

Rogers Connection Manager for Mac OS X

User Guide

About this guide

Your Sony Ericsson MD400g together with Rogers Connection Manager for Mac OS from nova media Mobile Data Solutions provides Internet connectivity, text messaging and GPS features on your Mac OS X system.

This guide describes how to use Rogers Connection Manager for Mac OS.

Note:

Be sure to read all safety guidelines in your *MD400g User Guide* before using your Mobile Broadband Modem. This guide also informs you whether your Mobile Broadband Modem has a GPS receiver. It is available at www.sonyericsson.com/support

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Installing Rogers Connection Manager

System Requirements

- Mac OS 10.4.11 or higher; 10.5.5 or higher
- Minimum 1GHz processor clock speed
- High Power USB port (for Mobile Broadband USB Modem connection)

Note:

These minimum requirements may change over time. For latest information see www.novamedia.de/rogers

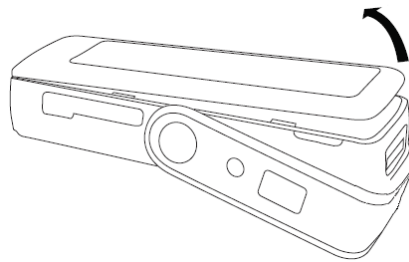
Preparing your Mobile Broadband Modem



Before you install Connection Manager, insert your SIM card in to your Mobile Broadband Modem. Make sure that the services you require are included on your SIM card subscription.

To insert the SIM card (MD400g)

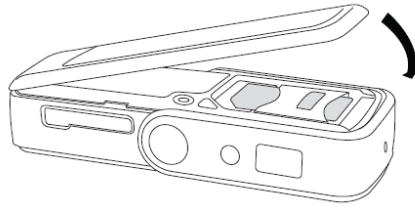
1. Remove the bottom cover from the MD400g.



2. Insert the SIM card into the MD400g. Make sure the gold contacts on the SIM card are facing towards the MD400g and the angled corner (A) of the SIM card is placed toward the MD400g as shown.



3. Replace bottom cover.



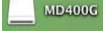
Software Installation

You can find the Connection Manager application in one of the following locations:

- Plug in the MD400g and open the MD400g flash drive that appears on your desktop; the application is in the OS X folder.
- As a download from www.novamedia.de/rogers

The installer is supplied as a disk image (DMG) file. The filename typically includes the version number, like *ConnectionManager-1.9.0.1.dmg*. You may find it useful to save a copy on your hard drive, as it is required to uninstall Connection Manager.

To install Connection Manager from the MD400g

1. Plug in the MD400g. The flash drive, for example, **MD400g**,  appears on your desktop. Double-click it to open the Finder.
2. Select the **OS X** folder.
3. Open the installer file, for example *ConnectionManager-1.9.0.1.dmg*. Finder opens to display the installer options.
4. Double-click the **Rogers Connection Manager** icon to start the installer.
5. Follow the on-screen steps to install Connection Manager.

Important!

You must enter your password when you are prompted during the install procedure.

6. At the end of the installation when you are asked to restart, unplug the Mobile Broadband Modem.
7. Click **Restart** to restart your Mac.

To install Connection Manager from download

1. Make sure the Mobile Broadband Modem is not connected to your Mac.
2. Download the installer from www.novamedia.de/rogers
3. Open the installer file, for example *ConnectionManager-1.9.0.1.dmg*. Finder opens to display the installer options.
4. Double-click the **Rogers Connection Manager** icon to start the installer.
5. Follow the on-screen steps to install Connection Manager.

Important!


You must enter your password when you are prompted during the install procedure.

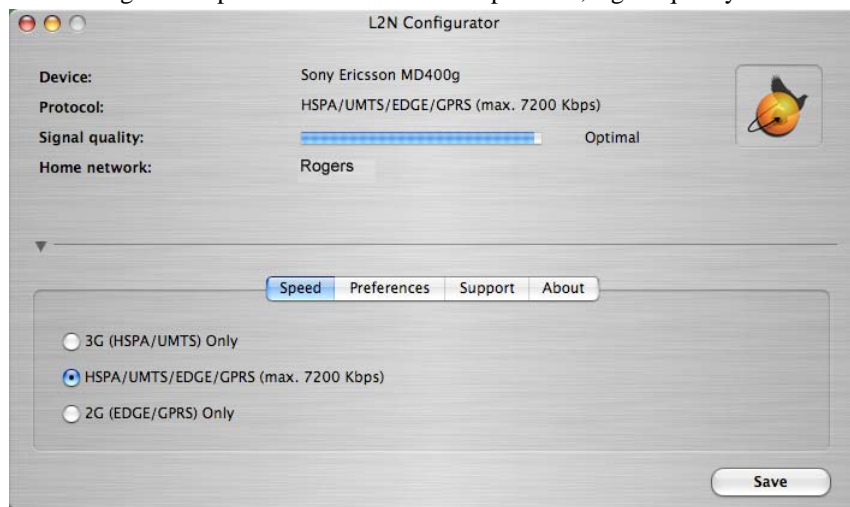
6. Click **Restart** to restart your Mac.

Initial Configuration

The first time you use your Mobile Broadband Modem, Connection Manager automatically configures the parameters that are required to make an internet connection.

To configure Connection Manager automatically

1. Plug in your Mobile Broadband Modem. Connection Manager opens automatically.
Or, if the modem is already plugged in,
Click the **Connection Manager** icon  in the Dock.
2. Connection Manager main window opens. Wait for it to read the SIM and check signal strength.
3. The L2N Configurator opens. Wait for it to check protocol, signal quality and home network..



4. Click **Save** to save the configuration. Connection Manager is now ready to use.

To manually configure a connection

Please refer to *To manually select an alternative setting* on page 19.

Activation

Connection Manager installs as a demo version. In demo mode, you can make up to 10 connections. Each connection is limited to 5 minutes in duration or 5 MBytes data download.

For unlimited use, you must activate Connection Manager. Activation is free of charge and does not require any personal data such as your e-mail address. Connection Manager will tell you when activation is necessary, or you can activate it immediately.

To activate your copy of Connection Manager


1. Select **Help** → **Activate...** from the menu bar. An activation dialog box is displayed.

2. Click **Connect** in the activation dialog box. Connection Manager connects to the Internet and a Privacy Statement is displayed.
3. Click **Activate**.
4. Click **OK**.

Using Connection Manager

Starting Connection Manager

To start Connection Manager

1. Connect your Mobile Broadband Modem. Connection Manager starts automatically or, if the modem is already plugged in, Click the **Connection Manager** icon  in the dock.
2. If SIM lock is set on your SIM card, enter the PIN number and click **OK**.
You are allowed three attempts to enter the correct PIN. If you fail to enter the SIM card PIN correctly, you are blocked from accessing the SIM card. Contact your network operator for your Personal Unblocking Key (PUK). Enter the PUK code into the **PUK Number** field and then enter a new PIN code and verify it.
3. Connection Manager searches for service and, after a short delay, displays the mobile operator name and signal strength.

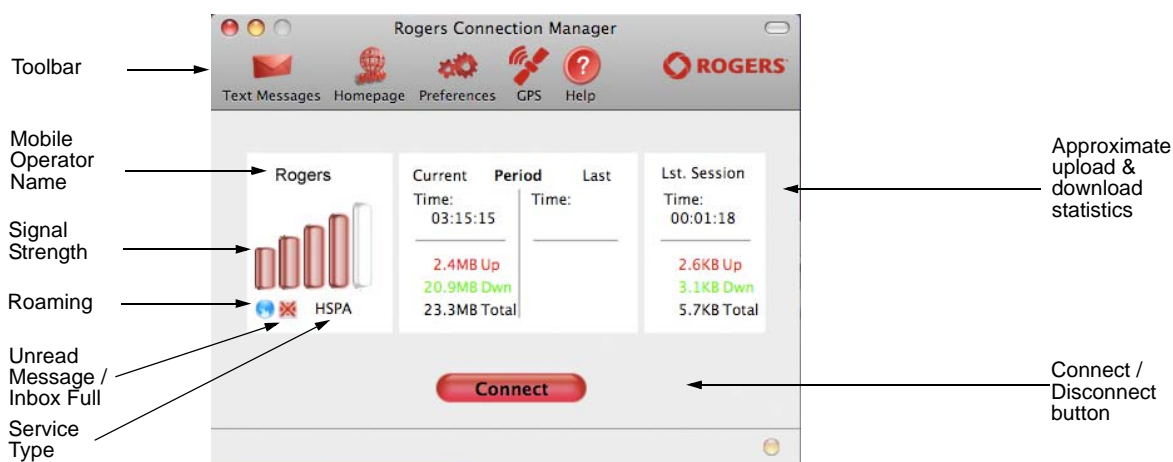
Note:

The very first time you start Connection Manager, the L2N configurator will run to automatically configure your connection. See *Initial Configuration* on page 3 for more information.






Connection Manager Status Window

When you start Connection Manager, the Status window is displayed. This window provides the most important status information and allows you to connect and disconnect.

Features and Navigation



Toolbar

Button	Description
 Text Messages	Opens the Text Messages window. Use the Text Messages window to view and manage your SMS messages. For more information about the Text Messages window, see <i>Text Messages</i> on page 10.
 Homepage	Opens your web browser. In Preferences, you can change the homepage URL and enable/disable display of the homepage when you connect. See <i>Homepage</i> on page 18.
 Preferences	Opens the Preferences window. For more information see <i>Connection Manager Preferences</i> on page 16.
 GPS	Opens the GPS window This button is present for Mobile Broadband Modems, such as the MD400g, which contain a GPS receiver. See <i>Open the GPS Main window</i> on page 23.
 Help	Opens the User Guide (this document)

Connect/Disconnect Button

To make a connection

Click **Connect**. Once connected, Connection Manager starts a timer showing the duration of the connection and displays the approximate volume of data downloaded and uploaded.

Important!

Connection Manager installs as a Demo version which can make 10 connections of up to 5 minutes or 5 MBytes. When you are prompted, please click **Activate** to activate Connection Manager for unlimited connection. Activation is free of charge - see *Activation* on page 3 for more information.

Note:




You can instruct Connection Manager to automatically connect when it is started — see *Advanced* on page 18.

To disconnect a connection

Click the **Disconnect** button in the Connection Manager Status window.

Status Information

The following information is displayed in the Status window:

- Network operator name.
- Signal strength.
- Type of service available (HSPA, 3G, EDGE, 2G).
- Roaming Indicator, 
- Unread messages indicator, 
- Text message Inbox full indicator, 

Connection Statistics

Using Connection Manager to monitor your data and time usage is very convenient. You view the statistics of the current session (i.e. data of the current connection), the current period and the last period. You can define the length of a period in the preferences. See *Statistics* on page 18.

Important!

All data statistics information displayed in Connection Manager is approximate, and you cannot rely upon its accuracy. Your mobile operator maintains accurate data for billing.

Disconnected

Connection Manager displays:

- Summary data for the current period. By default this is all data since you installed Connection Manager.
- Summary data for the last period, if you have set the period duration in Preferences.
- Summary data for the last connection.

Connected


Connection Manager displays:

- A real-time graph showing approximate data throughput
- Total data volume for the current session
- Duration of the current connection

Note:

You can switch between the connected and the disconnected view by clicking on the graph or data summary area of the Connection Manager Status window.

Menu Bar Icon

When you enable **Show status in menu bar** in **Preferences ➔ Advanced** (See *Advanced* on page 18), a symbol  in the menu bar allows you to access the main Connection Manager operations:

Connect/Disconnect

Make or end a connection.

Show time/status

Select which information and events you wish to see displayed from the menu bar.


Configure...

Opens the L2N Configurator, see *L2N Configurator* on page 18 for more information.

Open Connection Manager...

Open the main Connection Manager window.


Menu Bar Information

When a connection is in progress, the connection duration is shown next to the Connection Manager icon . You can turn this on and off by checking or un-checking **Show time connected** in the menu.

Unplugging your Sony Ericsson Mobile Broadband Modem

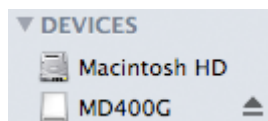
You must correctly shut down your Mobile Broadband Modem before you attempt to remove it. This ensures that your Mobile Broadband Modem is safely removed.

To remove your Mobile Broadband Modem

1. Click **Disconnect** to end any active connection.
2. Click **Rogers Connection Manager** → **Quit Rogers Connection Manager** to exit Connection Manager.
3. In Finder, locate your Mobile Broadband Modem under DEVICES and click the Eject button, .

Or

Ctrl-Click on the Mobile Broadband Modem and select **Eject**.



4. Unplug your Mobile Broadband Modem.

Text Messages

Connection Manager allows you to send, receive, answer and forward text messages. Connection Manager is integrated with the Mac OS Address Book so that you can easily send text messages to your contacts. You can send a text message to up to ten contacts. You can send long text messages as Connection Manager supports concatenation of up to ten message blocks.

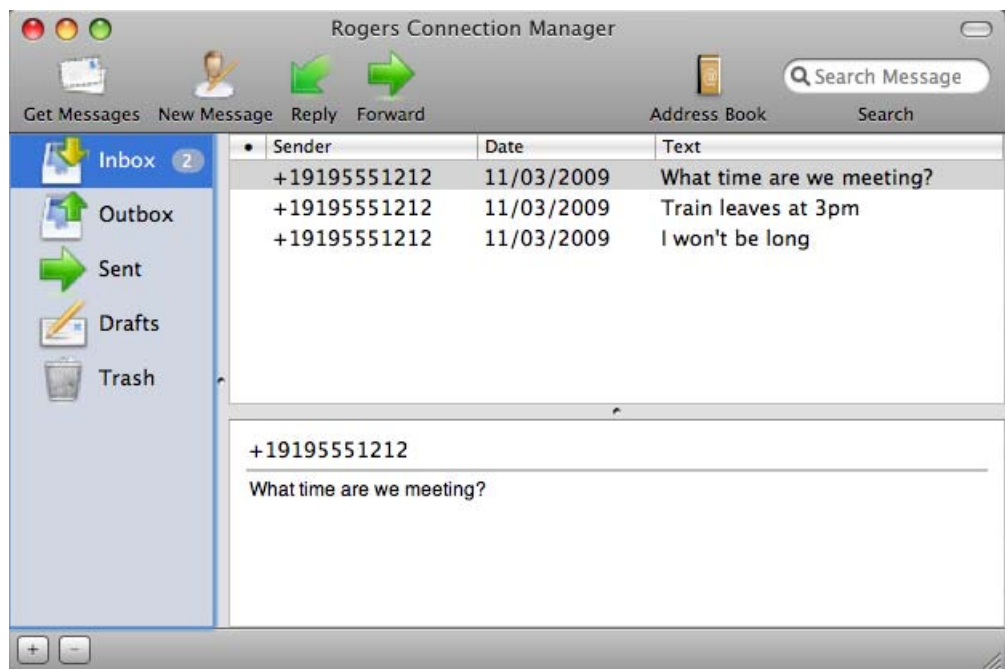
To open the text messages window

- Click  on the main Connection Manager window.

Or







- Select **Rogers Connection Manager** ➔ **Text messages** in the menu bar.

Text Messages Window




Text Message Folders

Text messages are stored in these mailbox folders. You can also define your own folders. You can drag and drop messages between these folders.


Folder	Description
 Inbox	<p>Select this folder to display incoming text messages.</p> <p>When the Inbox is full,  is displayed in the Connection Manager Status Window. You must delete some text messages. This will free storage space in the Inbox so you can continue to receive new text messages from the network.</p>
 Outbox	<p>When you send a text message, it is stored here until it can be sent.</p>
 Sent	<p>The Sent folder contains a copy of each text message you send.</p>
 Drafts	<p>Messages that you have saved as Draft are stored in this folder.</p>
 Trash	<p>If you delete a message from any of the other mailboxes, it is moved to Trash.</p>

Reading Text Messages


To read text messages

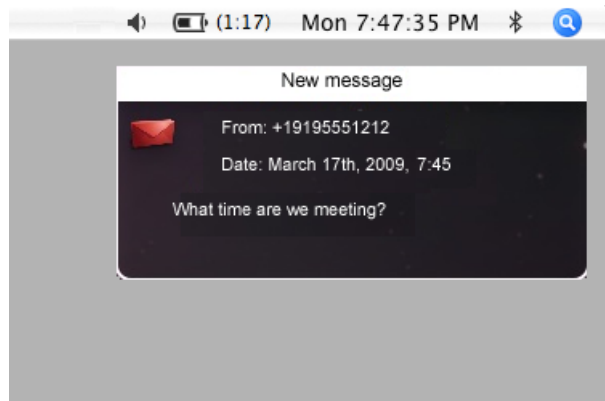
1. Open the Text Messages window.
2. Click on the Inbox . Received messages are listed.
3. Select the required message.

Note:

Connection Manager checks the Mobile Broadband Modem for new text messages every 60 seconds. You can click **Get Messages**  to do an immediate check.

New Message Indication

When a new message is received, a new message icon  is displayed on the Connection Manager Status Window. A new window will briefly appear on your desktop, displaying the sender and part of the message text.




Creating and sending text messages

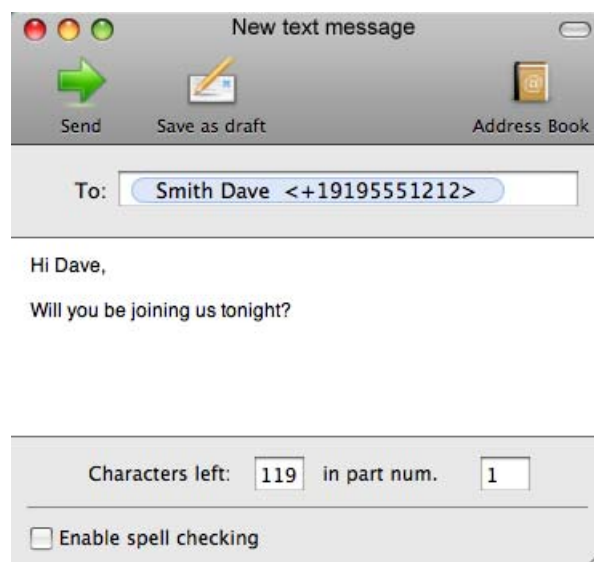
Note:

To send a message make sure that:

- You have network coverage.
- The Inbox is not full.

To send a text message

1. Open the Text Messages window.
2. Select **New Message** . A new window appears.





3. Enter the recipients in the **To** field. You can either:
 - Type the number. Press the **Enter** key to type in another recipient's number.
 Or

- Enter the first characters of the first or last name. Connection Manager displays matching contacts from the Mac Address Book. Select the required contact and press the **Enter** key. You can now enter a further name if required.

Note:



To delete a recipient, click to highlight it and press the **Backspace** or **Delete** key.

4. Enter your message.
5. Click **Save as draft**  if you want to store a copy of the message in the Drafts folder and send it later.
6. Click **Send** .



Note:

If you use special characters in your message, the format of your message will be adjusted to accommodate them. This conversion reduces the number of characters you can use in a single SMS, so your message may use more SMS blocks.



To reply to a text message

1. Select the required text message in the Inbox.
2. Click **Reply** .
3. If required, add extra recipients.
4. Enter your message.
5. Click **Send** .

To forward a text message

1. Select the required text message in the Inbox.
2. Click **Forward** .
3. Enter the recipients
4. If required, edit the message.
5. Click **Send** .

To send a draft text message

1. Double-click the required text message in the Drafts mailbox .
2. Edit the recipient(s) and message as required.
3. Click **Send** .

Managing text messages

To delete a text message

1. Select the required mailbox, for example Inbox.

2. Select the required message. You can use **Shift** and **cmd** to select multiple messages.
3. Press the **Backspace** or **Delete** key on the keyboard.

Or

Select **Edit** ➔ **Delete**.

To empty the trash

Delete the text messages in the Trash folder.


Or

Select **Edit** ➔ **Empty Trash**.

To sort your text messages


1. Select the required mailbox, for example Inbox.
2. Click the column heading that you want to use to sort the messages.

To add a new mailbox folder

1. Click on the  button.
2. Type the name of your mailbox folder.
3. Drag and drop the required messages in to your new folder.

To delete a mailbox folder

You may only delete mailbox folders that you have added.


1. Select the required folder.
2. Click the  button.

Connection Manager Preferences

The Preferences window allows you to view and change the settings and preferences for Connection Manager.

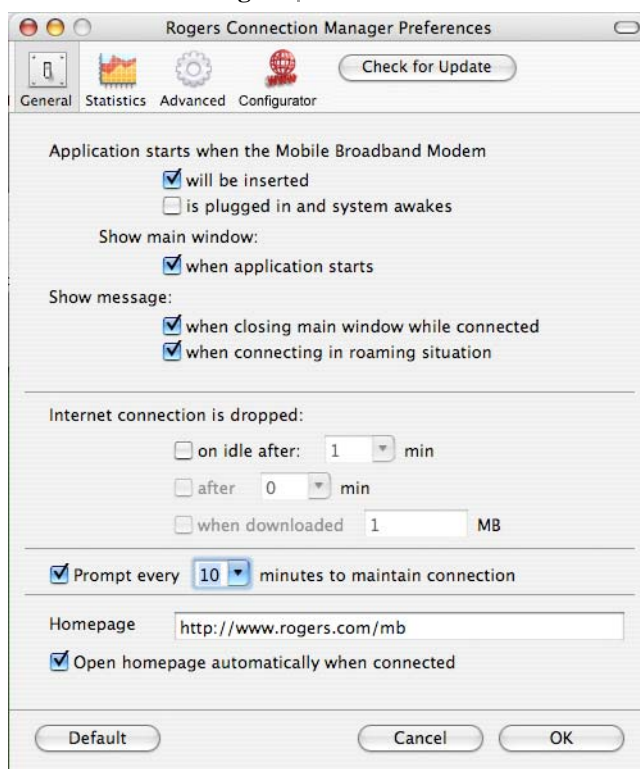
The L2N Configurator is a separate tool which manages network settings.

To view and change the Preferences for your Sony Ericsson Mobile Broadband Modem

1. Start Connection Manager.
2. Click the **Preferences** button .

Or

Select **Rogers Connection Manager** ➔ **Preferences...** The Preferences window opens.



Preferences are divided in to three areas. Use the buttons to select the required preferences:

- General
- Statistics
- Advanced

The settings you have selected are displayed in the panel below.

Click **OK** to save settings and close the window. Click **Cancel** to close the Settings window.

Click **Default** to change the settings back to the default values when Connection Manager was installed.

General

Connection Manager Application Preferences

Connection Manager can detect your Mobile Broadband Modem and start automatically:

- Check **will be inserted** to start Connection Manager automatically when you connect your Mobile Broadband Modem.
- Check **is plugged in and system awakes** to start Connection Manager automatically when your Mac awakes from sleep mode and your Mobile Broadband Modem is plugged in.

By default, the main window is displayed when Connection Manager starts. You can suppress this by un-checking **Show main window when application starts**. This setting can be especially useful where you have selected advanced option **Automatically establish connection** or **Show status in menu bar**.

Note:

Click the **Connection Manager** icon  in the Dock to display the main window.

Warning Messages

You can enable or disable warning messages:

If you close the main window or quit with **When closing main window while connected** checked, Connection Manager will ask you if you wish to stay connected or disconnect. If this option is un-checked, Connection Manager closes and leaves the connection active.

By default, Connection Manager warns you if you connect while roaming on a foreign network. Un-check **when connecting in roaming situation** to switch off this warning, or check it to enable the warning.

Internet connection

Connection Manager can automatically disconnect your internet connection for you. This is especially useful when you are roaming.

- **On Idle** - If no data is downloaded or uploaded for the specified number of minutes, the connection is terminated.

Note:

On idle depends on zero data flow during the specified period. In practice, small amounts of data often flow, which re-sets the timer. **After** is a better method if you want to be sure the connection terminates.

- **After** - the connection is automatically terminated after the specified number of minutes, even if it is in use.
- **When downloaded** - the connection is terminated after the specified number of Mbytes has been downloaded

Note:

This setting is based on an approximate data volume. The setting is per connection; it is not accumulated across connections.

- **Prompt every (10) minutes to maintain connection** - Connection Manager will ask you if you wish to remain connected. If you do nothing, Connection Manager will terminate the connection.

Homepage

The Homepage URL is opened when you click the Homepage button on the main window.

If you check **Open homepage automatically when connected**, the URL is also opened when you connect.

Note:

Your URL should begin http://

Statistics

Here you can set the period over which approximate summary statistics are collected.

Important!


All data statistics information displayed in Connection Manager is approximate, and you cannot rely upon its accuracy. Your mobile operator maintains accurate data for billing.

- You can track monthly use by selecting the day of the month on which a new period starts.
- You can define other periods of days or months starting at a date that you specify.
- No Period (default) means that all data is accumulated in the current period.

Advanced

Check **Automatically establish connection** if you want the connection to be made automatically when Connection Manager is started.

Check **Show window always on top** if you want the Connection Manager main window to remain displayed on top of other windows.

Check **Show status in menu bar** to add summary information and basic controls to the Mac OS menu bar. The symbol  appears in the menu bar. See *Menu Bar Information* on page 8 for more information.

Check for update

Click **Check for update** to see if a newer version of Connection Manager is available. A web page will open in your web browser.

L2N Configurator

The L2N Configurator has the following functions:

- Automatically or manually set the connection parameters.

- Select Automatic, 3G-only or 2G-only network preferences.
- When roaming, manually select a mobile network.
- Store your SIM PIN to automatically unlock the SIM.
- View support information.

The L2N Configurator is run automatically the first time you start Connection Manager.

To open the L2N Configurator

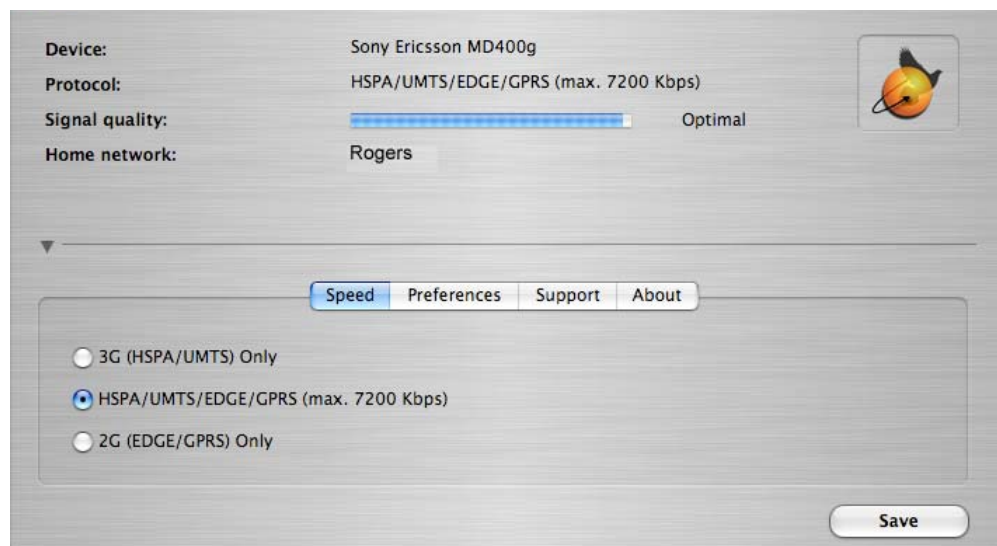
1. Select **Configuration** ➔ **Configuration**. The Setting and Network dialog box shows the current settings. Select **Change**.

Or

In Preferences, click **Configurator** .

Note:

You must first disconnect any connection and also close the text messages window in order to open the L2N Configurator.



To automatically set connection parameters

1. Open the L2N Configurator. Wait for it to check protocol, signal quality and home network.
2. Click **Save**.

To manually select an alternative setting

Sometimes your mobile operator has more than one connection setting. For example, you may need to use a different connection if you use VPN software on your Mac. To select an alternative connection:

1. Open the L2N Configurator. Wait for it to check protocol, signal quality and home network.
2. Click **Preferences**.
3. Check **Select operator manually**.
4. Select your country from the list.

5. Select your mobile operator from the list.
6. Select the required connection. **Standard** is typically the ordinary Internet connection that is selected automatically.
7. Click **OK**.
8. Click **Save**.

To manually enter a private APN setting

If your company has a special APN (Access Point Name) for private networking, you must enter it in to Connection Manager. You can also use this procedure to enter any mobile operator setting that is not present in Connection Manager's database.

1. Open the L2N Configurator. Wait for it to check protocol, signal quality and home network.
2. Click **Preferences**.
3. Check the **Custom settings** box and click **Edit**.
4. Enter the connection information in the form that opens.

Note:

User ID and Password are often left blank for mobile operator Internet services

DNS1 and DNS2 may be left at 000.000.000.000 for automatic DNS allocation

5. Click **Save**. The data entry form closes.
6. Click **Save**. The L2N Configurator closes. Connection Manager is now configured.

To manually select a network when roaming

Your mobile operator normally pre-configures your SIM card so that your Mobile Broadband Modem selects the most appropriate partner network for the country in which you are roaming. In some cases, you may need to manually select the roaming operator.

Note:

This setting is not accessible when you are on your home network.

1. Open the L2N Configurator. Active network shows the current mobile network on which your Mobile Broadband Modem is roaming.
2. Click on the Active network name and select **Manual selection**. Connection Manager scans for available networks. The scan can take up to 5 minutes. The available operators are listed.
3. Select the required mobile operator from the list, or select **Refresh** if you need to scan again.
4. Select **Save**. The save operation can take up to 2 minutes.

Note:

The **Select operator manually** check-box in the Preferences tab is for selection of connection settings. You do not need to change your connection settings when you are roaming.

To select preferred network type

Your Mobile Broadband Modem will normally use a 3G (HSPA/UMTS) network where one is available and only switch to 2G (EDGE/GPRS) when necessary. In some cases you may prefer to use 3G or 2G only, for example if you can only roam on 2G networks, or if you are in a poor 3G coverage area and want to prevent the Mobile Broadband Modem switching between 2G and 3G.

1. Open the L2N Configurator. Wait for it to check protocol, signal quality and home network.

2. Select the required network type. L2N Configurator checks protocol.

Preference	Description
HSPA/UMTS/ EDGE/GPRS	Use a 3G network where one is available; switch to 2G when no 3G is available. While on 3G, HSPA will be automatically used whenever possible. This is the recommended setting.
3G (HSPA/UMTS) Only	The Mobile Broadband Modem will only use 3G, including HSPA where available. If you go out of 3G coverage, the Mobile Broadband Modem will not switch to 2G. It will go in to search mode until 3G coverage is found.
2G (EDGE/GPRS) only	The Mobile Broadband Modem will use only 2G service. Your connection will operate over GPRS or, where available, EDGE.

3. Select **Save**.

Note:

Your new setting is saved as a new configuration. You can quickly switch between configurations using the Configuration menu in the menu bar.

To save your SIM PIN

Some SIM cards are protected with a Personal Identity Number (PIN) at the time of purchase. You can store the PIN in Connection Manager so that it is automatically sent to your SIM when you plug in your Mobile Broadband Modem.

1. Open the L2N Configurator.
2. Select **Preferences**.
3. Check **Sending PIN automatically**.
4. Enter your PIN code and click **OK**.
5. Click **Save**.

Global Positioning System (GPS)

Some Sony Ericsson Mobile Broadband Modems, such as the MD400g, contain a Global Positioning System (GPS) receiver. Consult your *Mobile Broadband User Guide* to determine if it has a GPS receiver.

GPS is a satellite-based navigation system made up of a network of 32 satellites orbiting the Earth. The satellites are placed in predetermined orbital planes designed to give full global coverage 24 hours a day. Each satellite contains an atomic clock and continuously sends out time-stamped messages. The satellites are synchronized so that the position messages that they send out, are transmitted at effectively the same instant. The messages travel at the speed of light and therefore arrive at the GPS receiver at different times depending on distance from each visible satellite.

The GPS receiver calculates its position based on the time of arrival of these messages. The principle is that if you know your distance from several known locations, you can calculate your own location. Theoretically, a direct view of three satellites is sufficient to locate a position on the earth, however four are necessary in practice to get an accurate latitude, longitude and altitude.

Note:

Removing power from your GPS receiver, e.g. when your Mac enters Sleep mode, will affect the GPS receiver's ability to perform a 'hot start.'

The data that the GPS receiver provides, is in National Marine Electronics Association (NMEA 0183) format. This format is commonly understood by GPS-enabled applications.

Standalone GPS

When operating in 'Standalone' mode also known as 'Unassisted' mode, the GPS receiver downloads the data stream directly from orbiting satellites. It is best if the GPS receiver has a clear line of sight to the satellites; weather and motion can also be of significance. If the signal is interrupted while the receiver is trying to locate the current position, it has to start again.

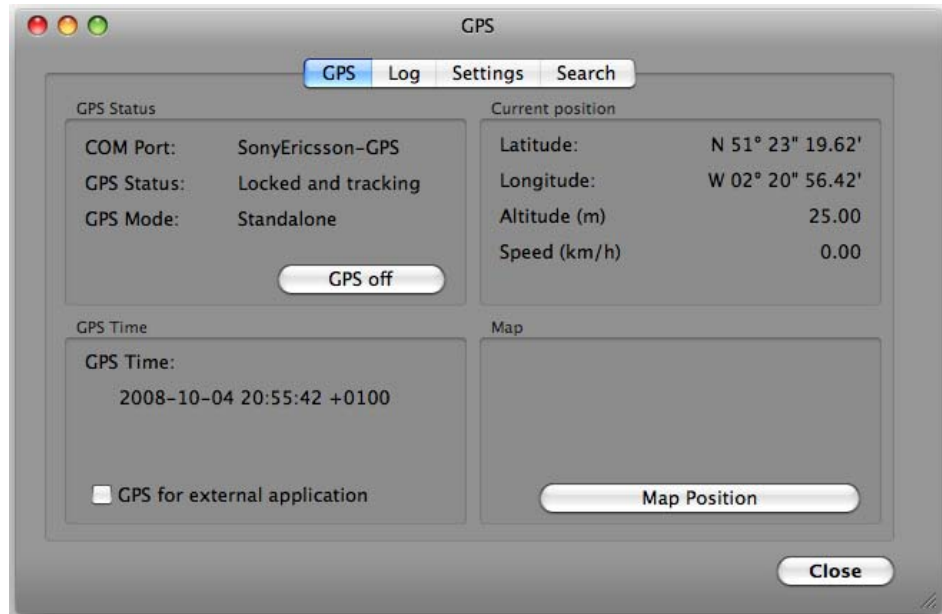
Once a fix has been obtained, the GPS receiver is able to gather and store information about the orbit of the satellites. If the GPS receiver is turned off and then turned on again within about 2 hours of this last fix, the stored information can be used to compute the current position more quickly - as fast as 10 seconds. This is known as the 'Time to First Fix' or TTFF - the time required from switching on the GPS receiver to locating or 'fixing' the current position. When this orbit data is available, the receiver is able to make a 'hot start'

If the orbit data is too old or unavailable, then the receiver must collect all data afresh. This is called a 'cold start'. In good conditions (clear, uninterrupted view of the sky) the GPS receiver takes about 50 seconds to locate the position.

From the GPS Window

Open the GPS Main window

From the menu bar select **Rogers Connection Manager** ➔ **GPS**. The GPS window opens.



The GPS window displays GPS Status, Current Position and GPS Time. You can also launch an Internet mapping service to view your position.

Feature		Description
GPS Status	Com Port	Displays the COM port name: <i>Sony Ericsson GPS Port</i> . GPS-enabled applications can read the NMEA data from this port.
	GPS Status	Displays GPS receiver status. <ul style="list-style-type: none">Off—GPS is not enabledSearching—GPS is searching for satellitesLocked and Tracking—GPS has located position and is tracking movement
	GPS Mode	Displays the current GPS mode. <ul style="list-style-type: none">Disabled—GPS off.Standalone—This mode reads data directly from satellites for computations.
	GPS On/Off	Indicates whether the GPS is on or off. Clicking on this button will turn the GPS receiver on and off.
Current Position	Latitude	Displays the latitude of the current position expressed in degrees and minutes and seconds of a degree.
	Longitude	Displays the longitude of the current position expressed in degrees and minutes and seconds of a degree.
	Altitude	Displays the altitude (in meters or feet) of the current position.
	Speed	Displays the current speed (in km/h or mph).

Feature		Description
GPS Time	GPS Time	Displays the current GPS time.
Map	Map Current Position	Click to open the configured mapping service at your present location.
Close		Closes the GPS window.

Note:

When your GPS receiver is turned off, or when it has temporarily lost the GPS satellite signal, the Current Position will continue to display the last good position reported by the GPS receiver.

Turn the GPS receiver on or off

To turn the GPS receiver on or off, click the GPS On/Off button located in the GPS Status area of the GPS window.

Map your current position

Click **Map Current Position**. The configured Internet mapping service opens to show your current location. You must be connected to the Internet to use this feature.

The Internet mapping service is configured in Settings. See the Settings Tab.

Log Tab

Click the **Log** tab. The Log tab displays.

The Log tab displays the NMEA 0183 data stream from the GPS receiver.

Button	Description
Save	Saves the NMEA Log to a file.
Clear	Clears the NMEA Log stream.

Save the NMEA Log

To Save the NMEA log,

1. Click **Save**, the Save window opens.
2. Enter a file name and select a folder.
3. Click **Save**.

Clear the NMEA Log

To clear the NMEA log, click **Clear**, the NMEA log display clears. If GPS is enabled, the display starts to fill again.

Settings Tab

View Settings information

Click the **Settings** tab. The Settings tab displays.

Feature		Description
Display Unit	Imperial	Displays the units of measure in feet and miles per hour.
	Metric	Displays the units of measure in meters and kilometers per hour.
Google™ URL	http://	Text entry field to modify the Google™ URL for your location. The default settings is maps.google.com

Configure the Internet mapping service

Connection Manager is pre-configured to use Google Maps™ as the Internet mapping service. You can change the Google Maps URL to select a localized version for a range of countries.

By default (Google URL left blank), Google Maps™ is accessed using http://maps.google.com. If an alternative country-specific URL (e.g., maps.google.es) is entered, it is used instead. Please note that the feature is specific to Google Maps; entering the URL of an alternative service such as Yahoo™ does not work

Here is a table of localized Google Maps™ URLs at the time of writing. Some of these are in beta state. Check your local Google homepage for further information and updates.

Enter the Google Maps™ URL for your country in the Google Maps URL field.

Country	Google Maps™ URL
Australia	maps.google.co.au
Austria	maps.google.at
Belgium	maps.google.be
Brazil	maps.google.com.br
Canada	maps.google.ca
China	ditu.google.cn
Czech Republic	maps.google.cz
Denmark	maps.google.dk
Finland	maps.google.fi
France	maps.google.fr
Germany	maps.google.de
Italy	maps.google.it
Japan	maps.google.co.jp
Netherlands	maps.google.nl
New Zealand	maps.google.co.nz
Norway	maps.google.no

Country	Google Maps™ URL
Poland	maps.google.pl
Russia	maps.google.ru
Spain	maps.google.es
Sweden	maps.google.se
Switzerland	maps.google.ch
Taiwan	maps.google.com.tw
United Kingdom	maps.google.co.uk
United States	maps.google.com

Search Tab

The Search tab allows you to search for services in your area.

Click the **Search** tab. The Search tab displays.

Feature	Description
Search Criteria	Text entry field to enter your own search criteria. The list contains search criteria such as restaurants, banks, gas stations, etc.

View a service

To view a service,

1. Select the required service in the Search Criteria list
2. Click **Show on Map**.

The Internet mapping service opens in your browser and displays the search results. You must be connected to the Internet.

Use your own search term

To search for something that is not contained in the Search Criteria list,

1. Click in the Other search term entry box and type the desired service.
2. Click **Show on Map**.

The Internet mapping service opens in your browser and displays the search results. You must be connected to the Internet.

Using the GPS receiver with GPS-enabled applications

GPS data is provided over the *Sony Ericsson GPS Port*. To link a third-party GPS-enabled application to your GPS receiver, you may need to access the application settings and select the COM port name.

In addition to the COM port name, you may also need to select the data format in your application's settings. You should select "Generic NMEA", "NMEA 2.0", or a similar choice.

Note:

The *SonyEricsson-GPS port* is a virtual COM port, meaning that it looks like a serial communications port, but is implemented in software. Therefore, the other COM port settings, such as baud rate and parity, are not significant and you should leave your application's settings to any default values it chooses.

To use an external application with GPS

1. Turn on the GPS receiver
2. Check **GPS for external application**
3. Start the GPS-enabled application
4. Connect it to the *SonyEricsson-GPS Port*

When finished with the GPS-enabled application

1. Disconnect the application from the *SonyEricsson-GPS Port*
2. Close the application
3. Clear **GPS for external application**
4. Switch off the GPS receiver

Note:

The Connection Manager GPS window is disabled whilst **GPS for external application** is checked.

Troubleshooting and Support

This section provides some troubleshooting tips, the uninstall procedure and tells you how to get technical support for Rogers Connection Manager for Mac OS.

Troubleshooting

Multi-User

In general: Connection Manager is not Multi-User compatible. You can install Connection Manager for a normal user, but you need an administrator password to install it.

Error Message: A modem can not be found:

1. Disconnect the Mobile Broadband Modem. Insert the Mobile Broadband Modem again and wait for 20 seconds, then run Connection Manager again.
2. Make sure you have not installed any other drivers or software which access the Mobile Broadband Modem. In case, disconnect the Mobile Broadband Modem and uninstall this software.
3. Uninstall Connection Manager then restart. Now install Connection Manager and restart again. Reconnect the device and run Connection Manager.

Unplugging your MD400g

Always hold the body of your MD400g when unplugging from your computer or USB cable. Do not hold the antenna.

Firmware version

To find the firmware version on your Mobile Broadband Modem:

1. Open the L2N Configurator
2. Select Support
3. Modem model and firmware version is displayed.

Software Uninstallation

To uninstall Connection Manager, you will need the installer, which can be found in one of the following locations:

- In the OS X folder of the flash memory drive built in to the MD400g
- As a download from www.novamedia.de/rogers
- You may also have saved the installer on your hard drive

The installer is supplied as a disk image (DMG) file. The filename typically includes the version number, like *ConnectionManager-1.9.0.1.dmg*

To uninstall Connection Manager

1. Click **Disconnect** to end any active connection.
2. Click **Rogers Connection Manager** → **Quit Rogers Connection Manager** to exit Connection Manager.
3. Unplug your Mobile Broadband Modem.
4. Locate and open the Connection Manager DMG file, for example locate it using Finder and double-click to open. A virtual disk drive called *Rogers Connection Manager* appears on your desktop and Finder opens its contents.
5. Double-click the **Uninstall Rogers Connection Manager** icon to start the uninstallation process
6. Follow the on-screen instructions

Support

Support for Connection Manager is provided by nova media. You can find information and submit a problem to nova media at www.novamedia.de/rogers

Connection Manager has built-in diagnostics. If you need to submit a technical report request, please try first via the support info feature.

To submit a problem report using Connection Manager

1. Select **Help** → **Support Info**
 2. Describe the problem that you are experiencing. Useful information includes:
 - What you expected to happen and what actually happened.
 - Is this the very first time you are installing and using Connection Manager - has the feature worked before?
 - Your mobile operator name.
 - Does your SIM card work in another device, such as a mobile phone?
 3. Click **Send** to submit the report to nova media via e-mail
- Or
- Click **Save** to save the log.