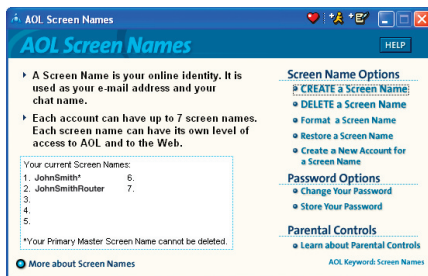# Using your Router with AOL Broadband

11. The "AOL Screen Names" window appears. This window will include all the accounts you have created to this point.


12. Repeat steps 1-11 for each computer that will be using AOL and that will be connected to your Belkin Router. When you are finished adding screen names, go to Step 2.

Step 2	Configure your computers with the new AOL screen names you just created

This step consists of installing the AOL software on each computer and configuring it to use one of the screen names you created in Step 1. Remember that each computer MUST use a different screen name. For help installing and configuring the AOL software, contact AOL's technical support department.

Network Configuration

119
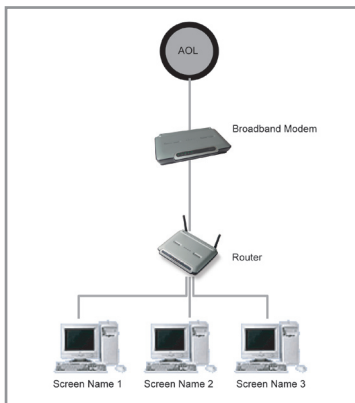
Troubleshooting

Problem:

Installation CD does not automatically start

Solution:

If the CD-ROM does not start the Easy Install Wizard automatically, it could be that the computer is running other applications that are interfering with the CD drive.
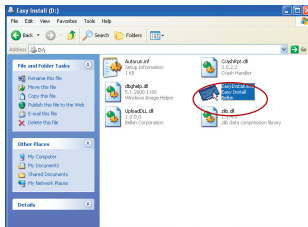
1. If the Easy Install Wizard screen does not appear within 15-20 seconds, open up your CD-ROM drive by double clicking on the "My Computer" icon that is located on your desktop.

2. Next, double-click on the CD-ROM drive that the Easy Installation CD has been placed in to start the installation.
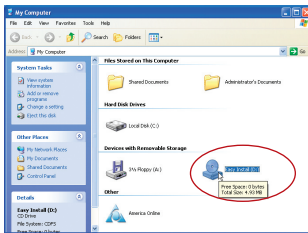
3. Easy Install should start within a few seconds If, instead, a window appears showing the files on the CD, double-click on the icon labeled "EasyInstall.exe".

4. If the Easy Install Wizard is still does not start, reference the section titled "Manually Configuring Network Settings" (page 89 of this manual for alternative setup method).

Troubleshooting

Problem:

Easy Install cannot find my Router

Solution:

If the Easy Install Wizard is not able to find the Router during the installation process please check the following items:

1. If the Easy Install Wizard is not able to find the Router during the installation process, there may be 3rd party firewall software installed on the computer attempting to access the Internet. Examples of third party firewall software are ZoneAlarm, BlackICE PC Protection, McAfee Personal Firewall, and Norton Personal Firewall.

   If you do have firewall software installed on your computer, please make sure that you properly configure it. You can determine if the firewall software is preventing Internet access by temporarily turning it off. If, while the firewall is disabled, Internet access works properly, you will need to change the firewall settings to function properly when it is turned on.

   Please refer to the instructions provided by the publisher of your firewall software for instructions on configuring the firewall to allow Internet access.

2. Unplug power to the Router for 10 seconds, and then plug the power back into the router. Ensure that the router's Power light is on; it should be solid green. If not, check to make sure that the AC adapter is connected to the router and plugged into a wall outlet.

3. Ensure that you have a cable (use the cable included with the router) connected between (1) the network (Ethernet) port on the back of the computer and (2) one of the LAN ports, labeled "1" through "4", on the back of the router.

   Note: the computer should NOT be connected to the port labeled "Internet/WAN" on the back of the router.

4. Try shutting down and restarting your computer, then re-running the Easy Install.

   If the Easy Install Wizard is still unable to find the Router, reference the section titled "Manually Configuring Network Settings" for installation steps.

Troubleshooting

Problem:

Easy Install cannot connect my Router to the Internet

Solution:

If the Easy Install Wizard is not able to connect the Router to the Internet, please check the following items:

1. Use the troubleshooting suggestions within the Easy Install Wizard. If the troubleshooting screen does not open automatically, click on the "Troubleshoot" button in the lower right-hand corner of the Easy Install Wizard window.

2. If your ISP requires a user name and password, make sure that you have typed in your user name and password correctly. Some user names require that the ISP's domain may be at the end of the name. Example: "myname@myisp.com". The "@myisp.com" part of the user name may need to be typed as well as your user name.

   If you continue to have no Internet connection, reference the section titled "Manually Configuring Network Settings" (page 89 of this manual for alternative setup method).

Problem:

ˆ• The Easy Install Wizard completed installation, but my web browser doesn't work

• I am unable to connect to the Internet. The Routers "WAN" light on my Router is off, and the "Connected" light is blinking

Solution:

If you cannot connect to the Internet, and the "WAN" light is off, and the "Connected" light is blinking, the problem may be that your modem and router are not connected properly.

1. Make sure the network cable between the modem and the Router is connected. We strongly recommend using the cable that was supplied with your Cable or DSL modem for this purpose. The cable should be connected at one end to the Router's "Internet/WAN" port, and at the other end to the network port on your modem.

Troubleshooting

2. Unplug the Cable or DSL modem from its power source for 3 minutes. After 3 minutes plug the modem back into its power source. This may force the modem to properly recognize the router.

3. Unplug the power to your Router, wait 10 seconds, and then reconnect the power. This will cause the router to re-attempt communication with the modem.

If the "WAN" light on the Router is not lit after completing these steps, please contact Belkin Technical Support.

4. Try shutting down and restarting your computer.

Problem:

• The Easy Install Wizard completed installation, but my web browser doesn't work

• I am unable to connect to the Internet. The Routers "WAN" light on my Router is on, and the "Connected" light is blinking

Solution:

If you cannot connect to the Internet, the "WAN" light is on, and the "Connected" light is blinking, the problem may be that your connection type may not match the ISP's connection.

• If you have a "static IP address" connection, your ISP must assign you the IP address, subnet mask, and gateway address. Please refer to the section entitled "Alternate Setup Method" for details on changing this setting.

• If you have a "PPPoE" connection, your ISP will assign you a user name and password and sometimes a service name. Make sure the Router connection type is configured to PPPoE and the settings are entered properly. Please refer to your Router's User Guide section entitled "Alternate Setup Method" for details on changing this setting.

- You may need to configure your Router to meet the specific requirements of your ISP. To search our Knowledge Base for ISP-specific issues, go to: http://web.belkin.com/support and type in "ISP"

If you are still unable to access the Internet after verifying these settings, please contact Belkin Technical Support.

Problem:

- The Easy Install Wizard completed, but my web browser doesn't work
- I am unable to connect to the Internet. The "WAN" light on my router is blinking, and the "Connected" light is solid

Solution:

If the "WAN" light is blinking, and the "Connected" light is solid, but you are unable to access the Internet, there may be 3rd party firewall software installed on the computer attempting to access the Internet. Examples of third party firewall software are ZoneAlarm, BlackICE PC Protection, McAfee Personal Firewall, and Norton Personal Firewall.

If you do have firewall software installed on your computer, please make sure that you properly configure it. You can determine if the firewall software is preventing Internet access by temporarily turning it off. If, while the firewall is disabled, Internet access works properly, you will need to change the firewall settings to function properly when it is turned on.

Please refer to the instructions provided by the publisher of your firewall software for instructions on configuring the firewall to allow Internet access.

If you are still unable to access the Internet after disabling any Firewall software, please contact Belkin Technical Support.

Troubleshooting

Problem:

I can't connect to the Internet wirelessly

Solution:

If you are unable to connect to the Internet from a wireless computer, please check the following items:

1. Look at the lights on your Router. If you're using a Belkin Router, the lights should be as follows:

   • The "Power" light should be on.

   • The "Connected" light should be on, and not blinking.

   • The "WAN" light should be either on or blinking.

2. Open your wireless utility software by clicking on the icon in the system tray at the bottom right-hand corner of the screen. If you're using a Belkin wireless card, the tray icon should look like this (the icon may be red or green):

3. The exact window that opens will vary depending on the model of wireless card you have; however, any of the utilities should have a list of "Available Networks" – those wireless networks it can connect to.

Does the name of your wireless network appear in the results?

Yes, my network name is listed – go to the troubleshooting solution titled " I can't connect to the Internet wirelessly, but my network name is listed"

No, my network name is not listed - go to the troubleshooting solution titled " I can't connect to the Internet wirelessly, and my network name is not listed"

Troubleshooting

I can't connect to the Internet wirelessly, but my network name is listed

Solution:

If the name of your network is listed in the "Available Networks" list, please follow the steps below to connect wirelessly:

1. Click on the correct network name in the "Available Networks" list.

2. If the network has security (encryption) enabled, you will need to enter the network key. For more information regarding security, see the page entitled: Setting up wireless security

3. Within a few seconds, the tray icon in the lower left-hand corner of your screen should turn green, indication a successful connection to the network.

Problem:

I can't connect to the Internet wirelessly, and my network name is not listed

Solution

If the correct network name is not listed under "Available Networks" in the wireless utility, please attempt the following troubleshooting steps:

1. Temporarily move computer, if possible, five to ten feet from the Router. Close the wireless utility, and re-open it. If the correct network name now appears under "Available Networks", you may have a range or interference problem. Please see the suggestions discussed in the section titled "Placement of your Wireless Networking Hardware" of this user manual.

Troubleshooting

2. Using a computer that is connected to the Router via a network cable (as opposed to wirelessly), ensure that "Broadcast SSID" is enabled. This setting is found on the Router's wireless "Channel and SSID" configuration page.

If you are still unable to access the Internet after completing these steps, please contact Belkin Technical Support.

Problem:

My wireless network performance is inconsistent

Data transfer is sometimes slow

Signal strength is poor

Difficulty establishing and/or maintaining a Virtual Private Network (VPN) connection

Solution:

Wireless Technology is radio-based, which means connectivity and the throughput performance between devices decreases when the distance between devices increases. Other factors that will cause signal degradation (metal is generally the worst culprit) are obstructions such as walls and metal appliances. As a result, the typical indoor range of your wireless devices will be between 100 to 200 feet. Note also that connection speed may decrease as you move further from the Router or Access Point.

In order to determine if wireless issues are related to range, we suggest temporarily moving the computer, if possible, five to ten feet from the router.

Changing the wireless channel - Depending on local wireless traffic and interference, switching the wireless channel of your network can improve performance and reliability. The default channel the router is shipped with is channel 11, you may choose from several other channels depending on your region; see page 47 - "changing the wireless channel" for instructions on how to choose other channels.

Limiting the wireless transmit rate - Limiting the wireless transmit rate can help improve the maximum wireless range, and connection stability. Most wireless cards have the ability to limit the transmission rate. To change this property, go to the Windows Control Panel, open the Network Connections and double-click on

your wireless card's connection. In the properties dialog, select the configure button on the General tab (Windows 98 users will have to select the wireless card in the list box and then click properties), then choose the advanced tab and select the Rate property. Wireless client cards are usually set to automatically adjust the wireless transmit rate for you, but doing so can cause periodic disconnects when the wireless signal is too weak; as a rule, slower transmission rates are more stable. Experiment with different connection rates until you find the best one for your environment; note that all available transmission rates should be acceptable for browsing the Internet. For more assistance, see your wireless card's user manual.

Problem:

How do I extend the range of my wireless network

Solution:

Belkin recommends using one of the following products to extend wireless network coverage throughout large homes or offices:

• Wireless Access Point: A wireless access point can effectively double the coverage area of your wireless network. An Access Point is typically placed in the area not currently covered by your wireless router, and connected to the router using either an Ethernet cable, or through your home's power lines using two Powerline Ethernet Adapters.

• For 802.11g (54g) wireless networks, Belkin offers a Wireless Range Extender/Access Point that can be connected wirelessly to a Belkin 802.11g Wireless Router, without requiring an Ethernet cable or Powerline Ethernet Adapters.

These Belkin products are available at your local retailer, or can be ordered from Belkin directly.

For network/range extension information, please visit: www.belkin.com/networking to find out more about:

802.11g Wireless Range Extender/Access Point (F5D7130)

Powerline Ethernet Adapter (F5D4070)

Powerline USB Adapter (F5D4050)

Troubleshooting

Problem:

I am having difficulty setting up Wired Equivalent Privacy (WEP) security on a Belkin Router or Belkin Access Point

Solution

1. Log into your Wireless Router or Access Point.

    Open your web browser and type in IP address of the Wireless Router or Access Point. (The Router default is 192.168.2.1, the 802.11g Access Point is 192.168.2.254). Log into your router by clicking on the "Login" button in the top right-hand corner of the screen. You will be asked to enter your password. If you never set a password, leave the password field blank and click "Submit".

    Click the "Wireless" tab on the left of your screen. Select the "Encryption" or "Security" tab to get to the security settings page.

2. Select "128-bit WEP" from the drop-down menu.

3. After selecting your WEP encryption mode, you can type in your hex WEP key manually, or you can type in a passphrase in the "Passphrase" field and click "Generate" to create a WEP key from the passphrase. Click "Apply Changes" to finish. You must now set all of your clients to match these settings. A hex (hexadecimal) key is a mixture of numbers and letters from A-F and 0-9. For 128-bit WEP, you need to enter 26 hex keys.

    For example:

    C3030FAF4BB2C3D44BC3D4E7E4 = 128-bit key

4. Click "Apply Changes" to finish. Encryption in the Wireless Router is now set. Each of your computers on your wireless network will now need to be configured with the same security settings.

Troubleshooting

WARNING: If you are configuring the Wireless Router or Access Point from a computer with a wireless client, you will need to ensure that security is turned on for this wireless client. If this is not done, you will lose your wireless connection.

Note to Mac users: Original Apple Airport® products support 64-bit encryption only. Apple Airport 2 products can support 64-bit or 128-bit encryption. Please check your Apple Airport product to see which version you are using. If you cannot configure your network with 128-bit encryption, try 64-bit encryption.

Problem:

I am having difficulty setting up Wired Equivalent Privacy (WEP) security on a Belkin client card

Solution:

The client card must use the same key as the Wireless Router or Access Point. For instance, if your Wireless Router or Access Point uses the key 00112233445566778899AABBCC, then the client card must be set to the exact same key.

1. Double-click the Signal Indicator icon to bring up the Wireless Network screen. The Advanced button will allow you to view and configure more options of your card.

2. The "Advanced" button will allow you to view and configure more options of the card.

3. Once the advanced button is clicked the Belkin Wireless LAN Utility will appear. This Utility will allow you to manage all the advanced features of the Belkin wireless card.

4. Under the "Wireless Network Properties" tab, select a network name from the "Available networks" list and click the "Properties" button

5. Under "Data Encryption" select "WEP"

6. Ensure the check box "The key is provided for me automatically" at the bottom is unchecked. If you are using this computer to connect to a corporate network, please consult your network administrator if this box needs to be checked.

7. Type you WEP key in the "Network key' box.

Troubleshooting

Important: A WEP key is a mixture of numbers and letters from A-F and 0-9. For 128-bit WEP, you need to enter 26 keys. This Network key needs to match the key you assign to your Wireless Router or Access Point.

For example:
C3030FAF4BB2C3D44BC3D4E7E4 = 128-bit key

8. Click "OK", and then "Apply" to save the settings.

For non-Belkin wireless client cards please consult the manufacturer for that wireless client card's user manual

Problem:

Do Belkin products support WPA?

Solution

Note: To use WPA security, all your clients must be upgraded to drivers and software that support it. At the time of this FAQ publication, a security patch download is available, for free, from Microsoft. This patch works only with the Windows XP operating system.

Download the patch here:

http://www.microsoft.com/downloads/details.aspx?FamilyID=009d8 425-ce2b-47a4-abec-274845dc9e91&displaylang=en

You also need to download the latest driver for your Belkin Wireless 802.11g Desktop or Notebook Network Card from the Belkin support site. Other operating systems are not supported at this time. Microsoft's patch only supports devices with WPA-enabled drivers such as Belkin 802.11g products

Download the latest driver at http://web.belkin.com/support for the following products:

F5D7000, F5D7001, F5D7010, F5D7011, F5D7230-4, F5D7231-4, F5D7130, F5D7231-4P, F5D7235-4

Troubleshooting

I am having difficulty setting up Wi-Fi Protected Access (WPA) security on a Belkin Wireless Router or Belkin Access Point for a home network.

1. From the "Security Mode" drop-down menu, select "WPA-PSK (no server)".

2. For Encryption Technique, select "TKIP" or "AES". This setting will have to be identical on the clients that you set up.

3. Enter your pre-shared key. This can be from 8 to 63 characters and can be letters, numbers, or symbols or spaces. This same key must be used on all of the clients that you set up. For example, your PSK might be something like: "Smith family network key".

4. Click "Apply Changes" to finish. You must now set all clients to match these settings.

Troubleshooting

Problem:

I am having difficulty setting up Wi-Fi Protected Access (WPA) security on a Belkin Wireless Router or Belkin Access Point for a business.

Solution:

If your network uses a radius server to distribute keys to the clients, use this setting. This is typically used in a business environment.

1. From the "Security Mode" drop-down menu, select "WPA (with server)"

2. For Encryption Technique, select "TKIP" or "AES". This setting will have to be identical on the clients that you set up.

3. Enter the IP address of the radius server into the "Radius Server" fields.

4. Enter the radius key into the "Radius Key" field

5. Enter the key interval. Key interval is how often the keys are distributed (in packets).

6. Click "Apply Changes" to finish. You must now set all clients to match these settings.

Troubleshooting

I am having difficulty setting up Wi-Fi Protected Access (WPA) security on a wireless Belkin client card for a home network.

Clients must use the same key that the Wireless Router or Access Point uses. For instance if the key is "Smith Family Network Key" in the Wireless Router or Access point, the clients must also use that same key.

Double-click the Signal Indicator icon to bring up the Wireless Network screen. The Advanced button will allow you to view and configure more options of your card.

The "Advanced" button will allow you to view and configure more options of the card.

Once the advanced button is clicked the Belkin Wireless LAN Utility will appear. This Utility will allow you to manage all the advanced features of the Belkin wireless card.

Under the "Wireless Network Properties" tab, select a network name from the "Available networks" list and click the "Properties" button

Under "Network Authentication" select "WPA-PSK (no server)

Type your WPA key in the "Network key" box

Important: WPA-PSK is a mixture of numbers and letters from A-Z and 0-9. For WPA-PSK you can enter 8 to 63 characters. This Network key needs to match the key you assign to your Wireless Router or Access Point.

Click "OK, then "Apply" to save the settings

Troubleshooting

Problem:

I am having difficulty setting up Wi-Fi Protected Access (WPA) security on a Belkin wireless client card for a business.

Solution:

Double-click the Signal Indicator icon to bring up the Wireless Network screen. The Advanced button will allow you to view and configure more options of your card.

The "Advanced" button will allow you to view and configure more options of the card.

Once the advanced button is clicked the Belkin Wireless LAN Utility will appear. This Utility will allow you to manage all the advanced features of the Belkin wireless card.

Under the "Wireless Network Properties" tab, select a network name from the "Available networks" list and click the "Properties" button

Under "Network Authentication" select WPA

In the " Authentication" tab, select the settings that are indicated by your network administrator.

Click "OK, then "Apply" to save the settings

Troubleshooting

I am having difficulty setting up Wi-Fi Protected Access (WPA) security on a non-Belkin client card for a home network.

For non-Belkin WPA Wireless Desktop and Wireless Notebook Network Cards that are not equipped with WPA-enabled software, a file from Microsoft called "Windows XP Support Patch for Wireless Protected Access" is available for free download:

www.microsoft.com/downloads/details.aspx?FamilyID=009d8425-ce2b-47a4-abcc-2748dc9e91diplaylang=en

Note: The file that Microsoft has made available works only with Windows XP. Other operating systems are not supported at this time. You also need to ensure that the wireless card manufacturer supports WPA and that you have downloaded and installed the latest driver from their support site.

Supported Operating Systems:

• Windows XP Professional

• Windows XP Home Edition

Enabling WPA-PSK (no server)

1. Under Windows XP, click "Start > Control Panel > Network Connections".

2. Right-click on "Wireless Networks" tab will display the following screen. Ensure the "Use Windows to configure my wireless network settings" check box is checked.

3. Under the Wireless Networks tab, click the "Configure" button, and you will see the following screen.

4. For a home or small business user, select "WPA-PSK" under "Network Administration".

   Note: Select WPA (with radius server) if you are using this computer to connect to a corporate network that supports an authentication server such as a radius server, please consult your network administrator for further information.

Troubleshooting

5. Select "TKIP" or "AES" under "Date Encryption". This setting will have to be identical to the Wireless Router or Access Point that you set up.

6. Type in your encryption key in the "Network Key" box.

Important: Enter your Pre-Shared key. This can be from 8 to 63 characters and can be letters, numbers, or symbols. This same key must be used on all of the clients that you set up.

7. Click "OK" to apply settings.

Problem:

I can't print from one of the computers on my network. What do I do?

Solution:

For the PC to be able to print to the networked printer (printer on the print server), the printer's software and drivers must be installed on the PC. Every manufacturer ships its printer with a driver and, usually, printing software. Be sure that you have installed the printer drivers and software on each PC from which you plan to print. In some cases, while installing the drivers and software for your printer, you may be required to connect the PC directly to the printer in order to complete the installation. This varies according to manufacturer.

Problem:

I keep getting the error message, "Cannot find the Router" when running the Print Server Wizard. What do I do?

Solution:

If the Print Server Wizard is not able to find the Print Server in the Router, this means the computer does not have a valid connection to the Router. The most common causes of this issue are:

1. Wired computers (those not connected wirelessly): Check the cable between the computer and the Router. Make sure the light on the front of the Router that corresponds with the port on the back of the Router is lit. (If the computer is plugged into port 4, make sure the light for port 4 is lit).

2.   **Both wired and wireless computers:** Make sure that the
      network card's TCP/IP settings are set to obtain an IP address
      automatically. See the Router's manual for tips on checking
      and changing your settings. If the IP address assigned to the
      computer's network card are different than the Router's settings,
      this will cause a problem.

3.   **Wireless Computers:** Be sure that the wireless computer is
      connected to your network. Your network has a network name
      (also called SSID). The default name of the Belkin Router is
      "belkin54g". It may be possible that there are multiple wireless
      networks in your area. To confirm that you are connected to
      your own network, and not a neighboring one, use your wireless
      networking utility to scan for wireless networks. If more than one
      network is found, choose your network from the list and connect
      to it.

4.   **Wireless Computers:** If you are using wireless security such as
      WEP encryption, WPA security, or MAC address filtering, make
      sure that your computer is configured for the correct security
      settings. If you are using MAC address filtering on the Router,
      make sure that the computer's MAC address is entered in the
      "Allow List".

What's the difference between 802.11b, 802.11g and 802.11a?

Currently there are three levels of wireless networking standards,
which transmit data at very different maximum speeds. Each is based
on the designation 802.11x, so named by the IEEE, the board that is
responsible for certifying networking standards. The most common
wireless networking standard, 802.11b, transmits information at
11Mbps; 802.11a and 802.11g work at 54Mbps. See the following
chart for more detailed information.

Troubleshooting

Wireless Comparison

Wireless Technology	802.11b	802.11g	802.11a
Speed	11Mbps	54Mbps	54Mbps
Frequency	Common household devices such as cordless phones and microwave ovens. May interfere with the 2.4GHz unlicensed band	Common household devices such as cordless phones and microwave ovens. May interfere with the 2.4GHz unlicensed band	5GHz - uncrowded band
Compatibility	Compatible with 802.11g	Compatible with 802.11b	Incompatible with 802.11b or 802.11g
Range	Depends on interference - typically 50-300 ft. indoors	Depends on interference - typically 50–300 ft. indoors	Less interference - range is typically 50-100 feet
Adoption	Mature - widely adopted	Expected to continue to grow in popularity	Slow adoption for consumers - more popular in business
Price	Inexpensive	More expensive	Most expensive

Technical Support

You can find technical support information at **http://www.belkin.com/ networking** or **www.belkin.com** through the tech support area. If you want to contact technical support by phone, please call:

US: **877-736-5771 or
                 310-898-1100 ext.2263**

Europe: **00 800 223 55 460**

Australia: **1800 666 040**

USB Print Server FAQs

Q: Does the print server work with Mac OS?

A: No. Printing is only supported for Windows 98SE, Me, 2000, and XP.

Q: What printers work with the Router's print server functionality?

A: For the latest printer compatibility list, check http://web.belkin.com/ support/printserver/list.asp

Q: Does the Print Server support multifunction printers (i.e., those that fax, copy, and scan)?

A: While it may be possible to print to your multifunction printer using the Print Server, the scanning functions, as well as any other bidirectional functions, will not work.

Q: Will I still be able to get messages from the printer such as low paper, low toner, etc., when using the Print Server?

A: No. The print server is not bidirectional. Messages from the printer cannot be displayed on the PC.

Q: Why do I have to install the printer's drivers and software on my PC first?

A: For the PC to be able to print to the networked printer (printer on the print server), the printer's software and drivers must be installed on the PC. Every manufacturer ships its printer with a driver and, usually, printing software. Be sure that you have installed the printer drivers and software on each PC from which you plan to print. In some cases, while installing the drivers and software for your printer, you may be required to connect the PC directly to the printer in order to complete the installation. This varies according to manufacturer.

Information

FCC Statement

DECLARATION OF CONFORMITY WITH FCC RULES FOR ELECTROMAGNETIC COMPATIBILITY

We, Belkin Corporation, of 501 West Walnut Street, Compton, CA 90220, declare under our sole responsibility that the product,

F5D7231-4P

to which this declaration relates, 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.

Caution: Exposure to Radio Frequency Radiation.
The radiated output power of this device is far below the FCC radio frequency exposure limits. Nevertheless, the device shall be used in such manner that the potential for human contact during normal operation is minimized.

When connecting an external antenna to the device, the antenna shall be placed in such a manner to minimize the potential for human contact during normal operation. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.

Federal Communications Commission Notice
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. If not installed and used in accordance with the instructions, it may 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 and correct the interference by one or more of the following measures:

Information

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and the receiver.
- Connect the equipment to 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.

Modifications
The FCC requires the user to be notified that any changes or modifications to this device that are not expressly approved by Belkin Corporation may void the users authority to operate the equipment.

"Belkin declare that F5D7231-4P is limited in CH1~CH11 by specified firmware controlled in USA."

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

INFORMATION TO USER:

The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Information

Canada-Industry Canada (IC)

The wireless radio of this device complies with RSS 139 & RSS 210 Industry Canada. This Class B digital complies with Canadian ICES-003.
Cet appareil numérique de la classe B conforme á la norme NMB-003 du Canada.

IC Statement
To prevent radio interference to the licenced 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

"This device has been designed to operate with an antenna having a maximum gain of 1 dB. Antenna having a higher gain is strictly prohibited per regulations of Industry Canada. The required antenna impedance is 50 ohms."

Europe-European Union Notice
Radio products with the CE 0682 or CE alert marking comply with the R&TTE Directive (1995/5/EC) issued by the Commission of the European Community.

CE 0682 ①
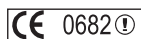
Compliance with this directive implies conformity to the following European Norms (in brackets are the equivalent international standards).
- EN 60950 (IEC60950) – Product Safety
- EN 300 328 Technical requirement for radio equipment
- ETS 300 826 General EMC requirements for radio equipment.

CE ①

To determine the type of transmitter, check the identification label on your Belkin product.

Products with the CE marking comply with the EMC Directive (89/336/EEC) and the Low Voltage Directive (72/23/EEC) issued by the Commission of the European Community. Compliance with these directives implies conformity to the following European Norms (in brackets are the equivalent international standards).
- EN 55022 (CISPR 22) – Electromagnetic Interference
- EN 55024 (IEC61000-4-2,3,4,5,6,8,11) – Electromagnetic Immunity
- EN 61000-3-2 (IEC610000-3-2) – Power Line Harmonics
- EN 61000-3-3 (IEC610000) – Power Line Flicker
- EN 60950 (IEC60950) – Product Safety

CE

Products that contain the radio transmitter are labeled with CE 0682 or CE alert marking and may also carry the CE logo.

Information

Belkin Corporation Limited Lifetime Product Warranty

Belkin Corporation warrants this product against defects in materials and workmanship for its lifetime. If a defect is discovered, Belkin will, at its option, repair or replace the product at no charge provided it is returned during the warranty period, with transportation charges prepaid, to the authorized Belkin dealer from whom you purchased the product. Proof of purchase may be required.

This warranty does not apply if the product has been damaged by accident, abuse, misuse, or misapplication; if the product has been modified without the written permission of Belkin; or if any Belkin serial number has been removed or defaced.

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Some states do not allow the exclusion or limitation of incidental or consequential damages or exclusions of implied warranties, so the above limitations of exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

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section

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