

## 1 Verify Kit Contents

1. Wall Mounting Plate
2. Power Supply
3. Processor Module
4. AC Power Cord
5. CD-ROM containing Software and Documentation
6. HP 520wl Cover

### Additional Items Required

- Desktop PC or Laptop with a CD-ROM Drive
- Windows 95 or later
- At least one HP ProCurve 802.11a, b, or g AP Card for installation into HP 520wl (only one "a" card can be installed)
- A cross-over Ethernet cable to initialize the unit (Step 4) - optional
- MS IE 5.5 or Netscape 6.0 or better web browser - **disable the proxy server (do not use a proxy server to access the Internet)**

## 2 Install Software and Documentation

Insert the CD into your computer CD-ROM drive and install the software and documentation.

- Help files are installed on **C:\Program Files\HP\AP\_520wl\Help**.
- The ScanTool icon is installed on your desktop and added to the **Start > Programs > 520WL** menu.

## 3 Set Up the HP 520wl Unit

1. Clip the power supply into the mounting bracket.
  - When selecting the installation location for the HP 520wl, the AC power outlet should be near the 520wl and should be easily accessible in case the 520wl must be powered off.
  - Do not mount or use the HP 520wl or power supply outdoors.
2. Plug the AC power cord into the power supply.
  - Use only the power supply provided with your HP 520wl.
  - If your installation requires a different power cord than the one supplied with your HP 520wl, be sure to use a power cord displaying the mark of the safety agency that defines the regulations for power cords in your country. The mark is your assurance that the power cord can be used safely with the HP 520wl.
3. Slide the HP 520wl processor module onto the mounting bracket. Make sure it is properly seated.
4. Plug the DC connector from the power supply into the top of the HP 520wl processor module.
5. Slide an 802.11a, b, or g AP Card (**not included in the kit**) into Slot A or B. To avoid strain on the antenna cable, install the "a" card (160wl) in Slot A.
6. Connect the HP 520wl unit to a power source.
7. You can leave the cover off until Step 8, "Final Installation". Wait for the power LED to turn green before proceeding.

## 4 Initialize the HP 520wl Unit

There are two ways to connect the HP 520wl unit to your computer:

- Connect the HP 520wl unit to a stand-alone PC using the cross-over Ethernet cable (see Step 1), and determine the IP address of your computer (for example, **169.x.x.x**).
- OR
- Connect the HP 520wl device to a DHCP server **on the same subnet** as your computer.

If you choose path "A", follow these steps:

1. Double-click on the **ScanTool** icon on your desktop. ScanTool is a Windows-based program that displays the HP 520wl devices and their IP addresses and allows for limited initial configuration of the unit.
2. Click on the **Change** button.
3. Select **static** under IP Address Assignment Type.
4. Enter an IP address for the HP 520wl unit within the same subnet as your computer (for example, **169.x.x.y**).
5. You will need to enter a Read/Write Password before clicking **OK**. The default password is **public**.

If you choose path "B", double-click on the **ScanTool** icon on your desktop to find the IP address of your HP 520wl unit, and continue with this procedure.

## 5 Basic Configuration

1. Open your web browser and if necessary, disable the browser's Internet proxy settings.
2. In the browser, enter in the IP address of the HP 520wl in the URL field.
3. In the dialog box that appears, leave the user name field empty, enter your password (default is **public**), and click **OK**.
4. In the screen that appears, click the **Setup Wizard** button to begin. If you want to configure the AP without using Setup Wizard, click **exit** and refer to the "Advanced Configuration" chapter in the *520wl User Guide*.
5. In the Setup Wizard, follow these steps:
  - Configure the System Configuration settings and click **Save and Next**.
  - Configure the AP's Basic IP address settings and click **Save and Next**.
  - Assign the AP's new passwords and click **Save and Next**.
  - Configure the basic wireless interface settings and click **Save and Next**.
  - Review the configuration summary.
  - When finished, click **Reboot** on the summary screen to apply changes.

## 6 Association Test

1. Install an 802.11a, b, or g wireless PC Card in a laptop or other computer, including the drivers and the Client Manager application.
2. Configure the card to match the network name and encryption key of the wireless interface card installed in the HP 520wl unit.
3. Verify that your Client Manager application shows association with the HP 520wl device.

## 7 Network Configuration

Refer to the Help files or "Configuring the HP 520wl device" and "Advanced Features" in the *HP 520wl User Guide* on the CD-ROM to setup:

- DHCP server
- 802.1x security settings
- RADIUS server
- Roaming capabilities, and so forth

## 8 Final Installation

Finally conduct a Site Survey to determine the best location for your HP 520wl device. A detailed Site Survey plan is available on our web site at <http://www.hp.com/go/hpprocurve> or on the CD-ROM under the **Xtras** folder.

Once you have completed these installation procedures for your HP 520wl unit, you can place the cover onto the unit as shown.

This is a Class B digital device, pursuant to Part 15 of the FCC Rules. Refer to the User Guide for Class B Information.

