A Division of Cisco Systems, Inc.

®

Model No.

Quick Installation

Wireless

A If you want to use the Auto Configuration button, place the Range Expander next to your wireless router or access point. Then proceed to step B.

If you want to connect the Range Expander to a wired network for setup, flip up the lid covering the Ethernet network port on the Range Expander’s front panel. Connect the Ethernet network cable to the Range Expander and your router. Proceed to step B.

B Connect the appropriate power plate, and then connect it to a power outlet, preferably a surge protector.

C Place the Range Expander in an optimum location. The best placement is usually at the edge of your wireless network.

D Fix the direction of the antenna. Normally, the higher you place the Range Expander’s antenna, the better the performance will be. Proper positioning of the antenna can enhance its receiving sensitivity.

E Connect the power plate to a power outlet, preferably a surge protector.

Congratulations! The installation of the Wireless-G Range Expander is complete.

2 Using the Auto Configuration Button

A Press the Range Expander’s Auto configuration button and hold it down for five seconds. Then release the button.

The LEDs on the Range Expander will flash for up to one minute while it is being auto-configured. When both of the LEDs are solidly lit blue, the Range Expander is properly configured and ready for use.

B To move the Range Expander, unplug it from the power outlet.

C IMPORTANT: If you install the Range Expander into your network using the Auto configuration button and decide that you want to enable wireless security on your entire network, use the Web-based Utility to enable wireless security on the Range Expander. Refer to the User Guide on the CD for details.

Congratulations! The installation of the Wireless-G Range Expander is complete.

Package Contents

• One Wireless-G Range Expander
• One AC Power Adapter
• One Setup Wizard CD with User Guide
• One Quick Installation
• One Registration Card

Wireless-G

Range Expander

Quick Installation

Model No. WRE54G

2.4GHz 802.11g

Connecting the Range Expander

Before you begin installation of the Range Expander, make sure your wireless network is operational.

If your existing wireless network has security disabled, follow the instructions in “Step 1: Connecting the Range Expander” and “Step 2: Using the Auto Configuration Button.”

If your existing wireless network has security enabled, follow the instructions in “Step 1: Connecting the Range Expander” and “Step 3: Using the Setup Wizard.”

IMPORTANT: If you install the Range Expander into your network using the Auto configuration button and decide that you want to enable wireless security on your entire network, use the Web-based Utility to enable wireless security on the Range Expander. Refer to the User Guide on the CD for details.
After you have powered on the Range Expander and placed it near your wireless router or access point, run the Setup Wizard.

A Insert the Setup Wizard CD into your PC’s CD-ROM drive. The Setup Wizard should run automatically, and the Welcome screen should appear. If it does not, 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 the Setup button.

C Make sure your access point or wireless router is working properly. Then click Next.

D The Setup Wizard will run a search for your wireless network. If found, you will be asked to confirm the settings. If the settings are correct, click Yes and proceed to step G. If you’d like to choose a different wireless network, proceed to step E.

You will be notified if no wireless network is found. Make sure your wireless network is operational. Then click Continue to run the search again, and proceed to step E.

E The site survey results will display all available access points and wireless routers. Select the one you want and click Yes.

F If security is disabled, then proceed to step G. If security is enabled, the appropriate Security Settings screen will appear. Enter the WEP or WPA settings. Then click Next.

WEP - Select the level of WEP encryption, WEP (64-Bits) or WEP (128-Bits). Then enter the passphrase or the WEP key.

WPA - Enter the passphrase or pre-shared key.

G Now that the Setup Wizard has found an access point or wireless router with which to communicate, it will now search for the Range Expander. Select the one you want and click Yes.

H Enter the Range Expander’s default password, admin, and click Enter.

I Enter an IP Address and appropriate Subnet Mask. Then enter the IP Address of your network gateway, as well as a descriptive name for the Range Expander. If you are not sure what to enter, keep the default settings. Click Next.

J Review the new settings, and click Yes to save them.

K Click Online Registration to register the Range Expander, or click Exit to exit the Setup Wizard.

L Unplug the Range Expander from the power outlet.

M Locate an optimum location for the Range Expander. The best placement is usually at the edge of your wireless network.

N Fix the direction of the antenna. Normally, the higher you place the Range Expander’s antenna, the better the performance will be. Proper positioning of the antenna can enhance its receiving sensitivity.

O Connect the power plate to a power outlet, preferably a surge protector.

Congratulations! The installation of the Wireless-G Range Expander is complete.