



### **Package Contents**

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# **Voice Gateway with Router**







#### Make sure vou have the following:

- An active Internet connection
- An active Internet phone service account and its settings
- cable/DSL modem
- One computer for configuration of the Voice Gateway
- Analog telephone or fax machine with an RJ-11 phone cable

## Connect the Voice Gateway

- Power off your network devices, including your modem and PC.
- Connect the RJ-11 phone cable (included) to the Voice Gateway's LINE port and vour telephone wall
- Connect one end of a different RJ-11 phone cable to the Voice Gateway's PHONE port. Connect the other end to your analog telephone or fax machine.

**IMPORTANT:** Do not connect the PHONE port to a telephone wall jack. Make sure you only connect a telephone or fax machine to the PHONE port. Otherwise, the Voice Gateway or the telephone wiring in your home or office may be damaged.







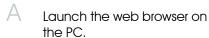
- Connect one end of an Ethernet network cable (included) to the ETHERNET port of the Voice Gateway. Connect the other end to the Ethernet port of your PC.
- Connect one end of a different Ethernet network cable to the INTERNET port of the Voice Gateway. Connect the other end to your cable/DSL modem.
- Power on the broadband modem.
- Connect the included power adapter to the Voice Gateway's power port, and then plug the power adapter into an electrical outlet. The power LED on the front panel will light up as soon as the Voice Gateway powers on.
- Power on your PC.







**NOTE:** Make sure your PC's Ethernet adapter is set to obtain an IP address automatically. For more information, refer to Windows Help.



**Configure the Voice Gateway** 

This secure Web Site ( \$2.168.0.1) requires you to log on.

LINKSYS\*

Please type the User Name and Password that you use for spa user.

OK Cancel

Sarial Number: Hardware Version: Client Certificate:

Enter 192.168.0.1/ advanced in the Address field (192.168.0.1 is the default local IP address of the Voice Gateway). Then press the **Enter** kev.

If your Internet Telephony Service Provider (ITSP) did not supply a password, you will not see a login screen. Proceed to step D.

If your ITSP supplied a password, you will see a login screen. In the User Name field, enter **user**, the default user name for user access (this cannot be changed). Then enter the password supplied by your

The Router - Status screen will appear. Click the WAN **Setup** tab.

Proceed to the appropriate instructions for your Internet Connection Type: DHCP, Static IP, or PPPoE.

#### DHCP

- Select **DHCP** for the Connection Type.
- If you use a cable modem you may need to configure the MAC Clone Settings. (Contact your ISP for more information.)

#### **Enable MAC Clone Service**. If your service uses a specific PC MAC address, then select **ves** from the Enable MAC Clone Service setting. Then enter the PC's MAC address in the Cloned MAC Address field.

Click **Submit All Changes**.

#### Static IP

- Select **Static IP** for the Connection Type.
- In the Static IP Settinas section, enter the IP address in the Static IP field. the subnet mask in the NetMask field, and the default gateway IP address in the Gateway field.





MAC Clone Settings

Exable MAC Clone Service: To 

Cloned MAC Address: MAC Clone Settings

Static IP

- In the Optional Settings section, enter the DNS server address(es) in the *Primary DNS* and optional Secondary DNS fields.
- 4 Click **Submit All Changes**.

**PPPoE** (most DSL users)

- Select **PPPoE** for the Connection Type.
- 2 Enter the user name in the PPPoE Login Name field, and enter the password in the PPPoE Login Password field
- 3 Click Submit All Changes.

If the Voice Gateway is preconfigured by your ITSP, then you do not need to change any of the default voice settings. Refer to the documentation supplied by your service provider for more information.

If you want to change the settings for your Internet phone service, refer to the User Guide, which is available on the Linksys website.

If you want to configure network settings using the Interactive Voice Response Menu, refer to the next section.

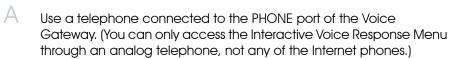
# Use the Interactive Voice Response Menu

This section explains how to use the Interactive Voice Response Menu to configure the Voice Gateway's network settings. You will use the telephone's keypad to enter your commands and select choices, and the Voice Gateway will use voice responses.

To access the Interactive Voice Response Menu:

PPPOE Lagin Fassword:

PPPOE



- Press \*\*\*\* (in other words, press the star key four times).
- Wait until you hear "Linksys configuration menu. Please enter the option followed by the # (pound) key or hang up to exit."
- Refer to the following table that lists actions, commands, menu choices, and descriptions. After you select an option, press the # (pound) key. To exit the menu, hang up the telephone.

### Using the Interactive Voice Response Menu

While entering a value, such as an IP address, you may exit without entering any changes. Press the \* (star) key twice within half a second. Otherwise, the \* will be treated as a decimal point or dot.

After entering a value, such as an IP address, press the # (pound) key to indicate you have finished your selection. To save the new setting, press 1. To review the new setting, press 2. To re-enter the new setting, press 3. To cancel your entry and return to the main menu, press \* (star).

For example, to enter the IP address 191.168.1.105 by keypad, press these keys: 191\*168\*1\*105. Press the # (pound) key to indicate that you have finished entering the IP address. Then press 1 to save the IP address or press the \* (star) key to cancel your entry and return to the main menu.

If the menu is inactive for more than one minute, the Voice Gateway will time out. You will need to re-enter the menu by pressing \*\*\*\*.

The settings you have saved will take effect after you have hung up the telephone. The Voice Gateway may reboot at this time.

#### Interactive Voice Response Menu

Command	Choices	Description
***		Use this command to enter the Interactive Voice Response Menu. Do not press any other keys until you hear, "Linksys configuration menu. Please enter the option followed by the # (pound) key or hang up to exit."
100		Hear the Internet connection type of the Voice Gateway.
110		Hear the IP address assigned to the Voice Gateway's Internet (external) interface.
120		Hear the network or subnet mask assigned to the Voice Gateway.
130		Hear the IP address of the Voice Gateway (usually the network router).
140		Hear the MAC address of the Voice Gateway in hexadecimal string format.
150		Hear the version number of the firmware running on the Voice Gateway.
160		Hear the IP address of the primary DNS (Domain Name Service) server.
170		Hear the port number of the Internet Web server used for the Web-based Utility.
210		Hear the local IP address of the Voice Gateway.
101	DHCP - Press 0. Static IP - Press 1. PPPoE - Press 2.	Select the type of Internet connection you are using. Refer to the documentation supplied by your Internet Service Provider (ISP).
	****  100  110  120  130  140  150  160  170  210	****  100  110  110  120  130  140  150  160  170  210  DHCP - Press 0. Static IP - Press 1.

## Interactive Voice Response Menu

Action	Command	Choices	Description
Set Static IP Address	111		First, set the Internet Connection Type to static IP address; otherwise, you will hear, "Invalid Option," if you try to set the static IP address. Use the * (star) key when entering a decimal point.
Set Network (or Subnet) Mask	121		First, set the Internet Connection Type to static IP address; otherwise, you will hear, "Invalid Option," if you try to set the network or subnet mask. Use the * (star) key when entering a decimal point.
Set Gateway IP Address	131		First, set the Internet Connection Type to static IP address; otherwise, you will hear, "Invalid Option," if you try to set the gateway IP address. Use the * (star) key when entering a decimal point.
Set Primary DNS Server IP Address	161		First, set the Internet Connection Type to static IP address; otherwise, you will hear, "Invalid Option," if you try to set the IP address of the primary DNS server. Use the * (star) key when entering a decimal point.
Set the Mode	201	Router/NAT Mode - Press 0. Bridge/Switch Mode - Press 1.	If the Voice Gateway acts as the router for your network, use the router/NAT mode.  If your network already has a router, use the bridge/switch mode.
Enable/Disable WAN Access to the Web-based Utility	7932	Enable - Press 1. Disable - Press 0.	Use this setting to enable or disable WAN access to the Web-based Utility. (This Utility lets you configure the Voice Gateway.)
Manual Reboot	732668		After you hear, "Option successful," hang up the phone. The Voice Gateway will automatically reboot.

#### **Interactive Voice Response Menu**

Action	Command	Choices	Description
Factory Reset	73738	Confirm - Press 1. Cancel - Press * (star).	This feature may be protected by a password available only from your ITSP. If necessary, enter the password*. The Voice Gateway will request confirmation; enter 1 to confirm. You will hear, "Option successful." Hang up the phone. The Voice Gateway will reboot, and all settings will be reset to their defaults.
User Factory Reset	877778	Confirm - Press 1. Cancel - Press * (star).	The Voice Gateway will request confirmation; enter 1 to confirm. You will hear, "Option successful." Hang up the phone. The Voice Gateway will reboot and all user-configurable settings will be reset to their factory default settings.

\* Follow these instructions to enter the password.

- A, B, C, a, b, or c press 2.
- D, E, F, d, e, or f press 3.
- G, H, I, g, h, or i press **4**.
- J, K, L, i, k, or I press 5.
- M, N, O, m, n, or o press 6.
- P. Q. R. S. o. a. r. or s press 7.
- T, U, V, t, u, or v press 8.
- W, X, Y, Z, w, x, y, or z press **9**.
- All Other Characters press 0.

For example, to enter the password phone@321 by keypad, press these keys: 746630321. Then press the # (pound) key to indicate that you have finished entering the password. To cancel your entry and return to the main menu, press \* (star).



For additional information or troubleshooting help, refer to the User Guide, which is available on the Linksys website. Contact your Internet Telephony Service Provider for further support.

#### **Linksys Website**

http://www.linksys.com or http://www.linksys.com/support

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