

U.S. Robotics®

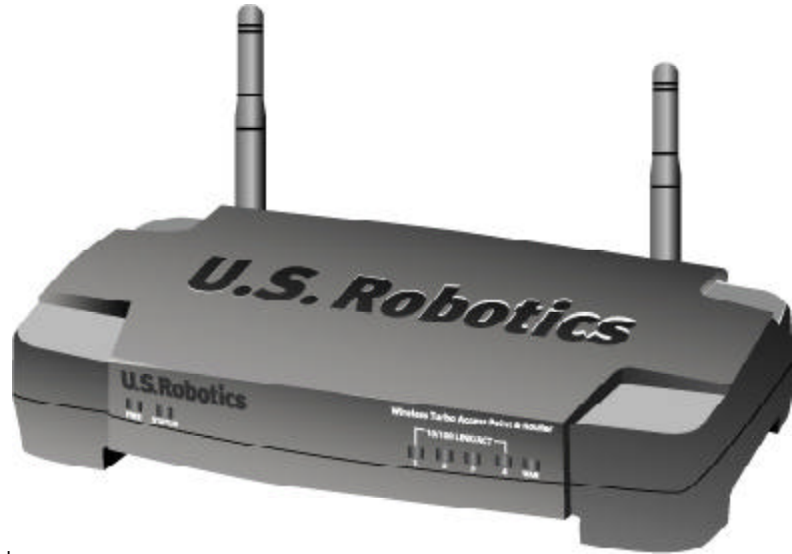
802.11g Wireless Turbo Router Quick Installation Guide

Package Contents:

- 802.11g Wireless Turbo Router
- Quick Installation Guide
- 5VDC power supply
- two (2) detachable antennas
- Installation CD-ROM
- one (1) Ethernet cable



Note: For the most updated information, visit: <http://www.usr.com/support>. You can also refer to the User Guide on the U.S. Robotics Installation CD-ROM for more detailed information.



Front view

1. Power LED: The green Power LED stays lighted to indicate the system is functioning properly and flashes during the self-test phase or firmware upgrade process.
2. Status LED: This LED is lighted green to indicate active status and blinks yellow during a reset, a reboot, or during a firmware upgrade.
3. WAN LED: The green WAN port LED is lighted when a connection is established and flashes when the WAN port is sending or receiving data.
4. LAN 1-4 LEDs: These LEDs are lighted and green when a 100 Mbps connection is established to the respective LAN ports or blinking and green when the respective LAN ports are sending and receiving data. These LEDs are lighted and yellow when a 10 Mbps connection is established to the respective LAN ports or blinking and yellow when the respective LAN ports are sending and receiving data.



Back View

1. RESET Button: Press in and hold the RESET button. While holding the RESET button, unplug then plug back in the power supply. When the 802.11g Wireless Turbo Router has power again, continue to hold the RESET button for about five seconds to reset the 802.11g Wireless Turbo Router to the factory default settings.
3. LAN Ports 1 - 4: The RJ-45 LAN ports are used to connect Ethernet devices to the LAN.
4. WAN: The RJ-45 WAN port is used to connect the 802.11g Wireless Turbo Router to a broadband modem.
5. 5VDC: This connection port is for the power supply of the 802.11g Wireless Turbo Router.
6. Antenna Ports: These connection ports are reverse polarity, SMA male connectors.

part number R24.0360.00
Printed in Taiwan

Before You Begin



Note: Your product number is USR8054. It is important that you have your serial number written down before you install the 802.11g Wireless Turbo Router. You can find your serial number on the bottom label of the 802.11g Wireless Turbo 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
USR8054	



Note: Be sure to find out what letter your CD-ROM drives uses before you begin installing your new product. You will need to know this to properly install your software.

1 Connect your modem to the 802.11g Wireless Turbo Router

Cable or DSL modem users:

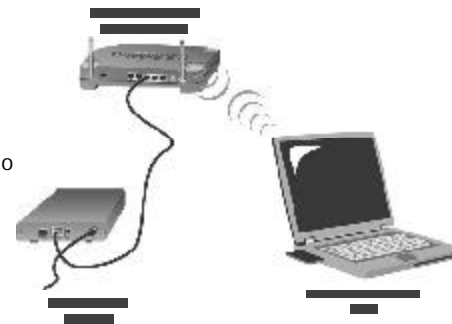
- Turn off your computer and your cable or DSL modem.
- Attach both antennas to the 802.11g Wireless Turbo Router.
- Locate the Ethernet cable from your cable or DSL modem that is connected to your computer's Ethernet adapter.
- Disconnect that Ethernet cable from your computer's Ethernet adapter, and connect it to the WAN port on the rear of the 802.11g Wireless Turbo Router.



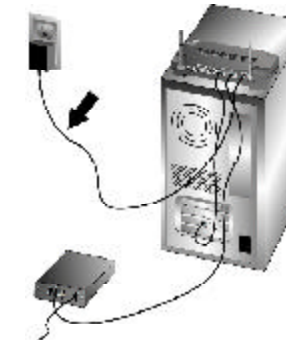
Note: Some cable or DSL modems can be connected using either a USB cable or an Ethernet cable. To connect your cable or DSL modem to the 802.11g Wireless Turbo Router, you must use an Ethernet cable.

2 Connect your 802.11g Wireless Turbo Router to your computer and the power supply

To make a wireless connection: Make sure each wireless card that will be connected to the network is set to Infrastructure mode. If necessary, refer to your Wireless Card manual to determine how to change this setting.



To make an Ethernet connection: Connect one end of the supplied Ethernet cable to your computer's Ethernet adapter. Connect the other end to one of the LAN ports on the 802.11g Wireless Turbo Router.



All Users:
Turn on your cable or DSL modem. Connect the included power adapter to the power socket on the 802.11g Wireless Turbo Router. Plug the power adapter into a standard power outlet. Turn on your computer.

3 Configure the basic connection settings

If you use a login application to connect to the Internet, refer to Appendix A in the Appendixes chapter of the User Guide on the Installation CD-ROM.

If you do not use a login application to connect to the Internet or if you have already configured the 802.11g Wireless Turbo Router, launch a Web browser and register your product at www.usr.com/productreg. If the page loads, you are finished with the installation procedure.



Note: Refer to the "Configuring the 802.11g Wireless Turbo Router" section in the User Guide on the Installation CD-ROM 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. If you experience any difficulties, refer to the Troubleshooting section of this guide or to the User Guide on the Installation CD-ROM for more detailed information.



If you have any difficulties connecting to the 802.11g Wireless Turbo Router, check the following top three issues and see if they apply to your situation.

- If you are attempting to create a wireless connection but cannot connect to the 802.11g Wireless Turbo Router, make sure each wireless card is set to Infrastructure mode. If the wireless cards are set to 802.11g Adhoc mode, you will not be able to connect to the 802.11g Wireless Turbo Router. When each wireless card is set to Infrastructure mode, it should automatically connect to the Access Point of the 802.11g Wireless Turbo Router. If the wireless cards do not automatically connect, rescan until they detect the 802.11g Wireless Turbo Router and connect.
- If you create a wireless connection to the 802.11g Wireless Turbo Router but are experiencing poor link quality, check the positioning of the 802.11g Wireless Turbo Router. Long distances, multiple floors, or steel or concrete walls can diminish the link quality. If possible, reposition the 802.11g Wireless Turbo Router to reduce the effect of any of these obstacles.
- If you have the 802.11g Wireless Turbo Router properly connected and can access the Internet but are experiencing difficulties connecting with special applications (e.g., ICQ, Battle.net, etc.), you must assign specific ports in order to bypass the firewall function. For more information about how to configure this function, refer to the "Special Applications" section within the "Configuring the 802.11g Wireless Turbo Router" chapter of the User Guide.

