

# ADSL2+ Wireless Router Mac User Guide



## Start Here

This User Guide provides basic instructions for connecting your NB9WMAXX to an Apple Macintosh computer and to the Internet.

1. Ethernet Installation
2. Airport Installation
3. Modem Set-up

Before you can use this User Guide, you must have already established an ADSL service with your Internet Service Provider (ISP).

These instructions provide a basic set-up configuration that should get home or small office Macs up and running. This will be sufficient for most users.

If you need to perform more advanced configurations, please see the comprehensive User Guide on the supplied CD-ROM for additional instructions.

NOTE: NetComm Technical Support for this product only covers the essential installation and features outlined in this User Guide. For detailed information regarding the advanced features of this product, please see the configuring sections in the NB9WMAXX User Guide on the supplied CD-ROM.

### Connecting your NB9WMAXX

The NetComm NB9WMAXX Modem can be connected directly to your Mac via an Ethernet interface. In addition, you can use your Mac's Airport to connect to the NB9WMAXX wirelessly.

Warning: Before you begin, turn the power off for all devices. These include your Mac and your NB9WMAXX Modem.

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## Ethernet Installation

### Step 1 – Install the Hardware

To connect your modem using the Ethernet cable, follow these step-by-step instructions:

1. Connect the ADSL cable.

Connect one end of the telephone cable provided to the port labeled ADSL on the rear panel of your NB9WMAXX Modem. Connect the other end to your wall phone jack.

2. Connect the Ethernet cable.

Connect one end of the Ethernet cable provided to the Ethernet port on your Mac and the other end of the cable to the Ethernet port of your NB9WMAXX ADSL Modem.

3. Attach the power connector.

Connect the AC power adapter to the Power connector on the back of the NB9WMAXX and plug in the adapter into a wall outlet or power strip.

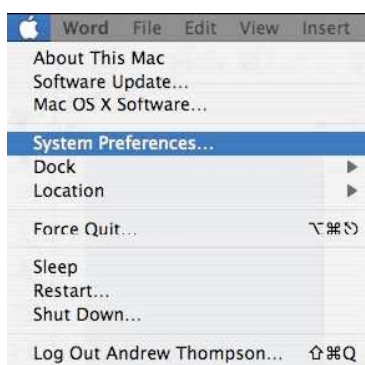
4. Switch on the power. Your NB9WMAXX will start up. Turn on your Mac.

### Step 2 – Set up your Mac

This is how to configure your Mac to work with your NB9WMAXX ADSL Modem.

#### Mac OS 10.2.2

1. From the Apple menu, select System Preferences.



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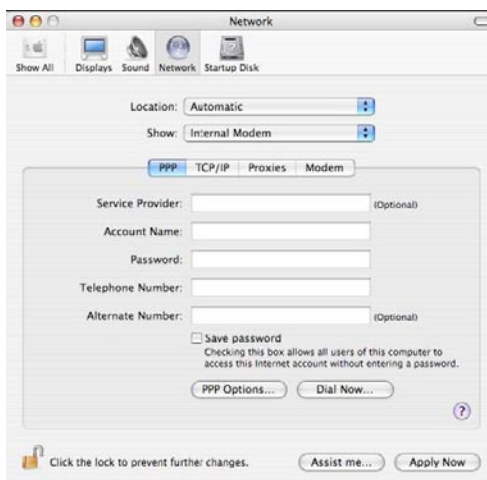


## Ethernet Installation (cont)

2. The Systems Preferences window opens.



3. In the Systems Preferences window, locate the “Internet and Network” heading and click once on the Network icon. The Network window opens.



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## Ethernet Installation (cont)

4. If you want to use this Mac in more than place (perhaps at home as well as at your workplace) or on more than one network, you can achieve this easily by setting up a Location for each place or network. Swapping Locations then becomes a simple matter of selecting the appropriate Location. If you wish to do this, you will need to click on the “Location” pop-up menu and select “New Location...”. You will be asked to name your new location.



5. Give your New Location a meaningful name and click OK. Make sure that the Location you have just created is displayed in the Location pop-up menu.
6. If you do not wish to set up more than one Location, make sure that the Location pop-up menu is set to “Automatic”.
7. Click on the “Show” pop-up menu and select “Built in Ethernet”. Click on the TCP/IP tab. The TCP/IP settings will be displayed. Click on the “Configure” pop-up menu (“Configure IPv4” if you’re using Mac OS 10.3) and select “Using DHCP”. Click on Apply Now to save the changes.

Your dialog box should now look like this:



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## Ethernet Installation (cont)

8. If your Mac does not accept an IP address from the DHCP server in your NB9WMAXX and the IP address field remains blank, try selecting “Using DHCP with manual address” from the “Configure” popup menu (“Configure IPv4” if you’re using Mac OS 10.3) and entering 192.168.1.3 in the “IP address” field.
9. Click on the “Show” pop-up menu and select “Network Status”. Check to see that the bullet alongside “Built-in Ethernet” is green.



10. Close the Network window by clicking the red close button (System 10.3) or select “Quit System Preferences” under the “System Preferences” menu (System 10.2 or earlier).

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## Airport Installation

### Step 1 – Install the Hardware

To connect your modem using Airport, follow these step-by-step instructions:

1. Install your Airport or Airport Extreme card.

If your Airport is not already installed, follow the instructions in the User Guide that came with your Mac to install an Airport or Airport Extreme card.

2. Connect the ADSL cable.

Connect one end of the telephone cable provided to the port labeled ADSL on the rear panel of your NB9W Modem. Connect the other end to your wall phone jack.

3. Attach the power connector.

Connect the AC power adapter to the Power connector on the back of the NB9WMAXX and plug in the adapter into a wall outlet or power strip.

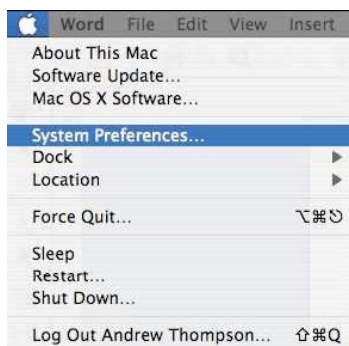
4. Switch on the power. Your NB9WMAXX will start up. Turn on your Mac.

### Step 2 – Set up your Mac

This is how to configure your Mac to work with your NB9WMAXX ADSL Modem.

Please note that, while it may be possible to connect wirelessly to the NB9WMAXX using Mac OS 9.x, only Mac OS X is supported.

1. From the Apple menu, select System Preferences



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## Airport Installation

2. The Systems Preferences window opens.



3. In the Systems Preferences window, locate the "Internet and Network" heading and click once on the Network icon. The Network window opens.



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## Airport Installation (cont)

4. If you want to use this Mac in more than place (perhaps at home as well as at your workplace) or on more than one network, you can achieve this easily by setting up a Location for each place or network. Swapping Locations then becomes a simple matter of selecting the appropriate Location. If you wish to do this, you will need to click on the “Location” pop-up menu and select “New Location...”. You will be asked to name your new location.



5. Give your New Location a meaningful name and click OK. Make sure that the Location you have just created is displayed in the Location pop-up menu.
6. If you do not wish to set up more than one Location, make sure that the Location pop-up menu is set to “Automatic”.
7. Click on the “Show” pop-up menu and select “Airport”. Click on the “Airport” tab.



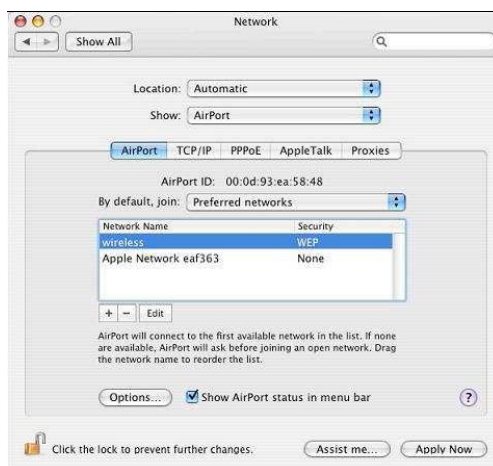


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## Airport Installation (cont)

8. Click the pop-up menu “By default, join” and select “Preferred networks”. Select “wireless” from the list that is displayed.



9. With “wireless” selected, click on the “Edit” button at the foot of the list. The following dialogue box is displayed.



10. If you have not done any changes in Wireless security settings then select “WEP Security”, in the dialogue box, enter the WEP Password which is defined : a1b2c3d4e5

If you have changed wireless security settings to user defined WPA KEY then select ,Using then select “WPA Security”, In the dialogue box,enter the WPA password which is defined by you while configuring your wireless settings.

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## Airport Installation (cont)



11. Click OK.
12. Click on the TCP/IP tab. The TCP/IP settings will be displayed. Click on the "Configure IPv4" pop-up menu and select "Using DHCP". Click on Apply Now to save the changes.

Your dialog box should now look like this:



13. If your Mac does not accept an IP address from the DHCP server in your NBWMAXX and the IP address field remains blank, try selecting "Using DHCP with manual address" from the "Configure IPv4" pop-up menu and entering 192.168.1.3 in the "IP address" field.

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## Airport Installation (cont)

14. Click on the “Show” pop-up menu and select “Network Status”. Check to see that the bullet alongside “Airport” is green.



15. Close the Network window by clicking the red close button (System 10.3 and 10.4) or select “Quit System Preferences” under the “System Preferences” menu (System 10.2).

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## Modem Set-up

To configure your NB9WMAXX ADSL Modem, follow the steps below:

1. Open a web browser such as Safari or Internet Explorer.
2. In the Location Bar, type 192.168.1.1 and press Enter.



3. Enter the username and password. The default username is "admin". The default password is "admin". Click on OK.
4. The NB9WMAXX Integrated device will be displayed. Click on 'BASIC' then 'ADSL QUICK SET UP' - enter the username and password that your ISP has provided and click on "save and reboot".



5. After a few seconds, router will restart and lights will get stable.



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## Modem Set-up (cont)

6. After two minutes, "internet" light will come up and you should see the Basic ->Home page indicating ADSL service is connected.



7. You have now completed the set-up which will be sufficient for most uses. You should now be able to access the Internet by selecting one of your Favorites or Bookmarks or by entering a URL in the Location Bar.
8. You may need to change the settings in Mail, Outlook Express or whatever email application you use. Your ISP will supply these settings.
9. If you need to perform more advanced configurations, please see the comprehensive User Guide on the supplied CD-ROM for additional instructions.