Metricom GS Wireless Modem
Getting Started Guide (BETA)

Serial Number:_____

Modem Name: _____

- Setting Up The Modem Hardware
- Installing The PC Card Software
- Modem Hardware Operation
- Connecting the Hardware
- Installing The Modem Software

Product Information (con't)

FCC Compliance - This device does not comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause unwanted operation.

This equipment is being tested to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following safety measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Consult the dealer or an experienced radio modem technician for help.

It is recommended that the antenna of this device be placed at 11 cm (4.5") or more from its user and any nearby persons, during continuous and extended data transmission. The users of this device should ensure that the operation of this device is in compliance with these provisions.

Ricochet Internet Settings

- Primary DNS: 168.253.48.19

- Secondary DNS: 198.6.1.1

- Dial String: 222

- POP Host: pop.ricochet.net

- SMTP Host: smtp.ricochet.net

- News/NNTP Host: news.ricochet.net

Recommended Modem Settings

- RS-232 Serial Port Speed: 115200 baud

- PC Card High Speed Serial Port: 115200 baud

- Macintosh Serial Port: 230400 baud

- Flow Control: Hardware (CTS & RTS [DTR])

- USB Port: Not Supported at this time.

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START HERE

Welcome to the Ricochet² Digital Wireless Service and congratulations on your participation in the Metricom GS Wireless Modem Beta Program. With the Ricochet modem, you can go out into the hustling, bustling world and bring e-mail, the Internet, and even your company's LAN along with you - without wires, without a phone jack.
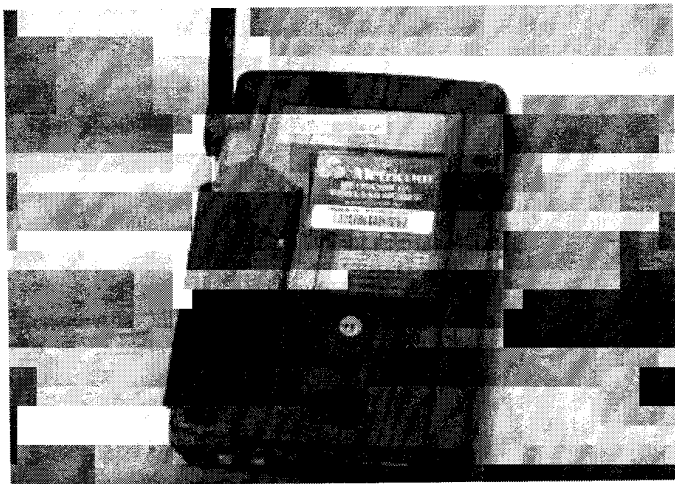
Now that you're a Beta user of the Ricochet² Service, you can send a file to your office computer from a meeting at a restaurant, connect to the Internet from your living room couch, check your e-mail and scan stock quotes from a bench in the park. The Ricochet Modem brings you fast, truly portable computing, for the first time!

- Wireless - no phone lines, no busy signals
- Portable - designed for easy mobility
- Fast - fastest wireless speed in the industry
- Compatible - works with both desktop and laptop computers.

Expected Connectivity Performance:

	RS-232	High-Speed PC Card Serial	Macintosh Serial
Win 95	80 Kbps	N/A	N/A
Win 98	80 Kbps	128 Kbps	N/A
Win NT	80 Kbps	N/A	N/A
Mac 8.0	N/A	N/A	128 Kbps

Installing and Replacing the Battery

IN:

Slide the battery into the empty space at the back of the modem so the metal tabs touch the metal contacts. Snap into place.

OUT:

With one hand, slide the ribbed tab to the right to disengage the battery. With the other hand, pivot the battery to the left & out of the modem.
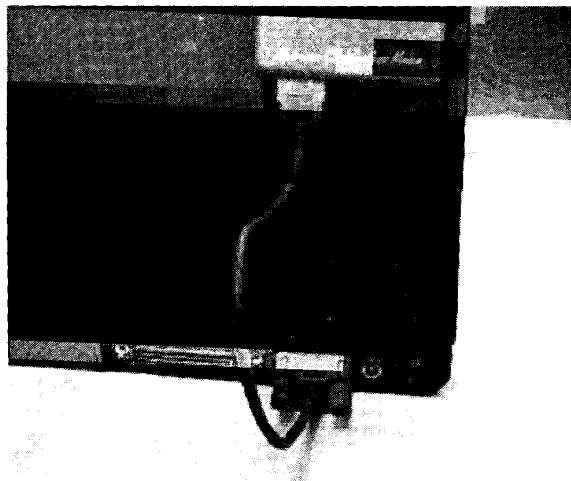
Charging the Battery

1. Connect the AC adapter to the modem.

2. Plug the adapter into any household power outlet.

The battery will continue to charge, whether or not you're using the modem. When not in use, average time is two hours. During use, time for full charge is longer.

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Part Two: Connecting The Hardware To The Computer (Win & Mac)

Laptop

Connecting to Your Computer

1. Plug the modem-cable connector into the modem.

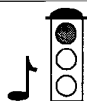**2.** Plug the other end of the cable into an available serial port in the computer.

3. Turn the modem on and wait for the blinking green light.
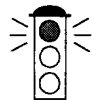
NOTE:
Connection port location may differ on your particular computer than what is represented in the photo above. Please refer to your computer manufacturer's instructions for the correct location.

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POWERED ON
single beep;
solid red

FOUND NETWORK
no tone;
blinking red

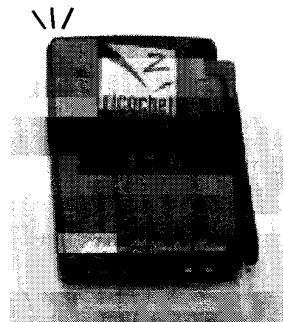**REGISTERED ON NETWORK**
two-tone beep;
blinking green

CONNECTED TO NETWORK
multiple-tone ring;
blinking yellow

○ OFF

⌿ ON/Silent Mode

ⓣ ON/Tone

Note: If you are indoors, place the modem near a window to get the best network connection.

Note: Press and hold the power switch to check network coverage in your area. Four beeps is ideal; one beep is poor.
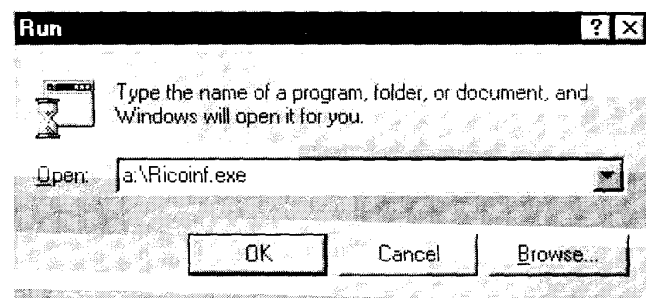
Registering on the Ricochet Network

1. Turn on the modem.

2. Listen for a single beep and look for the modem's light to turn red, indicating that the modem is turned on.

3. Watch for the red light to blink, indicating that the modem has detected the network.

4. Listen for two low-to-high beeps, and watch for the modem's light to blink green, indicating that the modem has registered in the network.

NOTE:
If your modem is operating under silent mode, you will not hear the indictive tones. The modem light will display status for you.
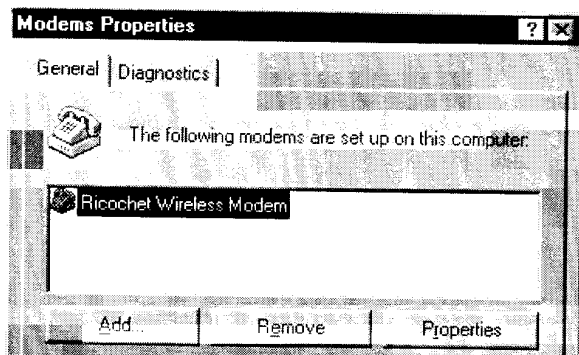
Win98

Installing your PC Card Software, Windows 98

1. Quit all running applications.

2. Insert the **Ricochet Disk 1** into the floppy drive.

3. Click **Start**, then select **Run**.

4. Type **a:\Ricoinf.exe**, click **OK**, then follow the instructions on screen until you are finished.

5. After running the **Ricoinf.exe** file, plug in the PC Card and cable (as shown above) into an available slot.

Win 98

Modems Properties

General | Diagnostics |

The following modems are set up on this computer:

Ricochet Wireless Modem

Add | Remove | Properties

Adding Your Modem to the Control Panel

1. **Start > Settings > Control Panel.** Double-click **Modems.**

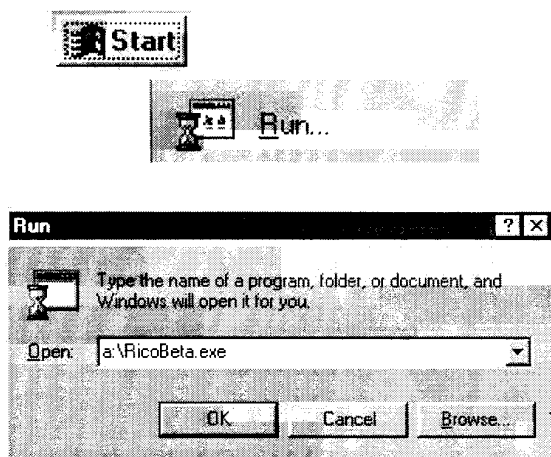**2.** The "Modems Properties" window will appear. Click **Add.**
NOTE:
   If your PC has PCMCIA slots, you may see a window asking
   you to select between **PCMCIA modem card** and **Other.**
   Select **Other,** then click **Next** to continue.

3. The "Install New Modem" window will appear. Check box
for **I will select it from a list.** Click **Next.**

4. Under "Manufacturer" select **Metricom, Inc.** Under "Models" select **Metricom GS Wireless Modem.**

5. Make sure your modem is connected to your computer and
turned on. Click **Next.**

6. In the "Select Com Port" window, select **Sealevel PC-SIO.**
Click **Next.**

7. You have successfully set up your Ricochet modem. Click
Finish.

8. The "Modems Properties" window will appear. Verify that
Metricom GS Wireless Modem is selected. If not, click
once on **Metricom GS Wireless Modem** to select it.
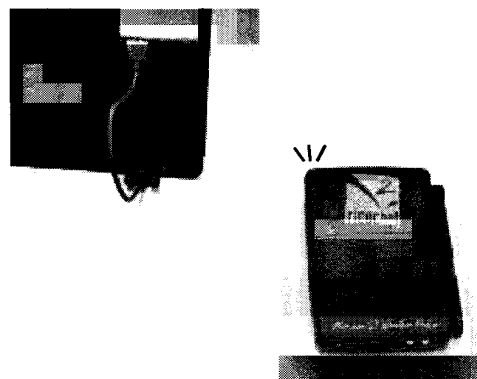
9. Click **OK** (or **Close).**

Win 98

Run

Type the name of a program, folder, or document, and Windows will open it for you.

Open: a:\RicoBeta.exe

OK   Cancel   Browse...

Ricochet Beta.lr

Installing your Ricochet Connection software

1. Quit all running applications.

2. Insert the **Ricochet Disk 1** into the floppy drive. Click **Start**, then select **Run**.

3. Type **a:\RicoBeta.exe**, click **OK**, then follow the instructions on screen until finished.

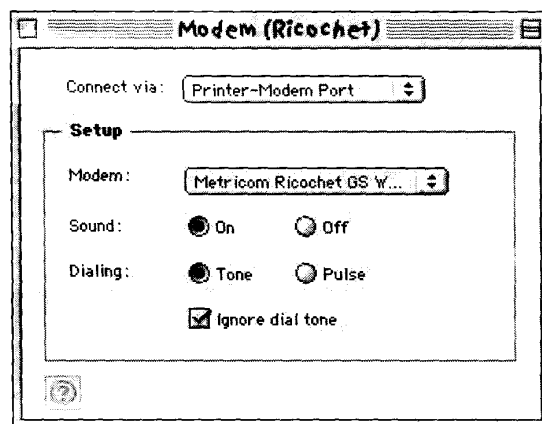**4.** You are now ready to make a Ricochet connection.

Making a Ricochet Connection to the Internet

1. Make sure your modem is connected properly to your computer (pg. 5), and is registered on the network: the LED will be flashing green (pg 6).

2. Double-click the **Ricochet Beta** icon on your desktop.
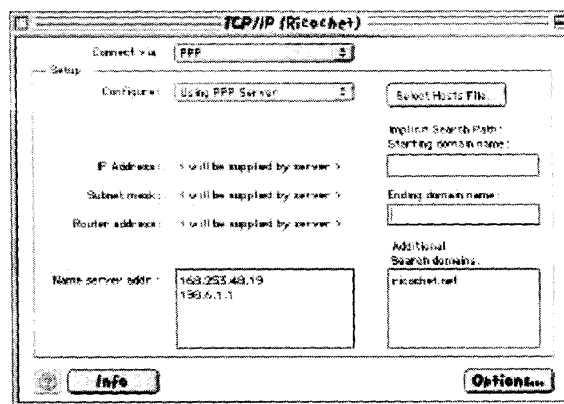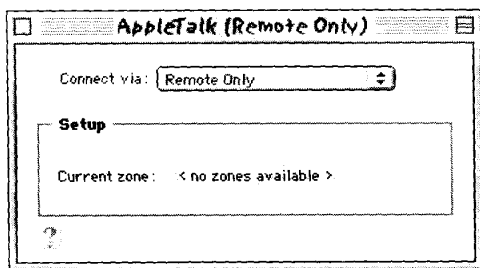
3. Launch your Internet Browser.

Mac

Installing your Configuration Software, Macintosh

1. Drag the ARA CCL file **Metricom Ricochet GS Wireless** to the System Folder.

2. Click **OK** to place the file in the Modem Scripts folder.

3. Select the **Modem Control Panel**. This displays the modem control panel allowing you to select the modem to use.

4. For "Connect Via:" select the the port that the Ricochet GS Modem is connected to. On your Powerbook, this will be the **Printer Modem Port**.

5. For "Modem:" select **Metricom Ricochet GS Wireless**. If **Metricom Ricochet GS Wireless** does not appear in the pop-up menu, copy the

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Mac

AppleTalk (Remote Only)

Connect via: [Remote Only ‡]

Setup

Current zone: < no zones available >

TCP/IP (Ricochet)

Connect via: [PPP ‡]

Setup

Configure: [Using PPP Server ‡]   [Select Hosts File]

Implicit Search Path:
Starting domain name:
[   ]

IP Address: < will be supplied by server >

Subnet mask: < will be supplied by server >   Ending domain name:
[   ]

Router address: < will be supplied by server >

Additional
Search domains:

Name server addr: | 168.253.48.19 | | ricochet.net |
| 198.6.1.1 |

[Info]   [Options...]

Metricom Ricochet GS Wireless CCL file location to the Modem Scripts folder. (The Modem Scripts folder is located in the Exten-sions folder within the System Folder.)
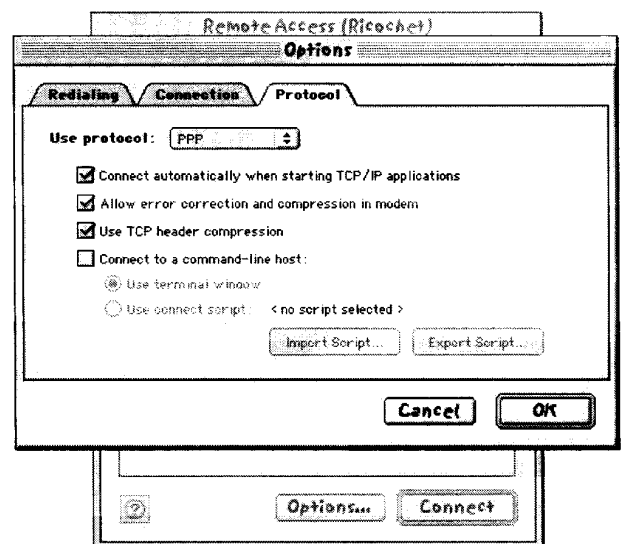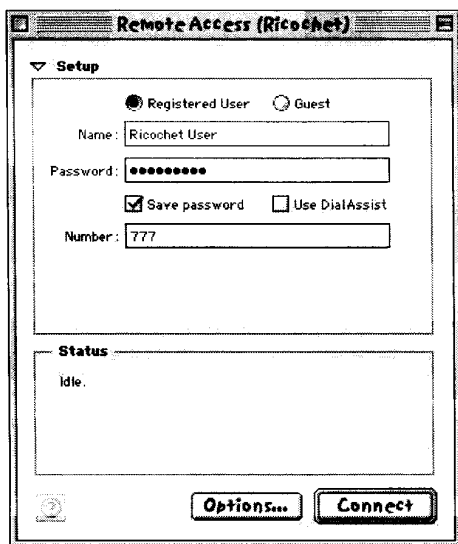
6. Open the **AppleTalk Control Panel**.

7. For "Connect via:" select **Remote Only**, close the Control Panel to save your changes.

8. Open the **TCP/IP Control Panel**.

9. For "Connect Via:" select **PPP**. For "Con-figure" select **Using PPP Server**. For "Name Server Addr" add **168.253.48.19, 198.6.1.1**. For "Additional Search Domains," type **ricochet.net**.

Mac

Configuring Apple Remote Access (Macintosh)

1. Open the **Remote Access Control Panel.**

2. Click the arrow next to the word "Setup" so that **Name, Password,** and **Number** are displayed.

3. In the "Name" field, type **Ricochet.**

4. In the "Password" field, type **ricochet.**

5. In the "Number" field, type **222.**

6. Click **Options**

7. Click the **Protocol** tab.

8. For "Use Protocol," select **PPP.**

9. Click **OK** to accept the changes.

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