



SwitchIt 1.1

Across the Street Software™
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Documentation by Bill Andersen

SwitchIt™ is a program written for the sole purpose of programming the software selectable command switches on the Hayes Smartmodem 2400. These software controlled switches are equivalent to the DIP switches on the Smartmodem 1200.

Originally written for a corporation specializing in electrical co-generation systems, SwitchIt™ can configure multiple Smartmodems in much less time than configuration by direct terminal commands.

Having the ability to save settings allows reconfiguration of modems to previous settings simply by selecting a document. This would save time reconfiguring the modem without having to search through manuals or deciding how the previous configuration was made.

To Configure your modem using SwitchIt™, make sure your modem is connected to the modem port of your computer and that the power switch is turned on.

File Menu

New

Selecting new from the file menu will open the Switch Editor. The settings shown below are the factory default settings and should be used to reconfigure the modem to its original state. The bottom left corner will contain the name of the current document, in this case a new document named "Untitled". To change a switch setting, simply click on the appropriate "switch", and toggle between "UP" and "DOWN". This displays the switch's condition to its right. When you have configured the switches as desired, press the "OK" button or hit a carriage return. Note that this does not configure your modem at this point. You must choose "Program Modem" from the "Modem Settings" menu to send the control codes to the modem.

Hayes Smartmodem Switches			
<input type="checkbox"/> Down	Modem ignores DTR status	<input type="checkbox"/> Down	Carrier detect & DSR always on
<input checked="" type="checkbox"/> Up	Verbal result codes	<input checked="" type="checkbox"/> Up	Jack -> RJ-11, RJ-41S, RJ-45S
<input type="checkbox"/> Down	Result codes ENABLED	Switch 8-command recognition See manual, Dumb Mode strap.	
<input checked="" type="checkbox"/> Up	Echo character in command state	<input checked="" type="checkbox"/> Up	BELL protocol
<input type="checkbox"/> Down	Auto-answer DISABLED	<input checked="" type="checkbox"/> Up	Command state on DTR ON/OFF
Current Document:			
Untitled		Cancel OK	

Open

Selecting open from the file menu will bring up a dialog box displaying available SwitchIt™ documents. Choose the modem configuration you wish to use and select "Open". This will immediately send the control codes to the modem. A dialog box containing information on the status of your configuration will appear and display each command as it is sent to the modem. Your modem is now configured to the settings contained in the document you selected.

Close

After opening a document, you must select close before opening another document or attempting to create a new document.

Save

Save as...

These options will allow you save the configuration you have created with the "Switch Editor". If the document is new, either option will bring up a dialog box allowing you to title the configuration. If the document has already been titled, selecting **Save** will replace your existing document with any changes you made to the switch settings. If you wish to retitle an existing document, select **Save as...** and assign a new title.

Transfer

Transfer allows you to quickly launch another application without returning to the desktop.

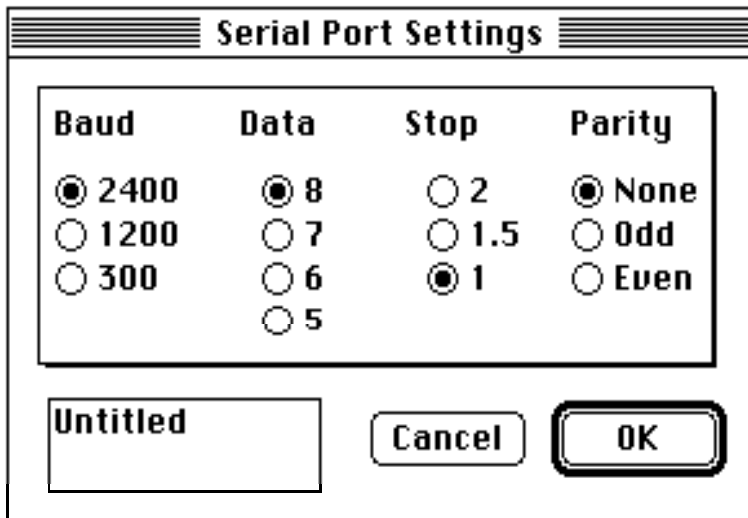
Quit

Quit allows you to exit SwitchIt™ and return to the desktop.

Modem Settings Menu

Serial Port Settings

This option allows you to set the **Default** baud rate, parity, stop bits, and data bits. This setting will be the maximum baud rate at which your modem will handshake. For this reason, you should program your modem at 2400 baud unless you wish to limit all incoming calls to a lower baud rate. These settings are also contained in the "Saved" document along with the switch configuration.



The image shows a dialog box titled "Serial Port Settings". It contains four columns of radio button options: Baud, Data, Stop, and Parity. The Baud column has options 2400 (selected), 1200, and 300. The Data column has options 8 (selected), 7, 6, and 5. The Stop column has options 2, 1.5, and 1 (selected). The Parity column has options None (selected), Odd, and Even. At the bottom of the dialog, there is a text field containing "Untitled", a "Cancel" button, and an "OK" button.

Baud	Data	Stop	Parity
<input checked="" type="radio"/> 2400	<input checked="" type="radio"/> 8	<input type="radio"/> 2	<input checked="" type="radio"/> None
<input type="radio"/> 1200	<input type="radio"/> 7	<input type="radio"/> 1.5	<input type="radio"/> Odd
<input type="radio"/> 300	<input type="radio"/> 6	<input checked="" type="radio"/> 1	<input type="radio"/> Even
	<input type="radio"/> 5		

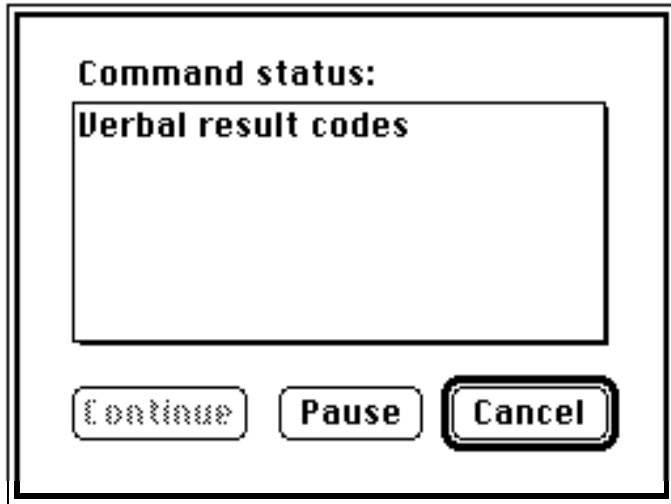
Untitled Cancel OK

Switch Editor

The Switch Editor allows you to change the switch settings on a document by clicking on the appropriate "Switch". Each switch will toggle between "UP" and "DOWN" and display the current setting to the right of the switch. See "New" under "File Menu" in this documentation for more details.

Program Modem

After you have selected the switch settings desired from the Switch Editor, choose this menu option to send the commands to the modem. A dialog box will display the current status of the programming procedure as each command is verified. In the event SwitchIt™ is unable to program your modem for any reason, an error message will be displayed. "Pause", "Continue", and "Cancel" buttons have been provided in the event you need to pause or cancel the programming procedure. A message and beep will alert you if a successful reconfiguration of your modem has occurred. This message will be displayed approximately 3 seconds.



If you find this program useful, please send \$10.00 to:

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