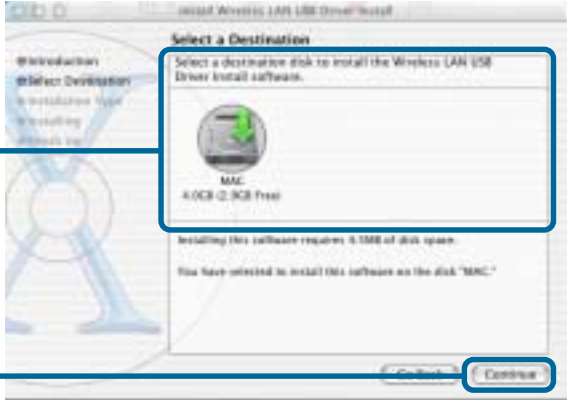**The initial install screen will appear and you must click Continue to begin the installation process.**

Click Continue

You will be prompted for a **destination** for the installation files. Select the location by double-clicking the appropriate **hard disk drive**.

Click **Continue**

Click **Continue Installation**

Click **Restart**

See **Step 2** (Windows Installation) to see how your adapter connects to your Macintosh.

Finished! Your Computer Will Now Restart

Appendix A
Using the Configuration Utility
For Macintosh OS X (10.2.x)

Load **System Preferences** and you will see an icon located near the bottom called Wireless Adaptor

Single Click

A. Network Name: The Service Set Identifier is the name assigned to the wireless network. The factory SSID setting is set to **default**.
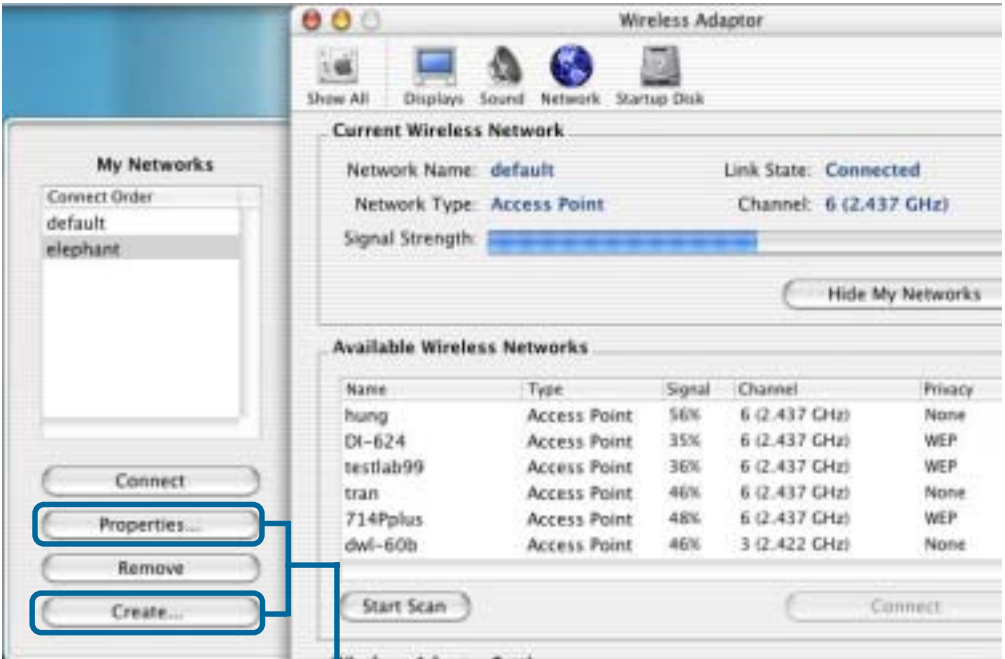
B. Network Type: Displays the type of network you are connected to. The factory setting is set to Access point. Ad-Hoc mode is used for peer-to-peer networking.
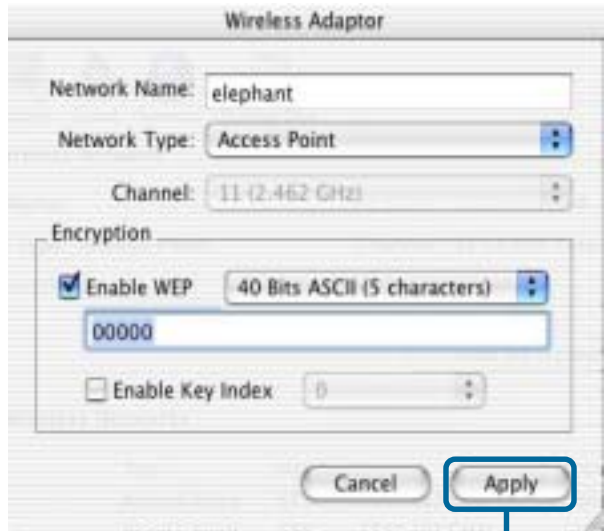
C. Channel: Displays the channel information. By default, the channel is set to 6. Please note that the DWL-122 will automatically adjust channel depending on the Access Point.

D. Signal Strength: The Signal Strength represents the wireless signal between the access point and the DWL-122.

E. Available Wireless Networks: Wireless Networks within range of the DWL-122. Also displays the type of network, signal strength, channel, and if encryption is enabled.

F. My Networks: For setting up multiple network profiles. Convenient for users travelling between wireless networks in different areas.

Appendix A (cont.)

By clicking **Properties** and **Create** this screen will appear. Here you can modify your **WEP Settings** and set the **Key Index** and also setup new profiles.

Click **Apply** to finalize the settings.

Appendix B
Using the Configuration Utility
For Windows Operating Systems

A. Status: Displays the MAC Address of the Access Point that is associated with the DWL-122.

B. SSID: The Service Set Identifier is the name assigned to the wireless network. The factory SSID setting is set to **default**.

C. Frequency: Displays the current frequency used by the adapter.

D. Wireless Mode: The factory setting is set to Infrastructure. Ad-Hoc mode is used for peer-to-peer networking.

E. Encryption: Displays the current encryption status of the wireless connection.

F. TxRate: The default setting is **Auto**; meaning, TxRate settings are automatically determined by the DWL-122 depending on the distance from the access point.

G. Channel: Displays the channel information. By default, the channel is set to 6. Please note that the DWL-122 will automatically adjust channel depending on the Access Point.

I. Packet Count: Graphically displays the statistics of data transmitted and received.

H. Signal Strength: The Signal Strength represents the wireless signal between the access point and the DWL-122. The percentage coincides with the graphical bar.

Appendix B (cont.)

J. SSID: The Service Set Identifier is the name assigned to the wireless network. The factory SSID setting is set to **default**. Make changes here to match the SSID on existing Wireless Router or Access Point.

K. Wireless Mode: The factory setting is set to **Infrastructure**. Ad-Hoc mode is used for peer-to-peer networking.

L. Data Encryption: The default setting is set to **Disabled**. The adapter supports WEP when encryption is enabled.

M. Authentication: You can specify the authentication mode for the wireless network. The default setting is set to **Open Authentication**.

N. Key Length: When encryption is enabled, you will have the option to specify the level and key format of the encryption used. Select the appropriate Key Index : 1-4 and enter ACSII or hexadecimal digits in the appropriate field.

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 U.K.

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

Tech Support for customers within the U.K:

D-Link Technical Support over the Telephone:
(0800 917 5063)
Mon-Fri, 8.00am to 8.00pm GMT

D-Link Technical Support over the Internet:
http://www.dlink.co.uk
ftp://ftp.dlink.co.uk

Tech Support for customers outside of U.K:

D-Link Technical Support over the Telephone:
Call your local D-Link Support Centre
Details found at http://www.dlink.co.uk/1407.htm

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