D-Link®
Building Networks for People

Quick Installation Guide
DVG-G5402SP
VoIP Wireless Router

Package Contents

DVG-G5402SP VoIP Wireless Router

CD-ROM which includes the User Manual

Phone Cord X 2

Ether (CAT5 UTP) Cable

Power Adapter

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

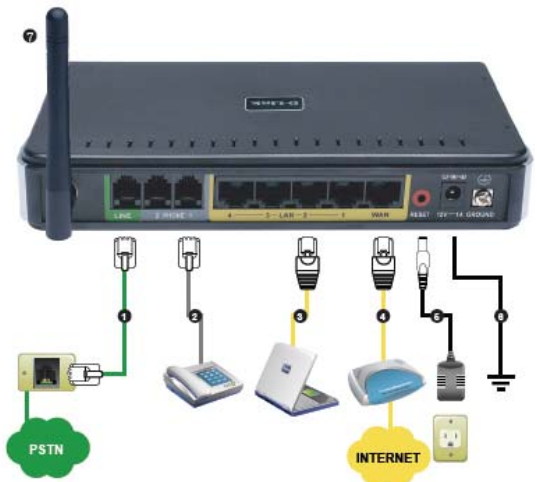
1 Hardware Overview

Front Panel

Power	Solid indicates a connection to a good power source.
Prov./Alm	A blinking light indicates DVG-G5402SP is attempting to connect with the Provisioning server. Once the service connects, the LED will turn off. The LED will light solid red if the self-test or boot-up fails.
Register	The Register LED will turn on when DVG-G5402SP is connected to a VoIP service provider. The LED will turn off if not connected to a service provider.
WAN	When a connection is established the 10 or 100 LED will light up solid. The LED will blink to indicate activity. If the 10 or 100 LED does not light up when a cable is connected, verify the cable connections and make sure your devices are powered on.
WLAN	A steady light indicates a wireless connection. A blinking light indicates that DVG-G5402SP is receiving / transmitting from/to the wireless network
LAN	When a connection is established the 10 or 100 LED will light up solid on the appropriate port. The LEDs will blink to indicate activity. If the 10 or 100 LED does not light up when a cable is connected, verify the cable connections and make sure your devices are powered on.
Phone	This LED displays the VoIP status and Hook activity on the phone port that is used to connect your normal telephone(s). If a phone connected to a phone port is off hook or in use, this LED will light solid. When a phone is ringing, the indicator will blink.
Line	Light on means the line is in use (off-hook).

1 Hardware Overview (continued)

Rear Panel



1. **Line:** Connect to your original telephone line on the wall jack with RJ-11 cable.
2. **Phone Port (1-2):** Connect to your phones using standard phone cabling (RJ-11).
3. **LAN:** Connect to your Ethernet enabled computers using Ethernet cabling.
4. **WAN:** Connect to your broadband modem using an Ethernet cable.
5. **Power Receptor:** Receptor for the provided power adapter.
6. **Ground:** A conducting connection with the earth. Connect with the ground so as to make the earth a part of an electrical circuit using metal wire.
7. **Antenna:** Connect to a wireless network.

2 Installing the Hardware

A. Insert one end of the Ethernet cable into the Ethernet (LAN) port on the back panel of the DVG-G5402SP and the other end of the cable to an Ethernet Adapter or available Ethernet port on your computer.

B. Insert one end of the Ethernet cable into the WAN port on the back of the DVG-G5402SP and the other into your cable/DSL modem or the LAN port of your router.

C. Insert a telephone cable into the Phone port, and then connect the cable to your telephone.

2 Installing the Hardware (continued)

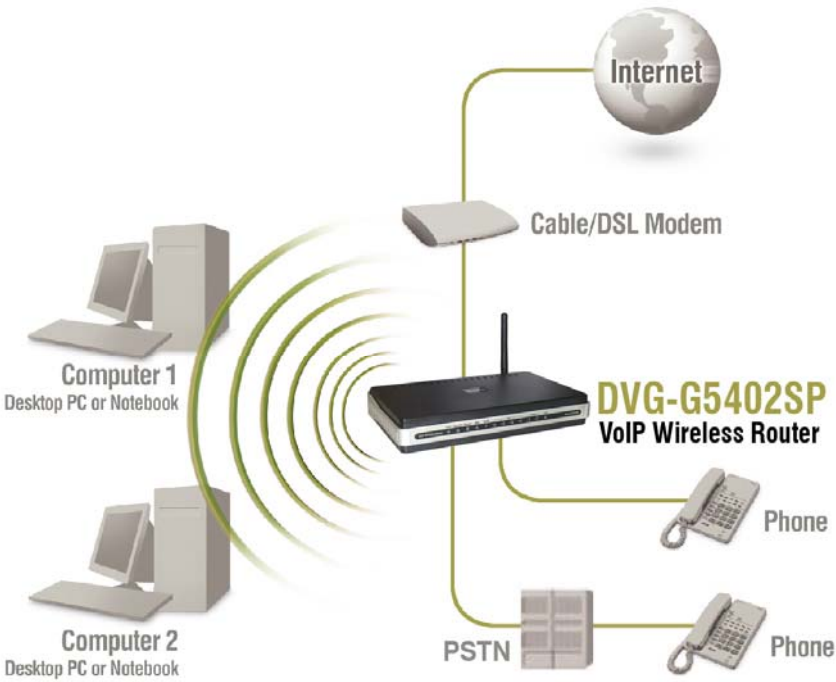
D. Insert your original telephone line on the wall jack (PSTN) into the Line port.

E. Connect the power adapter to the power input at the back panel of the DVG-G5402SP 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.

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

2 Installing the Hardware (continued)

After the installations are completed, your network should look similar to the diagram below.



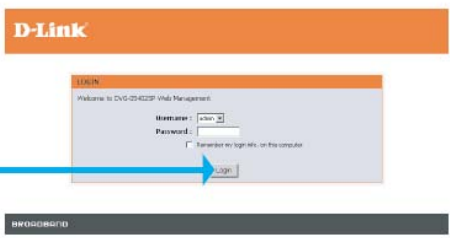
Hardware configuration is complete! If your VoIP service is already activated, you can make phone calls now.

3 Configuration

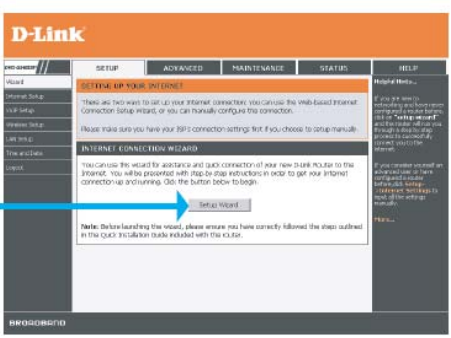
To access the web-based configuration utility, open a web browser such as Internet Explorer and enter the IP address of the DVG-G5402SP.

Open your Web browser and type **http://192.168.8.254** into the URL address box. Press the Enter or Return Key.

Click **Login** to enter Web Site.



Click **Setup Wizard**.

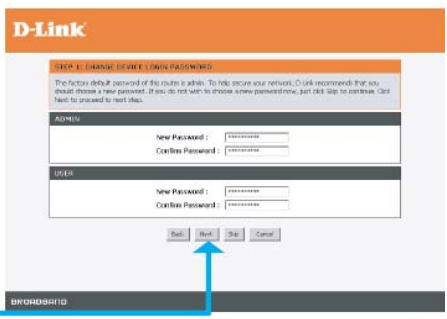


3 Configuration (continued)

Click **Next**.

The username of **ADMIN** and **USER** have been defined and locked by default. It is highly recommended to create a login password to keep your router secure.

Click **Next**.



Enter a NTP server or use the default server.

Click **Next**.

3 Configuration (continued)

Select your Internet connection type:
DHCP – Most Cable ISPs or if you are connecting the DVG-5402SP behind a router.
Static IP – Select if your ISP supplied you with your IP settings.
PPPoE – Most DSL ISPs.
PPTP – Select if required by your ISP.
BigPond – For Australia only.

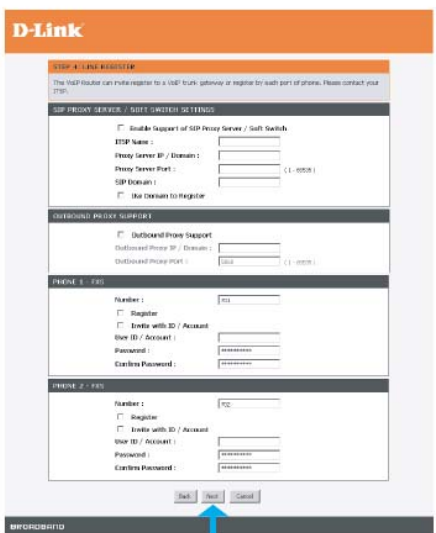
Select **Manual** to manually enter IP address of DNS or select **Auto** if DNS is assigned by ISP.

Click **Next**.

Register to the SIP Proxy Server by clicking **Enable support of SIP Proxy Server**. Enter **Proxy Server IP/Domain** and **Port**.

The **Outbound Proxy Support** is optional. To register, please click on the **Outbound Proxy Support** check box and enter **Outbound Proxy IP/Domain** and **Port** in it.

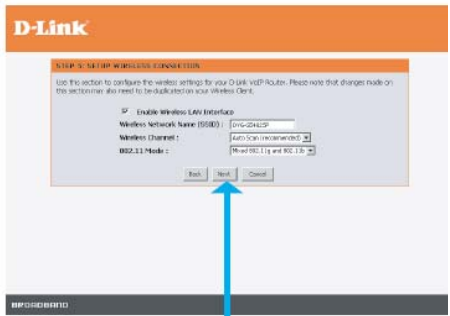
Registration by phone line: enter **Number, User ID/Account** and **Password** supplied by your ITSP. Click on the **Register** check box to register to Proxy Server.



Click **Next**.

3 Configuration (continued)

Click on the **Enable wireless LAN interface** check box to build a wireless network. Enter the SSID to name your wireless network. All devices must have the same SSID to communicate on the wireless network. Select a wireless channel. For best results, use 1, 6 or 11. Select the 802.11 Mode of your network which can work in different speed of wireless connection.



Click **Next**.

Setup is finished. Check the summary of your settings. To make new settings effective, you must click on the **Restart** button to reboot the DVG-G5402SP.

Click **Restart**.