ZyXEL G-162

(Hardware Revision v2)

802.11b/g Wireless CardBus Adapter

Quick Start Guide

Version 1.0
May 2005

ZyXEL
Unleash Networking Power

Important Note

Federal Communications Commission (FCC) Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.   However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that
  to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This device complies with FCC RF Exposure limits set forth for an uncontrolled environment, under 47 CFR 2.1093 paragraph (d)(2).

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

About Your ZyXEL G-162

Thank you for purchasing ZyXEL G-162! The ZyXEL G-162 is an IEEE 802.11g compliant wireless LAN PC card that fits into any CardBus slot. With the G-162, our G+ SuperSpeed™ technology allows you to enjoy the benefits of wireless networking with data rates up to 125Mbps.

1. Installation Requirements

Before installation, make sure you have a computer with the following:

- Pentium II 300MHz or faster
- A minimum of 20 MB available hard disk space
- 32MB RAM (64MB Recommended)
- A CD-ROM drive
- Available 32-bit CardBus slot
- Windows XP/2000/ME/98 SE
- Windows 98 SE users may need the Windows 98 SE CD for installation

2. ZyXEL Utility and Hardware Installation

The installation procedures are similar for all supported Windows versions.
Windows XP screen shots are shown unless otherwise specified.

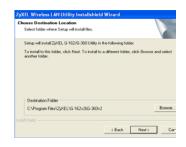> ☞ **DO *NOT* insert the ZyXEL G-162 at this point.**
>
> **The G-162 Utility should be installed first.**

1. Insert the support CD into the CD-ROM drive on your computer. The installation program will automatically run. If it does not, locate and double-click **setup.exe** on the support CD.

2. Click **Install Utility** to start installation. Client utility and driver will be automatically installed.

3. A welcome screen displays. Click **Next**.

4. Click **Next** to accept the default file location or click **Browse** to select an alternate folder.

5. Click **Finish** to restart your computer .

6. After installation is completed, the Z icon will appear in your system tray.

7. Locate an available CardBus slot on the computer.

8. With the pin connectors facing the slot and the LED side facing up, slide the ZyXEL G-162 into the slot. The LEDs turn on if the ZyXEL G-162 is properly inserted.

☞ **Never bend, force or twist the ZyXEL G-162 into the slot.**

9. Double click the Z icon to configure your wireless adapter.

> ☞ **If the ZyXEL Utility icon displays, the ZyXEL G-162 is installed properly. Refer to the *User's Guide* to configure the ZyXEL G-162.**

Important Notice:

For users who need enhanced security settings for WPA, WPA-PSK and 802.1x as well as connecting from the wireless client to the corporate RADIUS server, you need to install Funk Odyssey Client software as well.

LED Display

The following table describes the LEDs on the ZyXEL G-162.

LED	COLOR	STATUS	DESCRIPTION
PWR	Green	On	The ZyXEL G-162 is powered.
		Off	The ZyXEL G-162 is not powered.
LINK	Green	On	The ZyXEL G-162 is connected.
		Blinking	The ZyXEL G-162 is receiving or sending data.
		Off	The ZyXEL G-162 has no connection.

Troubleshooting

PROBLEM	CORRECTIVE ACTION
LED PWR is off when inserting the ZyXEL G-162 into the CardBus slot	Make sure the ZyXEL G-162 is properly inserted into the CardBus slot.
	Try to Insert the ZyXEL G-162 again. (Do not bend, force or twist into the slot.)
LED LINK is off when the LED PWR is on	Please check and make sure your AP/Router is up and running.
	Make sure you are in the coverage of the AP/Router you connect to.
Windows does not auto-detect the ZyXEL G-162.	Make sure the ZyXEL G-162 is properly inserted into the CardBus slot and then restart your computer. Once the computer has restarted, check the status of the LEDs on the ZyXEL G-162.
	Perform a hardware scan by clicking **Start**, **Settings**, **Control Panel** and then double-click **Add/Remove Hardware**. (Steps may vary depending on Windows version). Follow the on-screen instructions to search for the ZyXEL G-162 and install the driver.
	Check for possible hardware conflicts. In Windows, click **Start**, **Settings**, **Control Panel**, **System**, **Hardware** and then click **Device Manager**. Verify the status of the ZyXEL G-162 under **Network Adapter**. (Steps may vary depending on the Windows version).

PROBLEM	CORRECTIVE ACTION
	Install the ZyXEL G-162 in another computer. If the error persists, there may be a hardware problem. In this case, please contact ZyXEL customer support at 800-978-7222 or on the web at http://www.us.zyxel.com.

Please see your *User's Guide* for more Troubleshooting details.