

Logic VS & VS Recorders

This document contains step-by-step instructions that will walk you through synchronizing Logic VS to your VS recorder.

Note: While Logic VS is a MIDI sequencer and will record MIDI data, the software does not actually record audio. Logic VS is simply a visual representation of the VS recorder's recorded tracks and mixer settings.

MIDI Cabling

In order for Logic VS to communicate with the VS recorder, both MIDI in and out must be connected on the VS recorder and a MIDI interface connected to your computer. Be sure that any interface drivers are properly installed, if necessary, prior to the following set-up procedures.

1. Connect the MIDI out of the VS recorder to the MIDI in of your MIDI interface.
2. Connect the MIDI out of your MIDI interface to the MIDI in of your VS recorder.

MIDI settings on your VS recorder

The VS recorders transmit MIDI Clock to Logic VS so that the software will follow the VS recorder's clock (time). Also, Logic VS transmits MIDI information, through your MIDI interface, so that you may control the VS recorder from the software.

VS-880 / VS-880EX / VS-890 / VSR-880:

VSR-880 Note: press and hold down SHIFT while pressing the SYSTEM button for the following procedures.

SysEX Communication

1. Press the SYSTEM button until you see "SYS MIDI PRM?" and then press the YES/ENTER button.
2. Use the PARAMETER buttons to select "SYS MID:SysEX.Rx." Use the TIME/VALUE dial to turn SysEx.Rx On.
3. Use the PARAMETER buttons to select "SYS MID:SysEX.Tx." Use the TIME/VALUE dial to turn SysEx.Tx On. Press the PLAY/DISPLAY button to return to the main screen.

MMC (MIDI Machine Control)

1. Press the SYSTEM button until you see "SYS MIDI PRM?" and then press the YES/ENTER button.
2. Use the PARAMETER buttons to select "SYS MID:MMC." Use the TIME/VALUE dial to change MMC to "SLAVE". Press the PLAY/DISPLAY button to return to the main screen.

MIDI Clock

1. Press the SYSTEM button until you see "SYS Sync/Tempo?" and then press the YES/ENTER button.
2. Use the PARAMETER buttons to select "SYS Syn:Gen." Use the TIME/VALUE dial to change Syn:Gen to "MIDIclk". Press the PLAY/DISPLAY button to return to the main screen.

MIDI Model ID (VS-890 and VSR-880 ONLY)

Newer models of the VS Recorders (VS-890 and VSR-880) need to change their MIDI Model ID to emulate the original VS-880EX recorders; this will allow Logic VS to properly recognize the VS recorder.

1. Press the SYSTEM button until you see “SYS MIDI PRM?” and then press the YES/ENTER button.
2. Use the right PARAMETER button to select “SYS MID:Model ID.” Use the TIME/VALUE dial to change the MIDI Model ID to “88EX”. Press the PLAY/DISPLAY button to return to the main screen.

VS-1680 / VS-1880 / VS-1824

SysEX Communication

1. Press and hold down the SHIFT button and then press F5 (SYSTEM).
2. Press the PAGE button, if necessary, until “MIDI” has been assigned to F4 and then press F4.
3. Use the CURSOR buttons and the TIME/VALUE dial to set both SysEX.RX and Sys.EX.TX to “ON”. Press the PLAY/DISPLAY button to return to the main screen.

MMC (MIDI Machine Control)

1. Press and hold down the SHIFT button and then press F5 (SYSTEM).
2. Press the PAGE button, if necessary, until “MIDI” has been assigned to F4 and then press F4.
3. Use the CURSOR buttons and the TIME/VALUE dial to set MMC to “SLAVE”. Press the PLAY/DISPLAY button to return to the main screen.

MIDI Clock

1. Press and hold down the SHIFT button and then press F5 (SYSTEM).
2. Press the PAGE button, if necessary, until “SYNC” has been assigned to F6 and then press F6.
3. Use the CURSOR buttons and the TIME/VALUE dial to set Sync Gen. to “MIDIclk”. Press the PLAY/DISPLAY button to return to the main screen.

MIDI Model ID (VS-1880 and VS-1824 ONLY)

Newer models of the VS Recorders (VS-1880 and VS-1824) need to change their MIDI Model ID to emulate the original VS-1680 recorders; this will allow Logic VS to properly recognize the VS recorder.

1. Press and hold down the SHIFT button and then press F5 (SYSTEM).
2. Press the PAGE button, if necessary, until “GLOBL” has been assigned to F2 and then press F2.
3. Press F2 to open the second page of Global Parameters.
4. Use the CURSOR buttons and the TIME/VALUE dial to set MIDI Model ID to “VS-1680”. Press the PLAY/DISPLAY button to return to the main screen.

Logic VS

Once launched, Logic VS will automatically look for a VS recorder connected to your computer via a MIDI interface; a warning message appears if Logic VS cannot find a VS unit connected. If this occurs, verify MIDI settings on the VS recorder and check that your interface is properly installed.

MMC

Set Logic VS to transmit MMC commands by click-holding the Sync button on the Transport window.



Loading Mixer Settings and Recorded Tracks from the VS Recorder

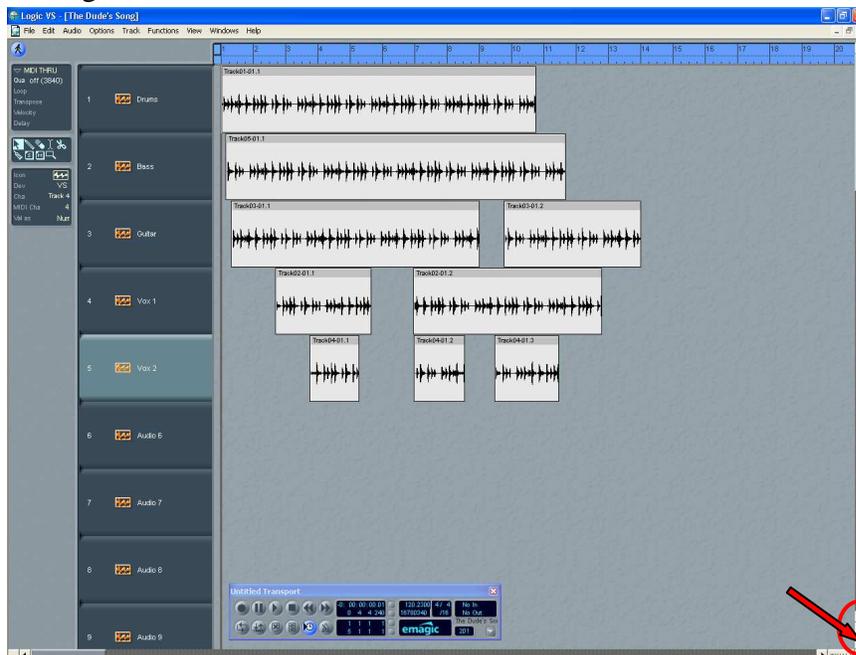
In the Main Menu of Logic VS, select *Audio* → *Get playlist and mixer settings from VS*. Logic will communicate with the VS recorder and load recorded tracks and mixer settings into the software.

Note: waveforms take an average of 10 minutes to load per song--depending on the size of the files. However, you may still operate the software while Logic VS is loading waveform overviews.

Waveform Overview

Once the VS recorder playlist has been loaded into Logic VS, you may view track waveforms by enlarging the track size. Click on the lower right of the screen, below the right scroll bar, to change track sizes.

Arrange View



Adjusting the mixer

Adjustments made in the Logic VS Mixer will adjust the VS recorder's mixer settings in real time. However, adjustments made from the VS recorder will not be represented in Logic VS until the playlist and mixer settings of the VS recorder are reloaded.

In the Main Menu of Logic VS, select *Audio* → *Get playlist and mixer settings from VS*.

Saving Changes in the VS Recorder

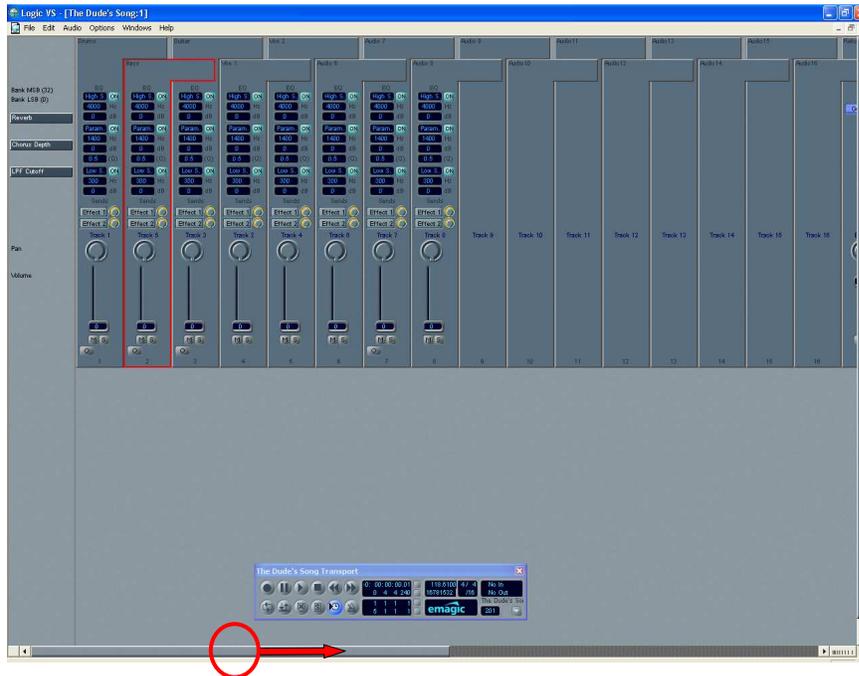
Song data of the VS recorder cannot be saved by Logic VS remotely; storing song files must be done from the VS recorder directly.

Effects Control from Logic VS

The internal effect processors of VS recorders can be controlled remotely from Logic VS. Each audio channel strip in Logic VS has two effect sends which define the amount of effect that is sent from each channel to Effect 1 and/or Effect 2.

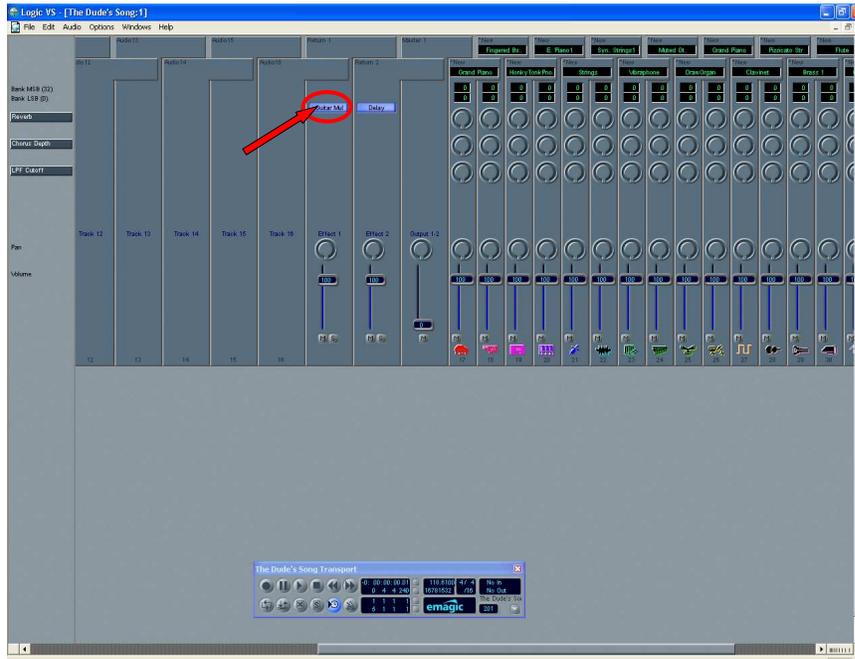
1. In the Main Menu of Logic VS, select *Windows* → *Open Mixer*. The Mixer window opens.
2. Use the lower scroll bar to scroll to the right of the Mixer window:

Mixer View



3. Click-hold the blue box in channel Return 1 or Return 2 to assign Effect 1 or Effect 2 (respectively) in the VS recorder's effects processor.

Mixer View



Note: the Effect Parameters View may be opened by double-clicking on either blue box for Return 1 or Return 2. This allows effect settings to be changed in the VS recorder in real-time.

V-Tracks

Logic VS loads the playlist from the currently active V-Tracks in the VS recorder. When you want to see, hear, and edit a different V-Track, set this in the VS recorder and reload the playlist.

In the Main Menu of Logic VS, select *Audio* → *Get playlist and mixer settings from VS*.