

# Wireless-G Broadband Router Model WRT54G Wireless Mac Filtering Instructions

Open Internet Explorer and type **192.168.1.1** in the address bar. (Preferably on a computer wired to the router)

A login box will come up and by default the username should be left blank and the password is "**admin**".

Click on the **Wireless Tab**

Rename the **Wireless Network Name SSID** "linksys" to something unique to your connection (Ex. Pets name, nickname, a number, etc.)

Then click on **Save Settings**

\*At this point connect all wireless computers and devices to the wireless network name you changed in the step above. If the computer is not seeing the updated network name you may need to refresh the list.

Next click on **Wireless MAC Filter**

Then click the radio button beside **Enable**.

Then click the radio button beside **Permit Only**.

Click on the button **Edit MAC Filter List**.

The screenshot shows the Linksys WRT54G web interface. At the top left is the Linksys logo with the text "A Division of Cisco Systems, Inc." and the firmware version "v1.00.9" at the top right. The main navigation bar includes "Wireless-G Broadband Router" and "WRT54G". Below this is a "Wireless" menu with sub-tabs: "Setup", "Wireless", "Security", "Access Restrictions", "Applications & Gaming", "Administration", and "Status". The "Wireless" sub-tab is active, and within it, "Wireless MAC Filter" is selected and circled. The "Wireless MAC Filter" page shows the following settings: "Wireless MAC Filter:" with "Enable" selected (radio button) and "Disable" unselected; "Prevent:" with "Prevent PCs listed from accessing the wireless" unselected; and "Permit only:" with "Permit only PCs listed to access the wireless network" selected. There is an "Edit MAC Filter List" button. At the bottom of the page are "Save Settings" and "Cancel Changes" buttons. The Cisco Systems logo is in the bottom right corner.

Then click the **Wireless Client/MAC List** button.

MAC Address Filter List

Enter MAC Address in this format: xx:xx:xx:xx:xx:xx

Wireless Client MAC List

MAC 01:  MAC 11:

MAC 02:  MAC 12:

MAC 03:  MAC 13:

MAC 04:  MAC 14:

MAC 05:  MAC 15:

MAC 06:  MAC 16:

MAC 07:  MAC 17:

MAC 08:  MAC 18:

MAC 09:  MAC 19:

MAC 10:  MAC 20:

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MAC 21:  MAC 31:

MAC 22:  MAC 32:

MAC 23:  MAC 33:

Then put a check in **Enable MAC Filter** under every Active computer connected. Click on **Update Filter List**.

Wireless Client MAC List

Refresh

Active PC

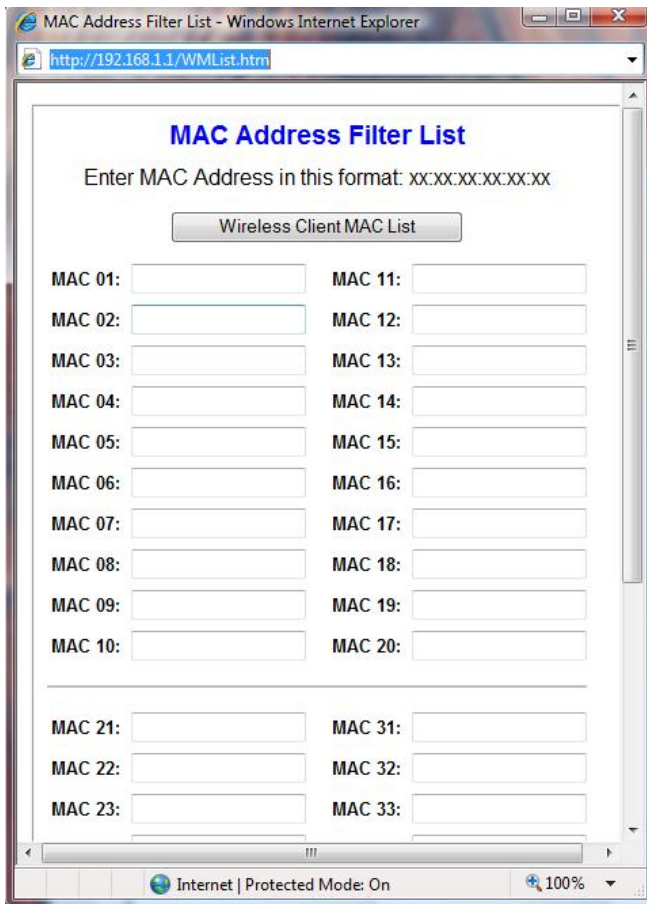
Client Host Name	IP Address	MAC Address	Enable MAC Filter
user-3b3eab9dd9	192.168.1.101	00:90:4B:1C:0B:A6	<input type="checkbox"/>

Inactive PC

Client Host Name	IP Address	MAC Address	Enable MAC Filter
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Update Filter List Close

Then click on **Save settings** on the bottom of the Mac Address Filter List.



The screenshot shows a web browser window titled "MAC Address Filter List - Windows Internet Explorer". The address bar displays "http://192.168.1.1/WMList.htm". The main content area has a title "MAC Address Filter List" and a subtitle "Enter MAC Address in this format: xx:xx:xx:xx:xx:xx". Below this is a button labeled "Wireless Client MAC List". The form contains two columns of input fields, each labeled with a MAC address number from 01 to 33. The fields are arranged in two columns: the first column contains MAC 01 through MAC 10, and the second column contains MAC 11 through MAC 20. Below a horizontal line, the first column continues with MAC 21 through MAC 23, and the second column continues with MAC 31 through MAC 33. The browser's status bar at the bottom shows "Internet | Protected Mode: On" and a zoom level of "100%".

Then click **Continue**.

Then Close the Mac Address Filter List.

Then click on **Save Settings** on the Bottom of the Main screen

Then Close Internet Explorer and you are done securing your wireless connection.