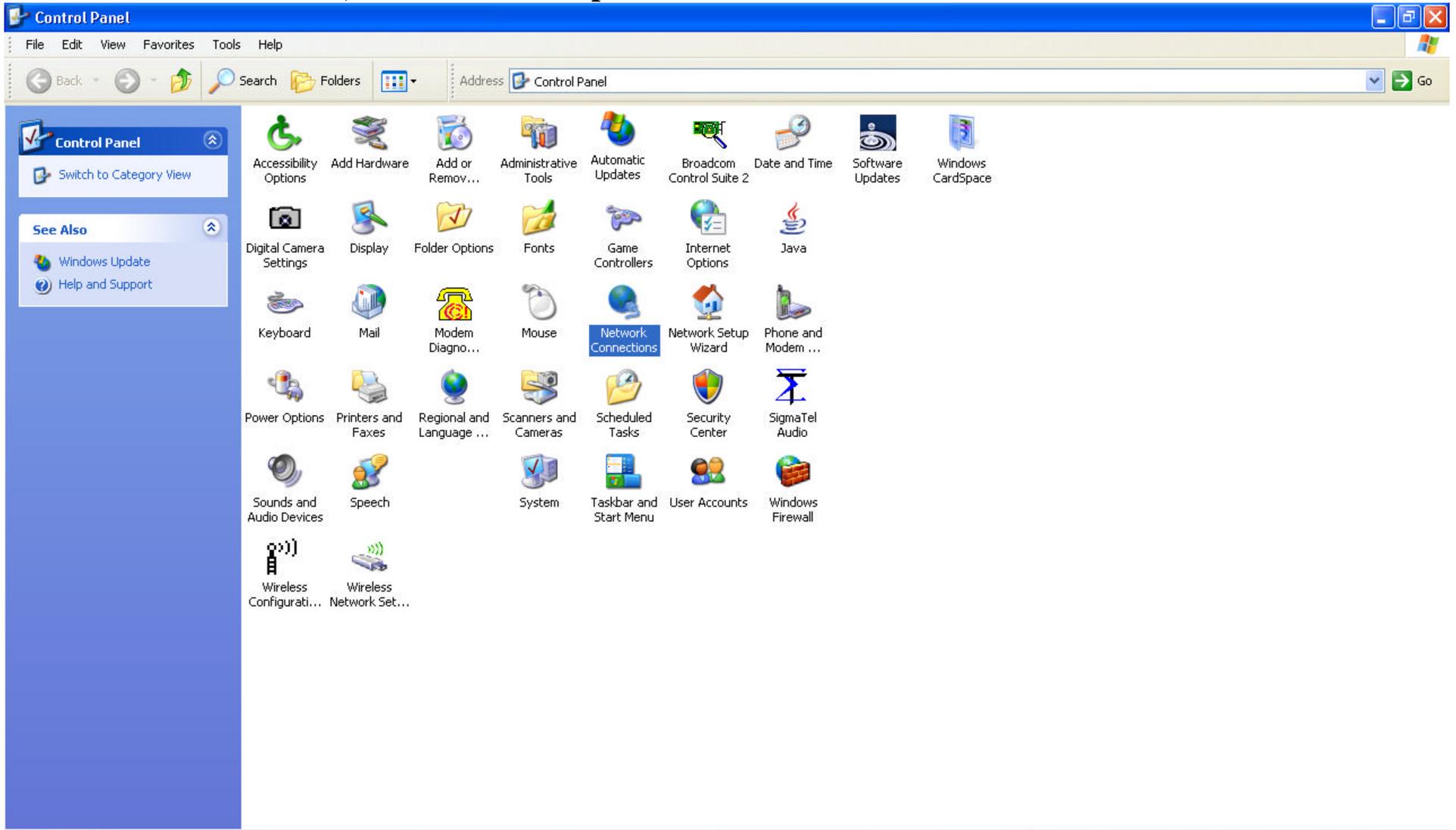


To change WRT54G or WAP54G settings, go to Control Panel, Network Connections and click on Local Area connection. Then right click on it and click properties. Then scroll to you see the Internet Protocol and click on it to select it, then click on Properties



Network Tasks

Other Places

- Control Panel
- My Network Places
- My Documents
- My Computer

Details

Local Area Connection
LAN or High-Speed Internet
Network cable unplugged
Broadcom 440x 10/100
Integrated Controller

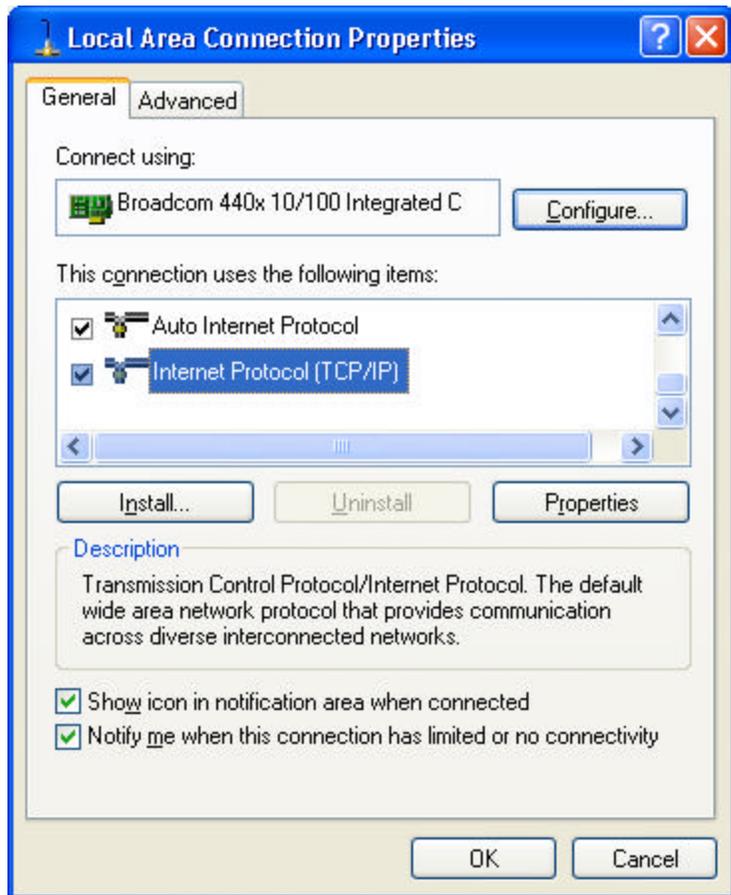
Internet Gateway

 Internet Connection
Connected
Internet Connection

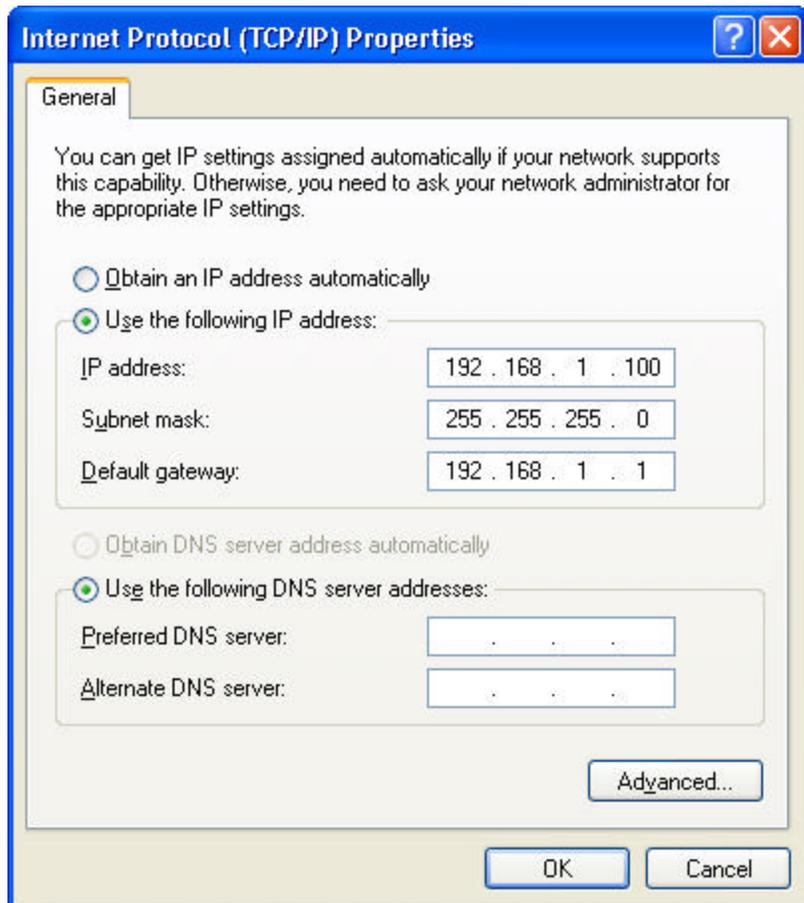
LAN or High-Speed Internet

 Wireless Network Connection
Connected
Dell Wireless 1390 WLAN Mini-...

 Local Area Connection
Network cable unplugged
Broadcom 440x 10/100 Integr...



Change to use static IP address like below, then click OK. Typically both IP and DNS settings should be set to Obtain Automatically. You only do the static setting if you want to hook the WRT54G or WAP54G directly to your computer to change configuration settings.



For WAP54G, plug Ethernet cable into Desktop or Laptop and then into Ethernet connection on back of WAP54G. There is only one for the Access Point. Click and then make sure your Local Internet Connection is Enabled. If not, right mouse click on it and enable it.

To access Linksys **WAP54G Setup**, key 192.168.1.245 in Internet Explorer address and press enter. It should take you to the Setup page without asking for sign-on credentials which are blanks.

Login Name =

Password =

For WRT54G, plug Ethernet cable into Desktop or Laptop and then into any one of the 4 Ethernet ports on back of WRT54G. Do not plug it into the single Internet port.

Currently, Operating Mode = Router (use this if your ISP modem/router is the DHCP server)

Make sure your Local Internet Connection is Enabled. If not, right mouse click on it and enable it.

To access Linksys **WRT54G setup**, key 192.168.1.25 in Internet Explorer address and press enter. The login and password are set as follows. You can change it once you get things set up the way you want them.

Login Name = admin

Password =

WRT54G IP address set to 192.168.1.25 (if Operating Mode = Gateway, set IP Address = 192.168.1.1 and DHCP Server "Enabled")

The screenshot shows the 'Basic Setup' page for a Wireless-G Broadband Router (WRT54G) in Internet Explorer. The browser address bar shows 'http://192.168.1.25/'. The page is titled 'Setup' and has a navigation menu with tabs for 'Setup', 'Wireless', 'Security', 'Access Restrictions', 'Applications & Gaming', 'Administration', and 'Status'. The 'Setup' tab is active, and the 'Basic Setup' sub-tab is selected. The 'Internet Setup' section is expanded, showing 'Internet Connection Type' set to 'Automatic Configuration - DHCP'. The 'Router IP' section shows 'Local IP Address' set to '192.168.1.25' and 'Subnet Mask' set to '255.255.255.0'. The 'DHCP Server' is set to 'Disable'. The 'Starting IP Address' is '192.168.1.2', 'Maximum Number of DHCP Users' is '50', and 'Client Lease Time' is '0 minutes (0 means one day)'. A blue sidebar on the right contains help text for the DHCP settings.

Setup

Wireless-G Broadband Router WRT54G

Setup | Wireless | Security | Access Restrictions | Applications & Gaming | Administration | Status

Basic Setup | DDNS | MAC Address Clone | Advanced Routing

Internet Setup

Internet Connection Type: Automatic Configuration - DHCP

Optional Settings (required by some ISPs)

Router Name: WRT54G

Host Name:

Domain Name:

MTU: Auto

Size: 1500

Network Setup

Router IP

Local IP Address: 192 . 168 . 1 . 25

Subnet Mask: 255 . 255 . 255 . 0

DHCP Server: Enable Disable

Starting IP Address: 192.168.1.2

Maximum Number of DHCP Users: 50

Client Lease Time: 0 minutes (0 means one day)

Automatic Configuration - DHCP: This setting is most commonly used by Cable operators.

Host Name: Enter the host name provided by your ISP.

Domain Name: Enter the domain name provided by your ISP. More...

Local IP Address: This is the address of the router.

Subnet Mask: This is the subnet mask of the router.

DHCP Server: Allows the router to manage your IP addresses.

Starting IP Address: The address you would like to start

WRT54G Router setup with Operating Mode = Router (Setup\Advanced Routing)

The screenshot shows the Linksys WRT54G router's configuration interface in Internet Explorer. The browser window title is "Advanced Routing - Windows Internet Explorer" and the address bar shows "http://192.168.1.25/Routing.htm". The page features a purple header with the Linksys logo and "Firmware Version: v1.02.8". A navigation menu includes "Setup", "Wireless", "Security", "Access Restrictions", "Applications & Gaming", "Administration", and "Status". The "Advanced Routing" section is active, showing "Operating Mode" set to "Router". Other settings include "RIP" set to "Disabled", "Select set number" set to "10", and "Interface" set to "LAN & Wireless". A "Show Routing Table" button is at the bottom. A help sidebar on the right explains the "Operating Mode" and "Select Set Number" options.

LINKSYS[®] by Cisco Firmware Version: v1.02.8

Wireless-G Broadband Router WRT54G

Setup | **Wireless** | **Security** | **Access Restrictions** | **Applications & Gaming** | **Administration** | **Status**

Basic Setup | DDNS | MAC Address Clone | **Advanced Routing**

Advanced Routing

- Operating Mode: Router
- Dynamic Routing: RIP: Disabled
- Static Routing: Select set number: 10 Delete This Entry
Enter Route Name:
Destination LAN IP: 0 . 0 . 0 . 0
Subnet Mask: 0 . 0 . 0 . 0
Default Gateway: 0 . 0 . 0 . 0
Interface: LAN & Wireless

Show Routing Table

Operating Mode: If the router is hosting your Internet connection, select Gateway mode. If another router exists on your network, select Router mode.

Select Set Number: This is the unique route number, you may set up to 20 routes.

Route Name: Enter the name you would like to assign to this route.

Destination LAN IP: This is the remote host to which you would like to assign the static route.

Subnet Mask: Determines the host and the network portion. [More...](#)

Done Internet 100%

WAP54G IP address set to 192.168.1.245
AP Mode = Wireless Repeater
MAC Address = 00:14:BF:8B:78:23 of Router WRT54G)

The screenshot shows a Windows Internet Explorer browser window displaying the Linksys WAP54G configuration page. The browser's address bar shows the URL `http://192.168.1.245/`. The page header includes the Linksys logo, "A Division of Cisco Systems, Inc.", and "Firmware Version: 3.04". The main navigation bar shows "Wireless-G Access Point" and "WAP54G". The "Setup" menu is expanded, showing "Setup", "Wireless", "Administration", and "Status". The "Wireless" sub-menu is further expanded to show "Network Setup" and "AP Mode". The "AP Mode" section is active, displaying the "LAN MAC Address" as "00:16:B6:9E:4C:2B". Below this, there are four radio button options for the AP mode: "Access Point (default)", "AP Client", "Wireless Repeater", and "Wireless Bridge". The "Wireless Repeater" option is selected. The "Remote Access Point's LAN MAC Address" field is set to "00:14:BF:8B:78:23". A "Site Survey" button is visible next to the "AP Client" option. A "Help..." link is located on the right side of the page. The browser's status bar at the bottom shows "Done" and "Internet".

Wireless Connection to WAP54G

SSID=Repeater

(AP Mode = Wireless Repeater, MAC Address pointing to Router WRT54G)

The screenshot shows the Windows Network Connections window. The main window title is "Network Connections" and it contains a menu bar (File, Edit, View, Favorites, Tools, Advanced, Help) and a navigation pane with "Back", "Search", "Folders", and "Address" (Network Connections). The main content area is titled "LAN or High-Speed Internet" and shows two connections: "Local Area Connection" (Disabled) and "Wireless Network Connection" (Connected). The "Wireless Network Connection" window is open, displaying "Choose a wireless network". The window title is "Wireless Network Connection" and it has a "Disconnect" button at the bottom right. The window content includes "Network Tasks" (Refresh network list, Set up a wireless network for a home or small office) and "Related Tasks" (Learn about wireless networking, Change the order of preferred networks, Change advanced settings). The "Choose a wireless network" section lists several networks:

Network Name	Security	Signal Strength	Status
Repeater	Unsecured wireless network	Excellent	Connected
My Linksys	Unsecured wireless network	Good	Automatic
2nd-Floor-WRT160N	Security-enabled wireless network	Good	Automatic
1st Floor	Security-enabled wireless network	Good	Automatic
9LIF2	Security-enabled wireless network	Good	Automatic
2WV54	Security-enabled wireless network	Good	Automatic

The taskbar at the bottom shows the Start button, several application icons (Network Connections, Wireless Network C..., Linksys Ebay Screen..., Internet Explorer ca..., Linksys - Windows I...), and the system tray with the time 9:31 AM Saturday.

Wireless Connection to SSID=My Linksys (WRT54G) WRT54G connected to FiOS router thru port 1 on back of WRT54G.

Speakeasy Speed Test - Windows Internet Explorer

http://www.speakeasy.net/speedtest/

File Edit View Favorites Tools Help

Norton Norton Safe Search Search Cards & Logins

Favorites Suggested Sites Free Hotmail Web Slice Gallery

Speakeasy Speed Test

SPEED TEST

CHOOSE A LOCATION: Saturday 20-Feb 2010, 05:15:41 AM Your IP: 173.53.42.146

- » SEATTLE, WA
- » SAN FRANCISCO, CA
- » LOS ANGELES, CA
- » DALLAS, TX
- » CHICAGO, IL
- » ATLANTA, GA
- » NEW YORK, NY
- » WASHINGTON, DC

Business Ethernet

FREE INSTALLATION + HARDWARE
3x3 Mbps for \$380 [LEARN MORE →](#)



Increase your business bandwidth today.
Complete the form to find out how.

RESULTS

↓ **18467** kbps DOWNLOAD SPEED

↑ **4501** kbps UPLOAD SPEED

[LEARN MORE ABOUT BROADBAND SPEED](#) 

[Speed Test Not Working?](#) [Share your results](#)

Last Result:
Download Speed: **18467** kbps (2308.4 KB/sec transfer rate)
Upload Speed: **4501** kbps (562.6 KB/sec transfer rate)

BUSINESS SPEED FROM SPEAKEASY

Based on your results, we're confident we can increase your speed. Find out how.

866-300-1725

Street Address

City State

Phone Number

[GET STARTED →](#)

[We protect your privacy.](#)

Done Internet 100%

Wireless Connection to WAP54G SSID=Repeater Sample Speed Test from Dell Laptop with Wireless G Adapter

Speakeasy Speed Test - Windows Internet Explorer

http://www.speakeasy.net/speedtest/

File Edit View Favorites Tools Help

Norton Norton Safe Search Search Cards & Logins

Speakeasy Speed Test

speakeasy VOICE + DATA FOR BUSINESS

SPEED TEST

CHOOSE A LOCATION: Friday 05-Mar 2010, 12:35:22 PM Your IP: 173.53.42.146

- SEATTLE, WA
- SAN FRANCISCO, CA
- LOS ANGELES, CA
- DALLAS, TX
- CHICAGO, IL
- ATLANTA, GA
- NEW YORK, NY
- WASHINGTON, DC

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RESULTS

9.34 Mbps DOWNLOAD SPEED

4.17 Mbps UPLOAD SPEED

BUSINESS SPEED FROM SPEAKEASY
Based on your results, we're confident we can increase your speed. Find out how.
866-300-1725

Street Address

City State

Phone Number

GET STARTED

Internet 100%

