Using the Configuration Menu

Status > Log



This log page displays logs of activities and events that are occuring through the DI-714P+

Status > Log Settings

| -Link ng Netiworks for People | | Ent | and the second second | I- 714P+ GHz Wireless F | Router |
|----------------------------------|----------------------------------|--|-----------------------|-----------------------------------|------------------|
| 1 | Home | Advanced | Tools | Status | Help |
| Nevice Info | IP Address of Sy E-mail Alert | ed by sending it to an ac /slog Server 192.16/ SMTP Server IP d E-mail alert to E-mail Subject | | Enable | |
| Stats Nreless | | | | 💙 🍕 Apply Ca | 3 🛟 ncel Help |

| Syslog Server- | Enter in the IP address of a syslog server within the network. |
|----------------|--|
| | Click Enable to activiate the policy. The DI-714P+ will send all |
| | of it's logs to the specified syslog server. |

E-Mail Alert- The DI-714P+ can be set up to send the log files to a specific email address.

SMTP Server IP- Enter in the IP address of the mail server.

- Send E-Mail alert to-Enter in the email address of the recipient who will receive the email log.
- **E-Mail Subject-** Enter in the email subject. Click on **Send Mail Now** to send the email log.

Using the Configuration Menu

Status > Stats

| for People | | Ent | | -714P+ GHz Wireless | Router |
|------------|--|-----------------------|-------------------|---------------------------------|-------------|
| | Home | Advanced | Tools | Status | Help |
| | Traffic Statistics Traffic Statistics di Refresh Reset | splay Receive and Tra | nsmit packets pas | ssing through the DI- | |
| | Traffic Statistics di | splay Receive and Tra | | ssing through the DI- Transr | G Help |
| | Traffic Statistics di | splay Receive and Tra | | | G Help |
| | Traffic Statistics di Refresh Reset | splay Receive and Tra | e | | Help |

This screen displays the Receive and Transmit packets passing through the DI-714P+. Click on **Refresh** for the most recent information and **Reset** to clear the counter.

Status > Wireless

| Networks for People | | Eni | | -714P+ GHz Wireless | Router |
|---------------------|---------|----------------|-------|------------------------|--------|
| 1 | Home | Advanced | Tools | Status | Help |
| 10 | Refresh | | | | |
| | Refresh | | | | C |
| evice Info | | | | | Help |
| Log | 0 | Connected Time | | MAC Address | |
| | | | | | |

This screen displays the connection time and the MAC Address of the connected wireless clients. Click on **Refresh** for the most recent information..

Using the Configuration Menu Help



This screen displays the complete **Help** menu. For help at anytime, click the **Help** tab in the Configuration menu.

Installing the Print Server Software



Installing the Print Server Software (continued)



After rebooting your computer, the software installation procedure is finished.

Configuring on Windows 98se/Me Platforms

After you finish the software installation procedure, your computer will be capable of network printing provided by the DI-714P+. For convenience, we call the printer connected to the printer port of the DI-714P+ a printer server. On a Windows 95/98 platform, open the Printers window in the My Computer menu.



| Now, you can configure the print server of | HP LaserJet 6L (PCL) Properties | ? × |
|---|---|------|
| the DI-714P+ | General Details Sharing Paper Print Quality Fonts Device Options | |
| Find out the corresponding icon of your <i>printer server</i> , for example, the HP LaserJet 6L . Right click on that icon, and then select <i>Properties.</i> | HP Lasedet BL (PCL) Comment: Separator page: [none] <u>Browse</u> | |
| The following screen appears: | Print Test Page | Hep |
| | HP Later zer on (r.s.) Properties | 2 8 |
| Click on the | Details Susing Paper Paint Quality Fonts Device Options | |
| Details tab | HP Larevier &L (PCL) | 2 |
| | A second s | 152 |
| Choose the "PRTmate: (All-in-1)" | Print to the following port | |
| from the list attached at the Print | Delete Port | 1.32 |
| <i>To</i> item. Be sure that the <i>Printer</i> | Print using the following driver HP Latestlet R, IPCL] Negy Driver. | 2.12 |
| <i>Driver</i> item is configured to the | Capture Printer Port . Epd Capture . | 233 |
| correct driver of your <i>printer server</i> . | Timeoux settings | 1-14 |
| confect unver of your primer server. | Not selected 15 seconds | 1772 |
| | Transmission pety: 05 seconds | 1.1 |
| Click Port Settings | Part Settings | |
| | DK. Cancel Apply | 145 |
| | | |



Configuring on Windows 2000/XP Platforms

| | 🐝 HP LaserJet 6L Properties 🛛 🖬 🛛 |
|--|---|
| Click Port | Ports dvanced Security Device Settings |
| | HP Lased et 6L Pink to the following port(s). Documents will prink to the first free checked port. |
| The configuration procedure for a Windows 2000/XP platform is similar to that of Windows 95/98 except the screen of printer Properties : | Port Description Ptinter COM1: Senial Port COM2: Senial Port COM3: Senial Port COM4: Senial Port COM4: Senial Port PILE: Print to File PRTmane Local Port |
| Click Configure Port | Add Port Delete Port Configure Port |
| Type in the IP address of the DI-714P+. | OK Cencel Aprily Printer Position X Enter the Product's IP: OK |
| Click OK | 192.168. 0.1 Cencel |
| (Note: Screen shots are t similar screens will appea | |

Using the Network Setup Wizard in Windows XP

In this section you will learn how to establish a network at home or work, using **Microsoft Windows XP.**

Note: Please refer to websites such as <u>http://www.homenethelp.com</u> and <u>http://www.microsoft.com/windows2000</u> for information about networking computers using Windows 2000, ME or 98.

Go to Start>Control Panel>Network Connections Select Set up a home or small office network



When this screen appears, Click Next.

Please follow all the instructions in this window:



Click Next

In the following window, select the best description of your computer. If your computer connects to the internet through a gateway/router, select the second option as shown.



Enter a Computer description and a Computer name (optional.)



Click Next

Enter a **Workgroup** name. All computers on your network should have the same **Workgroup** name.



Click Next

Please wait while the Network Setup Wizard applies the changes.

| twork Setup Wizard | |
|---|---|
| Ready to apply netwo | ork settings |
| The wizard will apply the and cannot be interrupted Settings: | following settings. This process may take a few minutes to complete d. |
| Network settings: | <u>^</u> |
| Computer description: Computer name: Workgroup name: | Mary's Computer Office Accounting |
| The Shared Documents shared. | folder and any printers connected to this computer have been |
| | _ |
| To apply these settings, o | lick Next. |
| | |
| | < <u>B</u> ack <u>N</u> ext> Cancel |

When the changes are complete, click Next.

Please wait while the **Network Setup Wizard** configures the computer. This may take a few minutes.



In the window below, select the option that fits your needs. In this example, **Create a Network Setup Disk** has been selected. You will run this disk on each of the computers on your network. Click **Next**.

| Network Setup Wizard |
|--|
| You're almost done |
| You need to run the Network Setup Wizard once on each of the computers on your network. To run the wizard on computers that are not running Windows XP, you can use the Windows XP CD or a Network Setup Disk. |
| What do you want to do? |
| ⊙ Create a Network Setup Disk |
| ◯ <u>U</u> se the Network Setup Disk I already have |
| O Use my Windows XP CD |
| OJust finish the wizard; I don't need to run the wizard on other computers |
| |
| |
| < Back Next > Cancel |

Insert a disk into the Floppy Disk Drive, in this case drive A.



| Copying | |
|---|--------|
| Please wait while the wizard copies files | D |
| (| Cancel |

Please read the information under **Here's how** in the screen below. After you complete the **Network Setup Wizard** you will use the **Network Setup Disk** to run the **Network Setup Wizard** once on each of the computers on your network. To continue click **Next**.

| Network Setup Wizard |
|--|
| To run the wizard with the Network Setup Disk |
| Complete the wizard and restart this computer. Then, use the Network Setup Disk to run the Network Setup Wizard once on each of the other computers on your network. Here's how: 1. Insert the Network Setup Disk into the next computer you want to network. 2. Open My Computer and then open the Network Setup Disk. 3. Double-click "netsetup." |
| < <u>B</u> ack Next > Cancel |

Please read the information on this screen, then click **Finish** to complete the **Network Setup Wizard**.

| Network Setup Wizard | |
|----------------------|--|
| | Completing the Network Setup Wizard |
| | You have successfully set up this computer for home or small office networking. |
| 山ろ | For help with home or small office networking, see the following topics in Help and Support Center: |
| | <u>Using the Shared Documents folder</u> Sharing files and folders |
| | To see other computers on your network, click Start, and then click My Network Places. |
| | |
| | To close this wizard, click Finish. |
| | < <u>B</u> ack Finish Cancel |

The new settings will take effect when you restart the computer. Click **Yes** to restart the computer.

| System 3 | Settings Change |
|----------|---|
| ? | You must restart your computer before the new settings will take effect. Do you want to restart your computer now? |
| | Yes No |

You have completed configuring this computer. Next, you will need to run the **Network Setup Disk** on all the other computers on your network. After running the **Network Setup Disk** on all your computers, your new wireless network will be ready to use.

Networking Basics Naming your Computer

To name your computer, please follow these directions: In Windows XP:

- Click **Start** (in the lower left corner of the screen)
- **Right-click** on **My Computer**
- Select Properties and click



- Select the Computer Name Tab in the System Properties window.
- You may enter a Computer Description if you wish; this field is optional.
- To rename the computer and join a domain, Click **Change**.

| System Restor | The second s | atic Updates | Remote |
|--|--|----------------------|--------------------------------------|
| General | Computer Name | Hardware | Advanced |
| on the n Computer <u>d</u> escripti | on: | Kitchen Computer'' (| or ''Mary's |
| full computer name | e: Office | | |
| Workgroup: | Accounting | | |
| domain and create D. | k Identification Wizard a local user account, nputer or join a domair | click Network | <u>N</u> etwork ID <u>C</u> hange |

Networking Basics Naming your Computer

| In this window, enter the Computer name | Computer Name Changes |
|--|---|
| Select Workgroup and enter the name of the Workgroup | You can change the name and the membership of this computer. Changes may affect access to network resources. |
| All computers on your network must have the same Workgroup name. | Office Full computer name: Office |
| Click OK | Member of Domain: <u>W</u> orkgroup: |
| | Accounting OK Cancel |

Checking the IP Address in Windows XP

The wireless adapter-equipped computers in your network must be in the same IP Address range (see Getting Started in this manual for a definition of IP Address Range.) To check on the IP Address of the adapter, please do the following:

| Right-click on the | Disable | |
|---|----------------------------------|-----------|
| Local Area | Status | Section 6 |
| <i>Connection icon</i> in the task bar | Repair | A BASTLE |
| | View Available Wireless Networks | |
| | Open Network Connections | |
| Click on Status | 5 | 3:05 PM |

Networking Basics Checking the IP Address in <u>Windows XP</u>

| This window will appear. | | m 7 Status 🛛 🕐 🔀 |
|--|---|---|
| Click the Support tab | General Support Internet Protocol (TCP/IP) Address Type: IP Address: Subnet Mask: Default Gateway: | Assigned by DHCP 192.168.0.114 255.255.255.0 192.168.0.1 |
| Click Close | Repair | Details |

Assigning a Static IP Address in Windows XP/2000

Note: Residential Gateways/Broadband Routers will automatically assign IP Addresses to the computers on the network, using DHCP (Dynamic Host Configuration Protocol) technology. If you are using a DHCP-capable Gateway/Router you will not need to assign Static IP Addresses.

If you are not using a DHCP capable Gateway/Router, or you need to assign a Static IP Address, please follow these instructions:

| Go to Start | Tour Windows XP | Control Panel |
|-------------------------------|---------------------------------------|---|
| Double-click on Control Panel | Files and Settings Transfer Wizard | Help and Support Search Run |
| | | Log Off 🚺 Turn Off Computer |
| | 🚑 start | 50 |

Networking Basics Assigning a Static IP Address in <u>Windows XP/2000</u>

Double-click on Network Connections



Double-click on Properties





Networking Basics Assigning a Static IP Address in <u>Windows XP/2000</u>

- Click on Internet Protocol (TCP/IP)
- Click Properties

- Input your IP address and subnet mask. (The IP Addresses on your network must be within the same range. For example, if one computer has an IP Address of 192.168.0.2, the other computers should have IP Addresses that are sequential, like 192.168.0.3 and 192.168.0.4. The subnet mask must be the same for all the computers on the network.)
- Input your DNS server addresses. (Note: If you are entering a DNS server, you must enter the IP Address of the Default Gateway.)

The DNS server information will be supplied by your ISP (Internet Service Provider.)

| 🕹 Local Area Connection 7 Properties 🛛 🕐 🔯 |
|---|
| General Advanced |
| Connect using: |
| B-Link DWL-A650 |
| |
| This connection uses the following items: |
| Client for Microsoft Networks |
| File and Printer Sharing for Microsoft Networks |
| QoS Packet Scheduler |
| The second (TCP/IP) |
| Install Uninstall Properties |
| Description |
| Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks. |
| Show icon in notification area when connected |
| |
| OK Cancel |
| |

| Internet Protocol (TCP/IP) Proper | rties ? 🔀 | | | | |
|--|---------------------|--|--|--|--|
| General | | | | | |
| You can get IP settings assigned autorr this capability. Otherwise, you need to a the appropriate IP settings. | | | | | |
| O Dbtain an IP address automaticall | , | | | | |
| O Use the following IP address: | | | | | |
| IP address: | 192.168.0.2 | | | | |
| S <u>u</u> bnet mask: | 255 . 255 . 255 . 0 | | | | |
| Default gateway: | · · · | | | | |
| Obtain DNS server address automatically | | | | | |
| O Use the following DNS server addresses: | | | | | |
| Preferred DNS server: | | | | | |
| Alternate DNS server: | · · · | | | | |
| | Advanced | | | | |
| | OK Cancel | | | | |

Networking Basics Assigning a Static IP Address with <u>Macintosh OSX</u>

- Go to the Apple Menu and select System Preferences
- Click on Network

- Select Built-in Ethernet in the Show pull-down menu
- Select Manually in the Configure pull-down menu



| | Location: Automatic | + |
|-------------------|---|-----------------------------------|
| w: Built-in Ether | net 🗦 | |
| | ✓ Manually | oxies |
| Configure | Manuany using DHCF Using DHCP Using BootP | Router |
| IP Address: | (Provided by DHCP Server) | |
| Subnet Mask: | 255.255.255.0 | |
| Router: | 192.168.0.1 | Search Domains (Optional) |
| DHCP Client ID: | (Optional) | |
| Ethernet Address: | | Example: apple.com, earthlink.net |

Network

Input the Static IP Address, the Subnet Mask and the Router IP Address in the appropriate fields

Displays Sound Network Startup Disk Show All Location: Automatic \$ Show: Built-in Ethernet \$ TCP/IP PPPoE AppleTalk Proxies Configure: Manually \$ Domain Name Servers (Optional) IP Address: 192.168.0.2 Subnet Mask: 255.255.255.0 Search Domains (Optional) Router: 192.168.0.1 Example: apple.com, earthlink.net Ethernet Address: 00:09:93:75:de:5a Apply Now Click the lock to prevent further changes.

000

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Networking Basics Selecting a Dynamic IP Address with <u>Macintosh OSX</u>

- Go to the Apple Menu and select System Preferences
 - Click on Network



- Select Built-in Ethernet in the Show pull-down menu
- Select Using DHCP in the Configure pull-down menu

| Location | Automatic | + | |
|-------------------------------|-------------------|------------------------|---------------|
| w: Built-in Ethernet | • | | |
| Manuall | y v using DHCP | Router | |
| Configure 🗸 Using D | | | |
| Using B | DOTP | Domain Name Serve | rs (Optional) |
| | y DHCP Server) | | |
| Subnet Mask: 255.255. | 255.0 | | |
| Router: 192.168.0 | .1 | Search Domains | (Optional) |
| DHCP Client ID: (Optional) | | | |
| Ethernet Address: | | Example: apple.com, ea | rthlink.net |

- Click Apply Now
- The IP Address, Subnet mask, and the Router's IP Address will appear in a few seconds

| 00 | Networ | k C |
|----------|--|-----------------------------------|
| Show All | Displays Sound Network Startup Disk | |
| | Location: Automatic | * |
| Show: | Built-in Ethernet | |
| | TCP/IP PPPoE App | leTalk Proxies |
| | Configure: Using DHCP | • |
| | | Domain Name Servers (Optional) |
| | IP Address: 192.168.0.160 (Provided by DHCP Server) | |
| | Subnet Mask: 255.255.255.0 | |
| | Router: 192.168.0.1 | Search Domains (Optional) |
| C | DHCP Client ID: | |
| Eth | (Optional) ernet Address: 00:06:96:79:de:5a | Example: apple.com, earthlink.net |
| | | |
| (i) c | lick the lock to prevent further changes. | Apply Now |

Networking Basics Checking the Wireless Connection by <u>Pinging in Windows XP and</u> <u>2000</u>

Go to Start > Run > type **cmd**. A window similar to this one will appear. Type ping XXX.XXX.XXX.XXX. where xxx is the IP Address of the Wireless Router or Access Point, A good wireless connection will show four replies from the Wireless Router or Acess Point. as shown.

Checking the Wireless Connection by <u>Pinging in Windows Me and</u> <u>98</u>

Go to Start > Run > type command. A window similar to this will appear. Type **ping** XXX.XXX.XXX.XXX where **xxx** is the **IP** Address of the Wireless Router or Access Point. A aood wireless connection will show four replies from the wireless router or access point, as shown.



Networking Basics Adding and Sharing Printers in <u>Windows XP</u>

After you have run the **Network Setup Wizard** on all the computers in your network (please see the **Network Setup Wizard** section at the beginning of **Networking Basics**,) you can use the **Add Printer Wizard** to add or share a printer on your network.

Whether you want to add a **local printer** (a printer connected directly to one computer,) share an **LPR printer** (a printer connected to a print server) or share a **network printer** (a printer connected to your network through a Gateway/Router,) use the **Add Printer Wizard**. Please follow the directions below:

First, make sure that you have run the <u>Network Setup Wizard</u> on all of the computers on your network.

On the following pages, we will show you these 3 ways to use the Add Printer Wizard:

- 1. Adding a local printer
- 2. Sharing an network printer
- 3. Sharing an LPR printer

(Other Networking Tasks)

For help with other tasks, that we have not covered here, in home or small office networking, see **Using the Shared Documents** folder and **Sharing files and folders** in the **Help and Support Center** in Microsoft **Windows XP**.

Networking Basics Adding a local printer (a printer connected directly to a computer)

A printer that is not shared on the network and is connected directly to one computer is called a **local printer**. If you do not need to share your printer on a network, follow these directions to add the printer to one computer.



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