

# Firmware Upgrade for the 28.8 Communicator and the 28.8 Communicator with SimpleJack

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## Introduction

This document provides instructions for upgrading the firmware in the 28.8 Communicator and the 28.8 Communicator with SimpleJack modems. With the upgrade program, you may download into the modem the revision of firmware that optimizes the modem performance for your application. Currently, two firmware revisions are available: the standard firmware that allows you to connect up to 28.8 Kbps, and the enhanced firmware that allows you to connect up to 33.6 Kbps in optimal line conditions.

The upgrade program files are available from the Simple Technology website at <http://www.simpletech.com>. The upgrade program files are compressed—when you run Setup.exe, the upgrade program files are expanded and copied to your computer hard drive.

## Upgrade Procedure

Proceed as follows:

1. Plug the modem into the PC Card socket. Start Windows 3.1x, Windows 95, or Windows NT 4.0.
2. Turn off any screen savers that you are using.
3. If you have not already done so, connect the modem to a phone line and download the upgrade program files from the Simple Technology website.
4. For Windows 3.1x, start the Program Manager. From the File Menu, choose Run.

Or, for Windows 95 and Windows NT 4.0, click the Start button and choose Run.

5. The Run window appears. Type “[path] Setup.exe” where [path] is the location of the upgrade program files, e.g., “C:\Setup.exe.”
6. After initializing Setup, the Modem Upgrade Utility Setup window appears. Type the path and directory to where you want the upgrade program files expanded, and click on Continue; or, simply click on Continue for the default directory of “C:\modem.”
7. After the upgrade program files are expanded, you are prompted that

the “Modem Upgrade Utility Installation is Complete.” After clicking on OK, you will see a window containing the Modem Upgrade Utility icon. Double-click on the Modem Upgrade Utility icon.

8. The Cellphone Cable window appears. If you have not purchased a cellphone cable, click on No and proceed to Step 9. Or, if you have purchased a cellphone cable, click on Yes and proceed to Step 10.

9. If you clicked on No indicating that you do not have a cellphone cable, proceed as follows:

If there is only one firmware revision file in the directory of the program, the program begins upgrading the firmware with that revision file.

Or, if there are more than one revision file in the directory of the program, the Firmware List appears. Double-click on the firmware revision that you want. The program begins the upgrade.

Proceed to Step 11.

10. If you clicked on Yes indicating that you have the cellphone cable, proceed as follows:

10A. You are prompted to insert the diskette provided with the cellphone cable into drive A. After inserting the diskette into drive A, click on OK. (If the cellphone drivers are not on drive A, click OK anyway—Step 10B will instruct you on how to find the cellphone drivers if the drivers are located elsewhere on your computer.)

10B. The cellphone driver window appears. Locate the cellphone driver path by using the Install From Disk pull down box to select the drive, and the middle box to select the directory.

10C. The list of cellphone drivers in the current path appears in the left hand box. When you find the cellphone driver for your specific cellphone (see Table 1), double-click on the cellphone driver.

Table 1. Available Cellphone Drivers

<b>Cellphone</b>	<b>Driver</b>
AT&T 3610	AT361AD.s37
AT&T 3710	AT371AD.s37
AT&T 3730	AT373AD.s37
AT&T 3760	AT376AD.s37

AT&T 6650	NK232BD.s37
DiamondTel 20X	DT20XAD.s37
DiamondTel 22X	DT22XAD.s37
Ericsson DH343	ER343AD.s37
Ericsson DH398	ER398AD.s37
Ericsson CT700	ER700AD.s37
Ericsson HT Line	ERHTLINX.s37
Fujitsu PCX	FJPCXAD.s37
Mitsubishi 3500	MB350AD.s37
Mitsubishi 4000	MB400AD.s37
Motorola Europe	MOMICAI.s37
Motorola Elite	MOELIBD.s37
Motorola Flip Phone	MOMCCD.s37
Motorola International	MOMICAI.s37
Motorola Micro Tac	MOMICCD.s37
NEC P110	NC110AD.s37
NEC P110 International	NC110AI.s37
NEC P120	NC120AD.s37
NEC P120 International	NC120AI.s37
NEC P180	NC180AD.s37
NEC P180 International	NC180AI.s37
NEC P200	NC200AD.s37
NEC P201	NC201AD.s37
NEC P300	NC300AD.s37
NEC P301	NC301AD.s37
NEC P400	NC400AD.s37
NEC P401	NC401AD.s37
NEC P600	NC600AD.s37
NEC P601	NC601AD.s37
NEC P700	NC700AD.s37
Nokia 232	NK232BD.s37
Nokia 2120	NK212BD.s37
Okidata 900	OK900AD.s37
Okidata 910	OK910AD.s37
Okidata 1145	OK114AD.s37
Okidata 1150	OK115AD.s37
Okidata 1300	OK130AD.s37
Pioneer 700 and 720	MOMICCD.s37
Pioneer 900 and 920	MOMICCD.s37

10D. If there is more than one firmware revision file in the directory selected in Step B, the Firmware List option appears; double-click on the firmware revision file that you want.

Or, if there is only one firmware revision file in the directory of the program, the program will use that revision file in the upgrade process and the Firmware List is not displayed.

11. The program begins the upgrade. After the progress bar completes, wait a few seconds until you are prompted with a completion window. Click on OK.

The Upgrade Procedure is complete. Use the modem as directed in the documentation that came with the modem.

### **Technical Support**

If you are experiencing difficulties with the upgrade or have any questions regarding the upgrade, call Simple Technology Technical Support at the following telephone numbers:

(714) 476-1180

1-800-367-7330 (US and Canada only)

OR EMail [support@simpletech.com](mailto:support@simpletech.com).