

## TermulatorX

TermulatorX is a Macintosh application that lets you access Synclavier Digital's Real-Time Program (RTP).

### Selecting a Serial Port

TermulatorX uses an RS-232 serial port to communicate with a Synclavier® Digital Audio System. Most modern Macintosh computers do not have built-in RS-232 serial ports, however several third-party vendors provide add-on hardware that is both inexpensive and effective. The USB Serial Ports provided by Keyspan (<http://www.keyspan.com>) are perhaps the most commonly used USB Serial Ports. Their USA-28X Twin Serial Adapter has been tested and found to work well with TermulatorX. Any Macintosh RS-232 serial port hardware that uses the POSIX software standard should be compatible with TermulatorX.

When you use TermulatorX for the first time you will see all available serial ports listed under the **TERMINAL** menu. Simply choosing the correct serial port and setting the BAUD rate is all the setup that is required.

### Accessing the RTP

TermulatorX is a Macintosh application that serves as a terminal emulation program. It communicates with Synclavier Digital hardware over an RS-232 cable, and provides a way for users to communicate with the RTP displays from the Macintosh.

When using TermulatorX, it is helpful to understand the program from two perspectives—

- It is a Macintosh application. TermulatorX is launched from the Finder and consumes Macintosh RAM when it is running. It has a menu bar where you can select display options such as how large the window should be on your screen.
- It is a window into the RTP displays. Once you click in the TermulatorX window, you are working in the RTP. The RTP displays will not necessarily behave as conventional Macintosh windows. The trackball will not always work as you would expect it to on a Macintosh. Standard commands such as  S will *not* save your current sound file, timbre or sequence.

### TermulatorX Menus

The TermulatorX menus appear in the menu bar when TermulatorX is the current application.

#### FILE MENU

COMMAND	KEY	FUNCTION
Close VK Window	<input type="checkbox"/> -W	Closes the VK Panel display window.

Page Setup...		Set up the page size, orientation and other options for printing.
Print	⌘ P	Allows you to print the current display from the Macintosh. The printout is scaled to print to the margins of the chosen paper size.
Start Journaling		Allows capturing the output from the Synclavier® to a Macintosh Text File
Capture Printer Output		Not available with TermulatorX. With SynclavierX allows the capturing of laser printer output to a Macintosh text file which can then be sent to a post-script printer.
Quit	⌘-Q	Quits the TermulatorX program and returns you to the Finder.

## EDIT MENU

COMMAND	KEY	FUNCTION
Undo	⌘Z	not available
Cut	⌘X	not available
Copy	⌘-C	Copies text from the current display to the Macintosh Clipboard. Graphics are not copied.
Paste	⌘V	Pastes the contents of the Macintosh Clipboard into most Macintosh applications.
Clear		not available

## WINDOW MENU

COMMAND	KEY	FUNCTION
EditView		Starts the EditView application.
MIDInet		Starts the MIDInet application.
Autoconform		Start the Autoconform application.
TransferMation		Starts the TransferMation application.
Leave Window In Background		Prevents clicking in a window from bringing that window to the foreground.
Arrange VK Panel...	⌘A	Allows you to rearrange the VK Panel sections and store preset arrangements.

Panel Presets		Recalls VK Panel arrangements which have been set up and stored using the Arrange VK Panel command.
Preset 1	<input type="checkbox"/> 1	
Preset 2	<input type="checkbox"/> 2	
Preset 3	<input type="checkbox"/> 3	
Preset 4	<input type="checkbox"/> 4	
Preset 5	<input type="checkbox"/> 5	
Preset 6	<input type="checkbox"/> 6	
Colors		Choose colors for certain VK Panel display items.
Show VK Panel	<input type="checkbox"/> D	Toggles between the current RTP display and the VK Panel display.
Show/Hide Terminal Window	<input type="checkbox"/> D	Allows showing or hiding the terminal window

## DISPLAY MENU

COMMAND	KEY	FUNCTION
Half Size	<input type="checkbox"/> H	Displays small TermulatorX window.
Mid Size	<input type="checkbox"/> M	Displays medium TermulatorX window.
Full Size	<input type="checkbox"/> F	Displays large TermulatorX window.
Extended		Currently implemented only in Music Printing F.5. Allows editing of graphics larger than the screen.
Show (Hide) Title & Scroll bars	<input type="checkbox"/> L	Adds (or deletes) scroll bars at the bottom and right.
White on Black (Black on White)		Exchanges background and foreground colors.
Align Window to Screen	<input type="checkbox"/> R	Aligns the window to the top left of the screen.

## TERMINAL MENU

COMMAND	KEY	FUNCTION
PF1	F1	Moves from the RTP to the Reverse Compiler.
PF2	F2	Moves from the Music Printing module to the RTP.
PF3	F3	Moves from the RTP to the Music Printing module.
PF4	F4	Moves from the RTP to the Signal File Manager.
Pause (Resume)		Stops/resumes drawing or scrolling on screen.
Break		Moves to the Monitor module. The current RTP screen is replaced with a Ready> prompt.
Reset		Returns to either the Main or Welcome menu.

9600, 19200 or 38400 Baud		Shows the current baud rate. It should correspond to the baud rate of your Synclavier
Clear Holds	<input type="checkbox"/> T	Clears held buttons anywhere on the VK Panel.
Update Panels	<input type="checkbox"/> U	Updates all panels to display current information.
Search For Ports		Refreshes the list of USB serial ports that are available

## HELP MENU

COMMAND	KEY	FUNCTION
Help...		Displays some key commands and instructions for starting the Synclavier or DTD system.
Quick Reference		not available

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