



# Tech Info Library

## GeoPort & Express Modem Updater 3.1.1 Read Me (2/97)

Article Created: 27 February 1997

TOPIC -----

This article is the GeoPort & Express Modem Updater 3.1.1 ReadMe file.

DISCUSSION -----

Your package includes a software updater for use with the following configurations:

GeoPort Telecom Adapter and one of the following Macintosh models:

- Performa 6360 and all PowerPC processor-based Macintosh and Performa models, except Power Macintosh and Performa 5200, 5300, 6200, 6300 series

GeoPort Telecom Adapter II and one of the following Macintosh models:

- Performa 6360 and all PowerPC processor-based Macintosh and Performa models, except Power Macintosh and Performa 5200, 5300, 6200, 6300 series

GeoPort Internal Modem and one of the following computers:

- Performa 5400 series, 6400 series, and 6360

### IMPORTANT:

To use the GeoPort Telecom Adapter II in the United States, Canada, or Japan, version 3.1 or later of Apple Telecom Software is required. To use the GeoPort Telecom Adapter II in all other countries or GeoPort Internal Modem in all countries, version 3.0 or later of Apple Telecom is required. To use the original GeoPort Telecom Adapter with the Power Macintosh 7200 series, 7500 series, 7600 series, 8500 series, and 9500 series, version 3.0 or later of Apple Telecom Software is recommended.

Apple PowerBook Duo 14.4 Modem (internal) and one of the following Macintosh models:

- PowerBook Duo 2300c

Apple PowerBook Express Modem II Card (internal) and one of the following Macintosh models:

- PowerBook 520, 520c, 540, 540c (with a PowerPC processor upgrade)

Note: Some models are not available in all geographic areas.

For the remainder of this document, the term GeoPort Telecom Adapter refers to all GeoPort products: GeoPort Telecom Adapter, GeoPort Telecom Adapter II, and GeoPort Internal Modem.

What this update provides

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For Power Macintosh users with GeoPort Telecom Adapter

This update provides support for V.34 protocols, which allow data transfer at speeds up to 33.6 Kbps. Depending on line conditions and the capabilities of the remote modem, your connection speeds may be lower. Common data transfer speeds will be between 16.8 Kbps and 24 Kbps, although they may be higher or lower.

For Express Modem users

This update provides software improvements, but does not provide any speed increase to the Express Modem. For System 7.5.5 users, it is recommended that you install this update.

LocalTalk compatibility with GeoPort Telecom Adapter

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If you are using a GeoPort Telecom Adapter on a Power Macintosh 7200 series, 7500 series, 7600 series, 8200 series, 8500 series, or 9500 series, you must disable LocalTalk. To do this, disconnect any LocalTalk devices attached to the printer port (serial devices can remain attached).

Sleep (Power Macintosh and Performa models)

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Some Macintosh desktop models, including Power Macintosh 7200 series, 7500 series, 7600 series, 8200 series, 8500 series, or 9500 series, Power Macintosh and Performa 5400 series, 6400 series and Performa 6360, support the Sleep feature to conserve energy. If you select "Sleep" from the Special Menu available on these models while there is an active GeoPort connection, the GeoPort Telecom Adapter will disconnect the call without warning.

Connection (CCL) scripts for Apple Remote Access

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Use the following connection script with Apple Remote Access:

GeoPort/Express Modem

This file is installed in both the Extensions folder inside the System Folder and in the Modem Scripts folder inside the Extensions folder. It is installed in two places to support all versions of Apple Remote Access.

An additional, optional connection script, named "GeoPort/Express Modem CNG," is installed in the same two places. When you use this optional script, the GeoPort Telecom Adapter or Express Modem transmits data calling tones after dialing. Data calling tones allow the remote machine to detect automatically that an

incoming call is a data modem call. If you are dialing into a system that supports data, fax and voice calls (such as another GeoPort Telecom Adapter), you should select this connection script in the Apple Remote Access Setup control panel.

#### Communication settings

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If you are using a terminal emulator or communications program that supports the Apple Communications Toolbox, you should select the "Express Modem Tool" from the connection settings menu item. This tool's default settings will always try to establish connections at the highest possible speed with error correction and compression enabled.

#### Using RAM Doubler

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If you are using RAM Doubler from Connectix with Apple Telecom software, you should use RAM Doubler version 1.6.2 or later.

#### Troubleshooting

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##### Clicking sound from GeoPort Telecom Adapter

If your computer freezes, the GeoPort Telecom Adapter can lose its connection with your computer and may generate a rapid clicking sound. This sound is a temporary side-effect of the lost connection. To stop the clicking, unplug the adapter for a few seconds or restart your computer.

#### Installing the updater

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To install the GeoPort & Express Modem Updater

1. Turn on your computer.
2. Double-click the Installer icon.  
An introductory dialog appears.
3. Click Continue.  
The Easy Install dialog box appears. Easy Install automatically detects the Macintosh model you are using and installs the software you need.
4. Make sure the hard disk indicated is where you want to install the software. If the wrong disk name appears, click the Switch Disk button until the disk you want appears.
5. Click Install.  
A message informs you when the installation is complete. You need to restart your computer in order to use your newly installed software.
6. Click Restart to restart your computer and activate the software.
7. The Installer places a new version of the Express Modem control panel in the Control Panels folder inside the System Folder. Be sure to verify the settings before starting to use your modem software.

What goes where

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When you install the software using the Easy Install option of the Installer program, the following files and resources relating to the GeoPort Telecom Adapter or Express Modem are installed on your hard disk.

Hard Disk:

- GeoPort/Express Modem Read Me

Hard Disk: System Folder: Control Panels:

- Express Modem

Hard Disk: System Folder: Extensions:

- AudioTuneUp (GeoPort/Power Macintosh 9500 series with System 7.5.2 only)
- Apple Telecom Modem
- Express Modem Tool
- GeoPort for Power Macintosh (GeoPort configurations only)
- GeoPort Serial Driver (GeoPort configurations only)
- GeoPort Telecom Adapter (GeoPort configurations only)
- GeoPort Telephone Tool (GeoPort configurations only)
- GeoPort/Express Modem (Apple Remote Access CCL script)
- GeoPort/Express Modem CNG (optional Apple Remote Access CCL script, with calling tone)
- Serial Extension (GeoPort and 6100/7100/8100 series only)
- Serial (Built-in) version 1.2.2 (GeoPort/5400/6400 series and 6360 only)
- Shared Library Manager (GeoPort configurations only)
- Shared Library Manager PPC (GeoPort configurations only)
- Telephone Manager Extension (GeoPort configurations only)

Hard Disk: System Folder: Extensions: Modem Scripts

- GeoPort/Express Modem (Apple Remote Access CCL script)
- GeoPort/Express Modem CNG (optional Apple Remote Access CCL script, with calling tone)

Hard Disk: System Folder: System:

- Bell Telephone (sound resource)
- Electronic Telephone (sound resource)

Where to look for Apple Telecom software updates

For the latest updates, visit Apple Computer's World Wide Web site at:  
<http://www.apple.com/>

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