

LINKSYS[®]

A Division of Cisco Systems, Inc.



Package Contents

- Wireless-G Ethernet Bridge
- Setup CD-ROM
- User's Guide on CD
- Quick Installation Guide
- Detachable Antenna
- RJ-45 Network Cable
- One Pair of Bridge Stands
- Power Adapter
- Registration Card

2.4 GHz
802.11g

Wireless-G

Ethernet Bridge

Quick Installation



Model No. WET54G V2



1

Connect the Wireless-G Ethernet Bridge for Setup

- A** Attach the detachable antenna.
- B** Plug the included Ethernet network cable into the LAN port on the back panel of the Bridge.
- C** Plug the other end of the Ethernet network cable into the RJ-45 port of the hub, switch, or PC you wish to use to configure the Bridge.
- D** Plug the supplied power adapter into the Power port on the back panel of the Bridge. Then plug the other end into an electrical outlet.



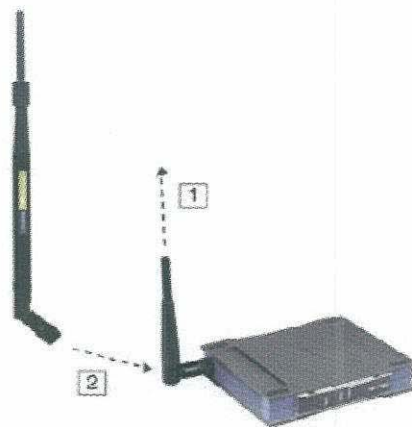
B



D

Also Available:

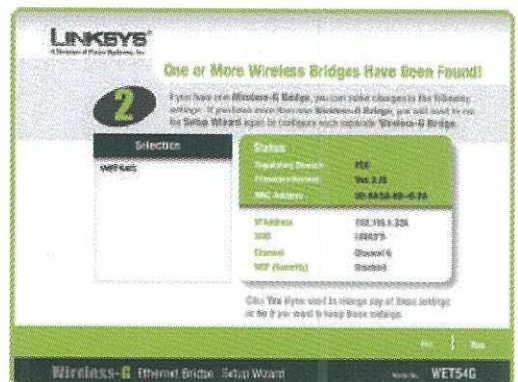
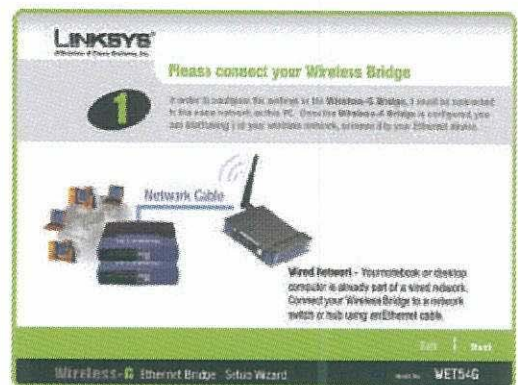
- Linksys High Gain Antenna for SMA Connectors (HGA75)



2

Set up the Wireless-G Ethernet Bridge

- A** Insert the Setup CD-ROM into your PC's CD-ROM drive. The Setup Utility should run automatically, and the *Welcome* screen should appear. If it does not appear, click the **Start** button and choose **Run**. In the field that appears, enter **D:\setup.exe** (if "D" is the letter of your CD-ROM drive).
- B** Click **Setup** to begin the setup process.
- C** Make sure the Bridge is correctly connected to your wired network. Click **Next**.
- D** The screen displays a list of Wireless-G Ethernet Bridges on your network, along with their status information. Select the Bridge you are currently installing by clicking its name in the *Selection* box. Click **Yes**.
- E** A *Password* screen will appear. In lowercase letters, enter **admin** in the *Password* field. Then click **Enter**.



F The *Mode Settings* screen will appear. Select **Infrastructure** if you want your wireless computers to communicate with computers on your wired network using a wireless access point. Select **Ad-Hoc** if you want wireless computers to communicate directly with each other.

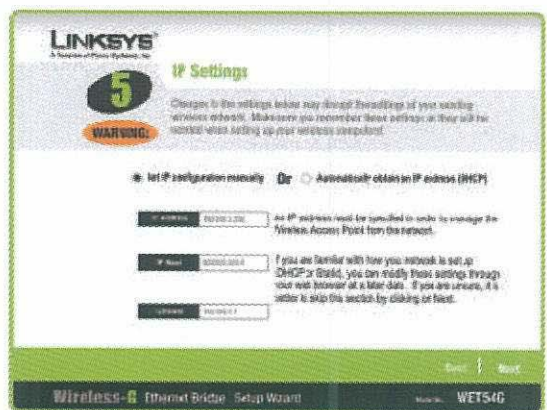
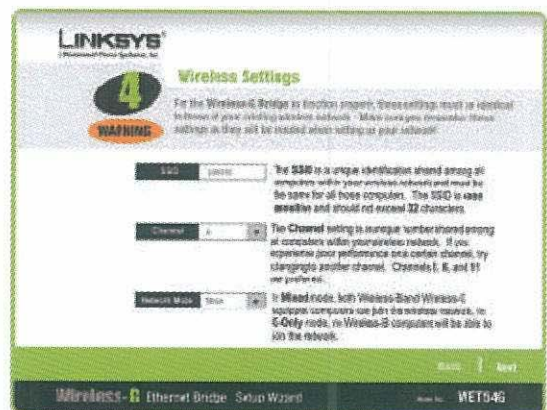
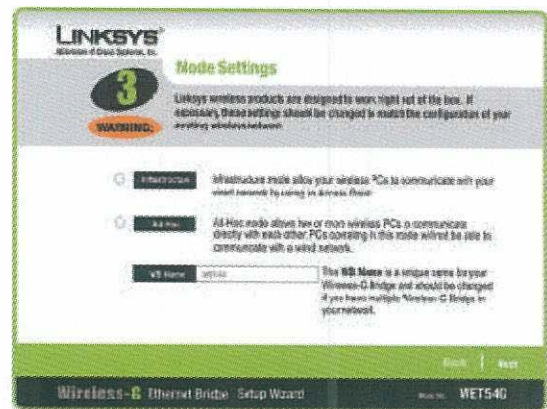
In the *WB Name* field, enter a unique name for the Bridge. Click **Next**.

G On the *Wireless Settings* screen, enter your wireless network's SSID. If you chose Ad-Hoc mode, select the channel that your network uses.

If you have Wireless-G (802.11g) and Wireless-B (802.11b) devices in your network, then keep the default *Network Mode* setting, **Mixed**. If you have only Wireless-G devices, select **G-Only**. Then click **Next**.

H The *IP Settings* screen will appear. If your network has a DHCP server, select **Automatically obtain an IP address (DHCP)**. Click **Next** and proceed to step I.

If your network does not have a DHCP server, select **Set IP**



configuration manually. Enter an IP Address, IP Mask (also known as Subnet Mask), and Gateway. You must specify an IP address. If you are unsure about the IP Mask and Gateway, leave the default settings. Click **Next** and proceed to step I.

The *Security Settings* screen will appear. Choose from WEP or WPA PSK. If your network has WEP encryption enabled, then select the level of WEP encryption, and enter a Passphrase. The WEP key will be automatically generated. If you want to manually enter the WEP key, leave the *Passphrase* field blank and enter the WEP key in the *Key 1* field. If your network has WEP encryption disabled, keep the default, **Disabled**. Then click **Next**.

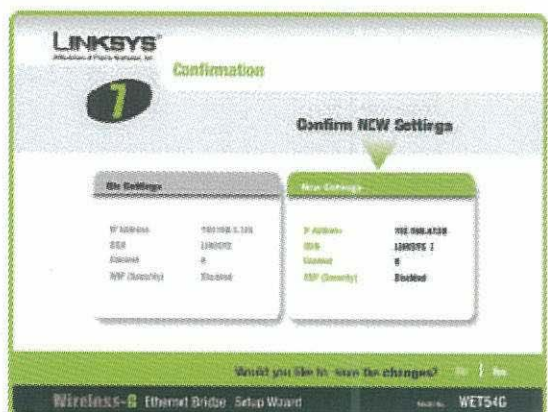
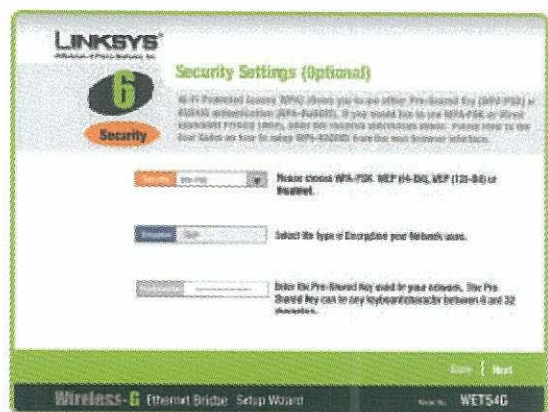
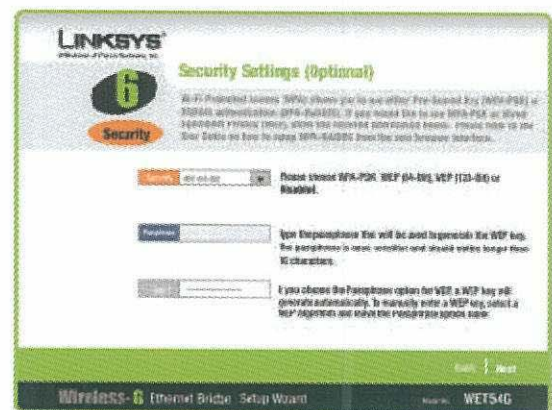
If your network has WPA PSK enabled, then select WPA PSK from the drop-down menu. Select TKIP for the algorithm, then enter a Pre-Shared Key of 8-32 characters. Click **Next**.

Review your settings on the *Confirmation* screen. Write down the Bridge's IP Address if you want to access the Bridge's Web-based Utility. Click **Yes** to save these settings.

On the *Congratulations* screen, click **Exit**.

NOTE: The default IP address of the Bridge is **192.168.1.226**.

NOTE: For more security information, refer to "Appendix B: Wireless Security." in the User Guide on the CD-ROM.



K

Federal Communication Commission 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.

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.

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.

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

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

Linksys declared that WET54G V2 is limited in CH1~11 by specified firmware controlled in USA.

INDUSTRY CANADA (CANADA)

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This device has been designed to operate with an antenna having a maximum gain of [3] dB. Antenna having a higher gain is strictly prohibited per regulations of Industry Canada. The required antenna impedance is [50] ohms.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (EIRP) is not more than that required for successful communication.

To prevent radio interference to the licensed service, this device is intended to be operated indoors and away from windows to provide maximum shielding. Equipment (or its transmit antenna) that is installed outdoors is subject to licensing.