

Lucent Technologies
Bell Labs Innovations



8400B Plus Data Module
Applications Guide

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8400B Plus Data Module

Applications Guide

This document provides a list of application notes that describe how to administer and configure the following data communications software packages for use with the 8400B Plus Data Module.

- CompuServe®
- Crosstalk™
- Prodigy®
- Terminal
- The Microsoft Network™

The information service providers (CompuServe®, Prodigy®, and The Microsoft Network™) were tested with the 8400B Plus Data Module in an arrangement that included a modem pool and the COMSPHERE® 3811 *Plus* modem.

CompuServe

CompuServe works with the 8400B Plus Data Module, however it does require a change to the default parameters.

 **NOTE:**

If you are using the 8400B Plus Data Module with Windows® '95, you must override the modem type that Windows '95 selects by default. During the installation process, Windows '95 performs a modem detection routine and automatically chooses a modem type for you. However the setting it chooses will cause repeated call failures when attempting to access your communications software package. You must manually change the modem type to "Standard" before attempting the following procedure.

Procedure

1. Install the CompuServe application on the Windows® platform by running "setup" from the CompuServe installation disk.
2. Launch the CompuServe application.
3. Select **Special** from the menu bar, and choose **Session Settings**.
4. Enter the following values:
 - Name: user's name
 - User ID: user's CompuServe ID
 - Password: user's CompuServe Password
 - Phone Number: local CompuServe Access Number
 - Connector: specify the appropriate port — usually COM1
5. Select **Special** from the menu bar, and choose **Session Settings**, then **Modem** to access the Modem Setup dialog box.
6. Change the following parameter from its default to:
 - Modem: Hayes® Compatible

7. Select **File**, and choose **Connect** to access the Connection dialog box.
8. Choose **Connect** to initiate the call.
CompuServe makes the connection to the service, connects the call, and the session begins.
9. If a telephone is attached to your 8400B Plus Data Module, you can use it to place a voice call to the voice endpoint while the data call is active.

Crosstalk

Crosstalk works with the 8400B Plus Data Module, however it does require changes to the default parameters.



NOTE:

If you are using the 8400B Plus Data Module with Windows '95, you must override the modem type that Windows '95 selects by default. During the installation process, Windows '95 performs a modem detection routine and automatically chooses a modem type for you. However the setting it chooses will cause repeated call failures when attempting to access your communications software package. You must manually change the modem type to "Standard" before attempting the following procedure.

Procedure

1. Install the Crosstalk application on the Windows platform by running "setup" from the Crosstalk installation disk.
2. Launch the Crosstalk application.
3. Select **Settings** from the menu bar, and choose **Connection**.
 - The Connection Settings dialog box is displayed.

4. Change the following parameters from their defaults:
 - Connection: select “Local Modem”
 - Settings:
 - Click on “Dialing” and enter the telephone number to be dialed.
 - Click on “Modem” and assign the modem type “9600 baud Hayes Compatible” to COM1 (or the appropriate COM port).
 - Click on “Connection” and under “Port” choose “COM1 9600 baud Hayes Compatible.” (You will need to modify this entry if you are using a port other than COM1.)
5. Close the Connection Settings dialog box.
6. Select **Action** from the menu bar, and choose **Connect**.
7. Crosstalk establishes the connection.
8. When prompted to do so, enter your user login and password.
9. If a telephone is attached to your 8400B Plus Data Module, you can use it to place a voice call to the voice endpoint while the data call is active.

Prodigy

Prodigy works with the 8400B Plus Data Module. It requires no changes to the default parameters.



NOTE:

If you are using the 8400B Plus Data Module with Windows '95, you must override the modem type that Windows '95 selects by default. During the installation process, Windows '95 performs a modem detection routine and automatically chooses a modem type for you. However the setting it chooses will cause repeated

call failures when attempting to access your communications software package. You must manually change the modem type to "Standard" before attempting the following procedure.

Procedure

1. Install the Prodigy application on the Windows[®] platform by running "setup" from the Prodigy installation disk.
2. During setup, Prodigy correctly identifies the 8400B Plus Data Module as "Hayes Compatible."
3. Launch the Prodigy application.
4. The first time you run the Prodigy application, choose "I am not currently a subscriber, and wish to subscribe now" from the Prodigy dialog box. In subsequent connections, you will instead indicate your revised subscriber status.
5. Prodigy dials a toll-free number, and establishes the connection.
6. If a telephone is attached to your 8400B Plus Data Module, you can use it to place a voice call to the voice endpoint while the data call is active.

Terminal

The Microsoft[®] Terminal program works with the 8400B Plus Data Module, however it does require changes to the default parameters.



NOTE:

If you are using the 8400B Plus Data Module with Windows '95, you must override the modem type that Windows '95 selects by default. During the installation process, Windows '95 performs a modem detection routine and automatically chooses a modem type for you. However the setting it chooses will cause repeated call failures when attempting to access your communications software package. You must manually change the modem type to "Standard" before attempting the following procedure.

Procedure

1. Launch the Terminal application.
 2. Select **Settings** from the menu bar, and choose **Phone Number**.
 3. Enter the telephone number to be dialed.
 4. Click **OK**.
 5. Select **Settings** from the menu bar, and choose **Communications**.
 6. Change the following parameters from their defaults:
 - Connector: select the appropriate COM port — usually COM1
 - Baud Rate: select the appropriate speed
-  **NOTE:**
The baud rate is determined by the speed at which all other connected devices can communicate.
7. Click **OK**.
 8. Select **Phone** from the menu bar, and choose **Dial**.
 9. Windows Terminal establishes the connection.
 10. When prompted to do so, enter your user login and password.
 11. If a telephone is attached to your 8400B Plus Data Module, you can use it to place a voice call to the voice endpoint while the data call is active.

The Microsoft Network

The Microsoft Network works with the 8400B Plus Data Module, however it does require changes to the default parameters.



NOTE:

If you are using the 8400B Plus Data Module with Windows '95, you must override the modem type that Windows '95 selects by default. During the installation process, Windows '95 performs a modem detection routine and automatically chooses a modem type for you. However the setting it chooses will cause repeated call failures when attempting to access your communications software package. You must manually change the modem type to "Standard" before attempting the following procedure.

Procedure

1. To install the modem driver to be used with the 8400B Plus Data Module:
 - Launch Windows Control Panel and choose **Modems**.
 - In the Modems dialog box, choose **Add**.
 - In the Driver Installation dialog box, choose "Manually select modem from a list."
 - Select "Standard 9600" from the drop-down list of modem types.
2. Launch The Microsoft Network application.
3. When the dialog box prompts you to indicate whether you are currently a member, select **No**.
4. When the dialog box prompts you to enter the local area code and exchange, enter this information.
 - The Calling dialog box is displayed.

5. Choose the **Settings** button.
 - The Settings dialog box is displayed.
6. In the “Current Modem” field, select “Standard 9600.”
7. Return to the Calling dialog box and select **OK** to dial.
8. The Microsoft Network dials the area code and exchange of the user, and the connection is established.
9. If a telephone is attached to your 8400B Plus Data Module, you can use it to place a voice call to the voice endpoint while the data call is active.