

Broadband Router Quick Installation Guide

Package Contents:

- Broadband Router
- Quick Installation Guide
- one (1) Ethernet cable
- 7.5VDC power supply



Front View

LEDS	Color - Action	Function
PWR	Green - Lighted	Receiving power
STATUS	Orange - Lighted	System failure
	Orange - Blinking	Router is powering up or firmware is being upgraded
WAN	Green - Lighted	100 Mbps WAN link is achieved
	Green - Blinking	Sending or receiving WAN data at 100 Mbps
	Orange - Lighted	10 Mbps WAN link is achieved
10/100 LINK/ACT 1-4	Orange - Blinking	Sending or receiving WAN data at 10 Mbps
	Green - Lighted	100 Mbps LAN link is achieved
	Green - Blinking	Sending or receiving LAN data at 100 Mbps
	Orange - Lighted	10 Mbps LAN link is achieved
	Orange - Blinking	Sending or receiving LAN data at 10 Mbps



Rear View

Port	Function
Reset	To reboot the Broadband Router, press in and release the Reset button. To reset the Broadband Router to the factory default settings, press in and hold the Reset button for five seconds.
LAN ports 1-4	To connect devices to the Local Area Network
WAN	RJ-45 port to connect the router to a broadband modem or to an existing WAN
7.5VDC	Power supply connection port

The U.S. Robotics Broadband Router can be easily connected to any Ethernet-based cable modem or DSL modem. You can verify compatibility by checking to see if your cable or DSL modem is connected to the network adapter in your computer using an Ethernet cable.

Connecting the Broadband Router



Note: For the most updated information, visit: <http://www.usr.com/support>

Prepare for installation



Note: Your model number is 8003. It is very important that you have your serial number written down before you install the Broadband Router. You can find your serial number on the bottom label of the Broadband Router and on the side of the package. If you ever need to call our Technical Support department, you will need this number to receive assistance.

Product Number	Serial Number
USR8003	



Note: During the Installation procedure, you may be prompted for your Windows Operating System CD-ROM. Make sure you have that available in case you need it.

1 Connect your modem to the Broadband Router

- Turn off your computer and your cable or DSL modem.
- Locate the Cat-5 Ethernet cable that connects your cable or DSL modem to your computer's Ethernet adapter.
- Disconnect that Cat-5 Ethernet cable from your computer's Ethernet adapter, and connect it to the WAN port on the rear of the Broadband Router.



Note: If your cable or DSL modem can use both a USB and an Ethernet connection, you must use the Ethernet connection with the Broadband Router. The Broadband Router can only be connected using an Ethernet cable.

2 Connect your Broadband Router to your computer and power supply



Connect one end of the included Ethernet cable to your computer's Ethernet adapter. Connect the other end to one of the LAN ports on the Broadband Router.



Turn on your cable or DSL modem. Connect the included power cord to the power jack on the Broadband Router. Plug the power cord into a standard power outlet. Turn on your computer.

3 Configure the basic connection settings



Note for Windows Me and XP users: Universal Plug and Play may launch during the configuration step.

Launch a Web browser. In the location or address line of your Web browser, type <http://192.168.123.254> to access the Configuration Utility. There is no default password for the Broadband Router, so just click Login. Click Primary Setup. Change, and then select your WAN type. Depending on your WAN type, you may need to supply some connection information. When you are finished, click Save.



Note: Refer to the "Configuring the Broadband Router" section in the User Guide at www.usr.com for more detailed configuration information. Contact your ISP if you have any questions about your WAN type or your connection information.

Congratulations! The installation procedure is now complete.

You should now have secure and shared Internet access. To verify your connection, launch a Web browser and register your product at www.usr.com/productreg. If the page loads, you are finished with the installation procedure. If the page does not load, proceed to the Troubleshooting section on the back of this guide.

For troubleshooting, technical support, and regulatory information, refer to the other side of this guide. For additional troubleshooting information, refer to the User Guide at www.usr.com

Troubleshooting

I can't connect to the Configuration Utility of the Broadband Router.

Possible Solution:

Make sure all the Ethernet cables are properly and securely connected and the power cord is plugged in.

Possible Solution:

Go to the User Guide at www.usr.com and perform all the steps in the "Before You Begin" section. If you have a Static IP address for your computer and have selected the Obtain an IP address automatically option, you will not be able to connect to the Broadband Router.

Possible Solution:

Make sure that your computer is using an IP address that is within the default range of 192.168.123.xxx. Make sure the address of the subnet mask is 255.255.255.0. If necessary, the Default Gateway should be 192.168.123.254. To verify all these settings, perform the following steps:

Windows 95, 98, or Me Users:

Click Windows Start and then Run. Type winipcfg and click OK. Check the IP Address, Subnet Mask, Default Gateway, and DNS server data to make sure they are correct. If the information is not correct, click Release All and then click Renew All.

Windows NT, 2000, or XP Users:

Click Windows Start and then Run. Type cmd and click OK. At the DOS prompt, type ipconfig /all. Check the IP Address, Subnet Mask, Default Gateway, and DNS server data to make sure they are correct. If the information is not correct, type ipconfig /release and press ENTER. Then, type ipconfig /renew and press ENTER.

If you are still unable to connect to the Broadband Router, refer to the ping procedure in the User Guide on the U.S. Robotics Web site.

Possible Solution:

You need to verify the connection setting of your Web browser and that the HTTP Proxy feature of your Web browser is disabled. You need to do this so that your Web browser can read the configuration pages inside your Broadband Router. Launch your Web browser.

Internet Explorer users: Click Tools, Internet Options, and then the Connections tab. Select Never dial a connection, click Apply, and then click OK. Click Tools again, then click Internet Options. Click the Connections tab, and click the LAN Settings button. Clear all the check boxes and click OK. Click OK.

Netscape Navigator users: Click Edit, Preferences, and then double-click Advanced in the Category window. Click Proxies, select Direct connection to the Internet, and then click OK. Click Edit again, then click Preferences. Under Category, double-click Advanced, then click Proxies. Select Direct connection to the Internet and click OK.

I can't access the Internet.

Possible Solution:

Make sure the power cord and all the Ethernet cables are connected correctly. This includes the cables connecting the Broadband Router, the modem, and all the computers. You can also reboot the Broadband Router by pressing the Reset button. If you are still unable to access the Internet, refer to the Troubleshooting Ping Procedure section in the User Guide on the U.S. Robotics Web site and refer to the documentation for your modem.

I do not know if my IP Address is Static or Dynamic.

Possible Solution:

If you have cable or DSL service, you most likely have a Dynamic IP address. You should always check with your service provider to verify this information, since some providers will assign Static IP addresses. If you have a Dynamic IP address, select Dynamic IP Address in the WAN Setup area of the Configuration Utility and the Broadband Router will automatically obtain the information it needs from your service provider. If you have a Static IP address, select Static IP Address in the WAN Setup area of the Configuration Utility.

While trying to check my network configuration settings in Windows Me or XP, I can't find the Network icon.

Possible Solution:

The default setting in Windows Me and XP is to not show all of the icons within the Control Panel. Click Windows Start, Settings, and then Control Panel. Within Control Panel, click View all Control Panel options on the left side of the screen. All the Control Panel icons should now be visible.

I do not know how to configure the TCP/IP protocol to work with the Broadband Router.

Possible Solution:

You have the TCP/IP protocol installed, but it is not configured to work with the Broadband Router.

- Click Windows Start, Settings, then click Control Panel.
- Double-click the Network icon. Click the Configuration tab and select the TCP/IP line that has been assigned to your network card.
- Click the Properties button to set the TCP/IP protocol for the Broadband Router.
- There are two setting methods to configure the IP:
 - To obtain the IP automatically through the DHCP server, perform the following step: Click the IP Address tab, and select Obtain an IP address automatically. This is the preferred method for configuring computers.
 - To configure the IP manually, perform the following steps:
 - Click the IP Address tab. Click Specify an IP address. Enter values in the IP Address field and in the Subnet Mask field. The default IP address of this product is 192.168.123.254. You should use 192.168.123.xxx (xxx is between 100 and 199) for IP Address field and 255.255.255.0 for Subnet Mask field.
 - Click the Gateway tab. Add the IP address of this product (default IP is 192.168.123.254) in the New gateway field and click Add.

Contact your ISP to get the necessary DNS values. Click the DNS Configuration tab. Add the DNS values into the DNS Server Search Order field and click Add.

After installing the TCP/IP communication protocol, you can use the ping command to check if your computer has successfully connected to the Broadband Router.

Are You Still Having Problems?

- Go to the User Guide on the U.S. Robotics Web site at www.usr.com. More configuration and troubleshooting information is available in the User Guide on the U.S. Robotics Web site.
- Go to the Support section of the U.S. Robotics Web site at www.usr.com. Many of the most common difficulties users experience have been addressed in the FAQ and Troubleshooting Web pages for your specific product. Your product number is 8003. You may need to know this to obtain information on the U.S. Robotics Web site.
- Contact the U.S. Robotics Technical Support Department. Technical questions about U.S. Robotics products can also be answered by technical support specialists.

Country	Voice	Online	Support Hours
United States	(801) 401-1143	http://www.usr.com/emailsupport	9:00 A.M. - 5:00 P.M., Monday - Friday CST
United Kingdom	0870 844 4546	uk_modemsupport@usr.com	9:00 A.M. - 5:00 P.M., Monday - Friday CST
Canada	(801) 401-1143	http://www.usr.com/emailsupport	9:00 A.M. - 5:00 P.M., Monday - Friday CST
Argentina	AT&T Direct + (877) 643-2523	lat_modemsupport@usr.com	9:00 A.M. - 5:00 P.M., Monday - Friday CST
Brazil	AT&T Direct + (877) 487-6253	brazil_modemsupport@usr.com	9:00 A.M. - 5:00 P.M., Monday - Friday CST
Mexico	AT&T Direct + (877) 643-2523	lat_modemsupport@usr.com	9:00 A.M. - 5:00 P.M., Monday - Friday CST
Chile	AT&T Direct + (877) 643-2523	lat_modemsupport@usr.com	9:00 A.M. - 5:00 P.M., Monday - Friday CST
Colombia	AT&T Direct + (877) 643-2523	lat_modemsupport@usr.com	9:00 A.M. - 5:00 P.M., Monday - Friday CST
Costa Rica	AT&T Direct + (877) 643-2523	lat_modemsupport@usr.com	9:00 A.M. - 5:00 P.M., Monday - Friday CST
Peru	AT&T Direct + (877) 643-2523	lat_modemsupport@usr.com	9:00 A.M. - 5:00 P.M., Monday - Friday CST
Puerto Rico	AT&T Direct + (877) 643-2523	lat_modemsupport@usr.com	9:00 A.M. - 5:00 P.M., Monday - Friday CST
Venezuela	AT&T Direct + (877) 643-2523	lat_modemsupport@usr.com	9:00 A.M. - 5:00 P.M., Monday - Friday CST

For current support contact information, go to the following Web site:

<http://www.usr.com/support>

Regulatory Approvals



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 - This Limited Warranty is extended only to the original end-user purchaser (CUSTOMER) and is not transferable.
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 - This Limited Warranty expressly excludes any product that has not been purchased as new from U.S. ROBOTICS or its authorized reseller.
 - This Limited Warranty is only applicable in the country or territory where the product is intended for use (As indicated by the Product Model Number and any local telecommunication approval stickers affixed to the product).
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 - U.S. ROBOTICS warrants any replacement product or part for NINETY (90) DAYS from the date the product or part is shipped to Customer.
 - U.S. ROBOTICS makes no warranty or representation that this product will meet CUSTOMER requirements or work in combination with any hardware or software products provided by third parties.
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 - CUSTOMER assumes full responsibility that this product meets CUSTOMER specifications and requirements.
 - CUSTOMER is specifically advised to make a backup copy of all software provided with this product.
 - CUSTOMER assumes full responsibility to properly install and configure this product and to ensure proper installation, configuration, operation and compatibility with the operating environment in which this product is to function.
 - CUSTOMER must furnish U.S. ROBOTICS a dated Proof of Purchase (copy of original purchase receipt from U.S. ROBOTICS or its authorized reseller) for any warranty claims to be authorized.
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 - For information on how to contact U.S. ROBOTICS Technical Support or an authorized U.S. ROBOTICS Service Centre, please see the U.S. ROBOTICS corporate Web site at: www.usr.com
 - CUSTOMER should have the following information / items readily available when contacting U.S. ROBOTICS Technical Support:
 - Product Model Number
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 - Dated Proof of Purchase
 - CUSTOMER contact name & telephone number
 - CUSTOMER Computer Operating System version
 - U.S. ROBOTICS Installation CD-ROM
 - U.S. ROBOTICS Installation Guide
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 - Responsibility for loss or damage does not transfer to U.S. ROBOTICS until the returned product or part is received as an authorized return at an authorized U.S. ROBOTICS Return Centre.
 - Authorized CUSTOMER returns will be unpacked, visually inspected, and matched to the Product Model Number and Product Serial Number for which the RMA was authorized. The enclosed Proof of Purchase will be inspected for date of purchase and place of purchase. U.S. ROBOTICS may deny warranty service if visual inspection of the returned product or part does not match the CUSTOMER supplied information for which the RMA was issued.
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 - U.S. ROBOTICS will make reasonable effort to ship repaired or replaced product or part to CUSTOMER, at U.S. ROBOTICS expense, not later than TWENTY ONE (21) DAYS after U.S. ROBOTICS receives the authorized CUSTOMER return at an authorized U.S. ROBOTICS Return Centre.
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