



POD[®] HD500X EDIT

PILOT'S GUIDE



A guide to the features and functionality of the Line 6 **POD HD500X Edit** application.



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WORKFLOW

Welcome to the *POD HD500X Edit Pilot's Guide*. This guide contains details of the POD® HD500X Edit application's features and functionality. All behaviors are the same on Mac® or Windows®, unless otherwise noted. It is recommended that you also read the *POD HD500X Pilot's Guide* and *Advanced Guide* for details on using your POD HD500X device. These documents can be downloaded at <http://line6.com/support/manuals>.

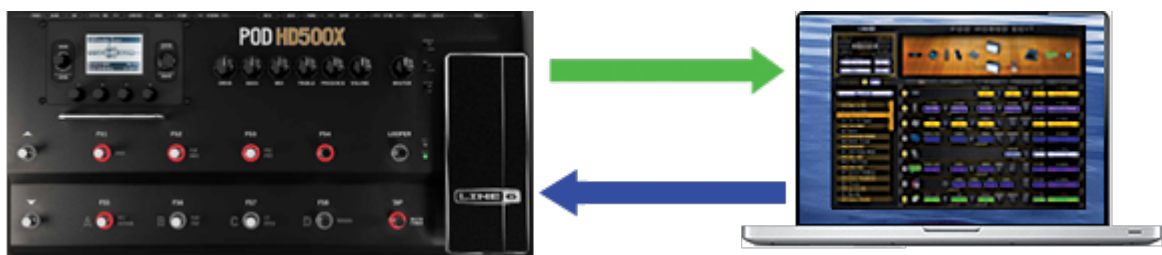
This Guide covers POD HD500X Edit version 1.0 and POD HD500X hardware with Flash Memory version 1.0 installed (or later versions). POD HD500X Edit is compatible with Mac OS® X 10.5 and later, and Windows® XP, Vista & later (all 32 bit and 64 bit versions). For the latest available software and Flash Memory versions, please see [“Using Line 6 Monkey” on page 7•1](#).

What's in it for Me?

POD HD500X Edit is a simple, but powerful, Preset editor/librarian application. It allows you to easily see and tweak all the individual Amp, Preamp & FX Models' parameters, as well as edit the Models & parameters of any connected Line 6 Variax® guitar, all within one attractive Graphical User Interface (or “GUI”), to create, customize, manage and backup your Tone Presets & Set Lists. You can also tap into the Line 6 [CustomTone™](#) site to share your POD HD500X Tones and download from the huge library of artist & user Presets! In this chapter, we'll focus on some of the common tasks you'll perform with the POD® HD500X Edit application.

Workflow Overview

Once the POD HD500X Edit application is launched, it automatically “receives” the complete contents of all 8 Set Lists from your device's internal memory, allowing you to view or customize any Preset's Amp & FX Model settings. While connected, communication between the application and your POD HD500X device's internal memory is instant - move any Block or adjust any parameter within the application and the modified settings are heard on your device. Likewise, adjustments made to your device's controls are visually reflected in the software.



Two-way communication exists between your device & computer via the USB connection

This interactive communication allows you to tweak any individual Amp or FX Models' settings within the application GUI and instantly hear and preview the changes, before committing them to the internal memory of your POD HD500X device.

TIP: It is also possible to use POD HD500X Edit simultaneously when using POD HD500X for (USB) computer recording, or when using an L6 LINK™ connection to DT50™ and DT25™ Amplifiers! When using the L6 LINK connection, USB audio is muted, however, but you'll still hear your tones through the DT amplifier and other POD HD500X outputs.

Settings changes made to your current Preset within the software are temporarily stored on your POD HD500X - that is, they do not overwrite the device's current Preset until you perform a save.



You can also move Presets to different Channel locations (in the same or a different Set List) within the application, to manage the contents of your device's Set Lists/Presets order. Once you are done with your Tone tweaking, you can “send” one or all of the current Set Lists or Tone Presets from the application to your device to save all settings within your device's internal memory. You can also choose to save Set Lists, Bundles and/or Presets to your computer's hard drive to build an unlimited library of Tones, which you can reload into the application, and to your POD HD500X, at any time.

Computer Connectivity

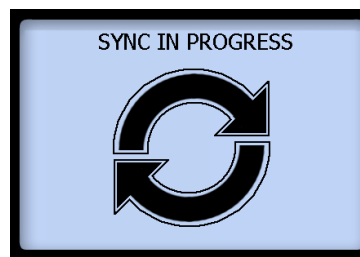
To put POD HD500X Edit to work, connect your POD HD500X device to your computer's USB 2.0 port to establish two-way communication. If you are using a Line 6 Variax instrument, connect it to the Variax Digital Input (VDI) on the rear of POD HD500X. Exit any Line 6 applications that might be running, and with your POD HD500X device powered on, launch POD HD500X Edit:

- **On Mac[®]**, go to Applications > Line 6 > POD HD500X Edit
- **On Windows[®]**, go to the Start button menu > Programs > Line 6 > POD HD500X Edit

Upon launch, the application will detect your POD HD500X and automatically retrieve and load all its saved Presets. This may take a few moments since the contents of all 8 Set Lists are being transferred. The application's progress screen will let you know when the Preset loading process is complete. Your POD HD500X device's “Sync In Progress” screen is also displayed during this process. This screen appears whenever the Editor application has control of POD HD500X parameters, to let you know that the device's on-board controls are temporarily “locked-out” from changing settings to safely allow the sync process to complete.

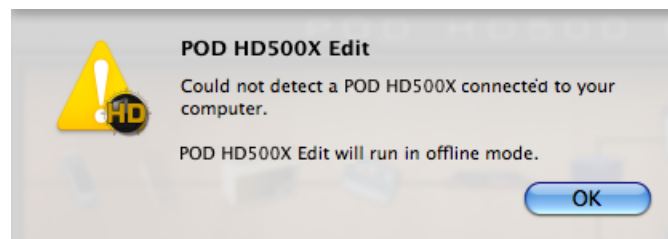


Edit application - Preset load progress screen



POD HD500X - LCD screen

If your POD HD500X device is not USB-connected and powered on, you'll see the following alert screen, warning you that no device was detected.



No Device alert

Click **OK** and you can either continue to run POD HD500X Edit in “Offline Mode” (see [page 1•3](#)), or, connect/power on your device and the application will prompt you to retrieve the connected device's Presets.



Alert indicating no connected POD HD500X was detected

If you disconnect or power off POD HD500X, you'll see a flashing alert, as shown here, indicating that the POD HD500X device connection was lost. Reconnect your device and you'll be prompted with the Receive Presets screen. Click **“Yes”** to retrieve all Presets from the device's internal memory, or **“No”** to continue working in the application without importing the Presets.



Receive Presets prompt

POD HD500X Edit - Offline Mode

In some cases, you might want to load one of your saved Set Lists or Bundles from your hard drive, tweak, rename or reorder your Presets, and save the Set List/Bundle back to your computer without committing it to your POD HD500X device... No problem! To do this, launch the POD HD500X Edit application without your device connected. You see the pop-up alert telling you this will launch the application in “Offline Mode” - click OK to proceed.



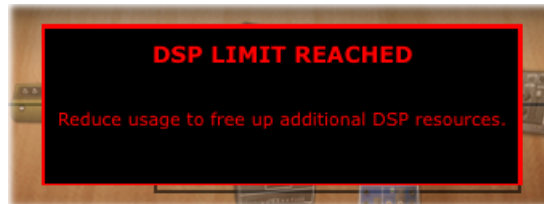
Offline Mode alert

Load your desired Preset/Set List/Bundle file using the File menu's **“Open”** commands, edit to taste and save the file back to your computer. At a later time, when you are ready to save the Preset/Set List/Bundle to your device, connect your POD HD500X and then launch the application. Open the saved Preset/Set List/Bundle, and use the Save Panel's **“Send”** functions to save the desired items into your device's memory.



Dynamic DSP

As covered in the *POD HD500X Advanced User Guide*, the POD HD500X device offers a vast number of HD Amp and FX of all types. Some Models require more Digital Signal Processing (DSP) than others, so we've implemented a "Dynamic DSP" management system in POD HD500X to allow you to mix and match any combinations of Models, and the device will automatically bypass Models if the DSP limit is reached. You'll be notified whenever this DSP limit is reached by the following alert:



DSP Limit alert displayed momentarily in the SFV pane

Likewise, you'll see a similar "DSP Limit Reached" alert displayed temporarily on your device's LCD screen. To alleviate the DSP load, you can toggle existing FX "Off" or set Blocks to "Null," or try switching to different Amp or FX Models. The HD Amps, Reverbs and Pitch type FX Models tend to be the heaviest DSP usage Models. However, even among Models of the same type, DSP requirements vary - Simply trying a *different* Amp, Reverb or Pitch FX Model may be enough to bring your Tone back below the DSP Limit.

Saving and Opening POD HD500X Preset Files

Note that there are two methods for "Saving" within the Line 6 POD HD500X Edit application. The Save Panel allows you to "Send" one or all Presets from the application to your POD HD500X device - see [page 2•1](#).

The other way to "Save," as covered here, is to create a copy of a Preset to any folder on your computer as a POD HD500X Edit Preset (.5xe) file. This allows you to create a library of Presets that can be reloaded onto your device at any time!

To Save a Preset to your Computer:



Double-click on a Preset within the application's main Presets Panel or Set Lists View to load it and then select "Save As" from the File menu. This launches the familiar Mac® or Windows® file "Save As" window, where you can edit the file name and choose a destination folder. By default, all .5xe files are saved to:

- **Mac®** - /Documents/Line 6/Tones/POD HD500X Edit folder
- **Windows®** - \My Documents\Line 6\Tones\POD HD500X Edit folder

It is also possible to drag any Preset directly from the main Presets Panel or Set Lists View and drop it onto your Desktop, or into any folder on your computer to copy it there. Or, select multiple Presets to drag and Save copies of each in one drop! (See the ["Set Lists and Presets" on page 6•1](#) for more on copying & moving Presets.)



To Save a Bundle to your Computer:



POD HD500X Edit allows you to instantly save *all* the application’s current Set Lists, including all their Presets and current settings, into one consolidated “Bundle” (.5xb) file. This is extremely handy for making a complete, consolidated backup of all your current Set Lists & Presets, allowing you to load them all back into your device at any time! Just go to the File menu and select “Save Bundle As” to launch a “Save As” dialog, where you can enter a name and choose any folder to save the Bundle file.

By default, all .5xb files are saved to:

- **Mac®** - /Documents/Line 6/Tones/POD HD500X Edit/Bundles folder
- **Windows®** - \My Documents\Line 6\Tones\POD HD500X Edit\Bundles folder

Note that the Save Bundle feature always includes all Set Lists & Presets, regardless of any Preset(s) that might be selected within the Set Lists or Presets Panel.

To Save a Set List to your Computer:



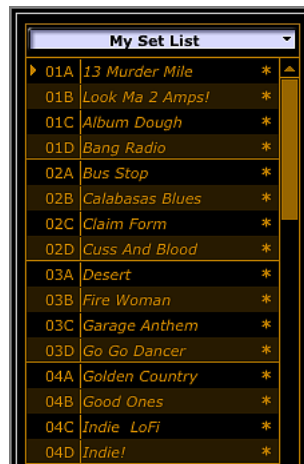
POD HD500X Edit allows you to instantly save the currently loaded Set List, including all its Presets and their current settings, to a Set List (.5xs) file. This is extremely useful for making a complete backup of all the Presets in the current Set List, allowing you to load them all back into your device at any time! Just go to the File menu and select “Save Set List As” to launch a “Save As” dialog, where you can enter a name and choose any folder to save the file. By default, all .5xs files are saved to:

- **Mac®** - /Documents/Line 6/Tones/POD HD500X Edit/Setlists folder
- **Windows®** - \My Documents\Line 6\Tones\POD HD500X Edit\Setlists folder

Note that the Save Set List feature always includes all the Set List’s 64 Presets, regardless of any Preset(s) that might be selected within the Presets or Set List Panel.

To Open a Preset, Bundle or Set List File from your Computer

Opening any of these files loads the file Preset(s) into the editor application. Note that these are loaded in the application as “edited” and the Preset title and settings on your connected POD HD500X are not overwritten until you choose to “send” them to your device, as described below.



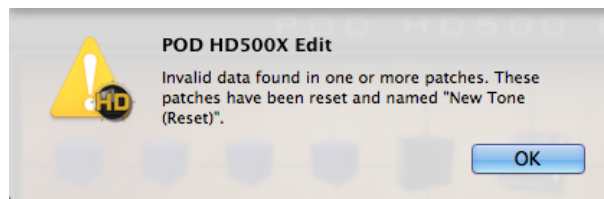
A newly opened Set List - all Presets appear as “unsaved” in POD HD500X Edit until Sent to POD HD500X



- **To open a Preset** - Select “Open” from the application’s File menu and browse to the location where your Preset (.5xe) files are stored (the default Preset folder locations are shown above). Selecting a Preset file loads its saved settings, replacing the currently loaded Preset and its Channel location within the application.
- **To open a Bundle** - Select “Open Bundle” from the application’s File menu and browse to the location where your Bundle (.5xb) files are stored (the default Bundle folder locations are shown above). Selecting a Bundle file loads its full set of all 8 Set Lists and their Presets, replacing all the currently loaded Presets within the application.
- **To open a Set List** - Select “Open Set List” from the application’s File menu and browse to the location where your Set List (.5xs) files are stored (the default Set List folder locations are shown above). Selecting a Set List file loads its full set 64 Presets, replacing all the currently loaded Presets in the currently loaded Set List within the application.
- Alternatively, you can drag a Preset, Bundle or Set List file from any folder on your computer and drop it directly in the POD HD500X Edit window to load the file’s settings. (Dragging and dropping a Preset or Set List replaces the currently loaded Preset or Set List in the application.)
- Use the Save Panel options (see [page 2•1](#)) to “Send” the desired Selected Presets/Set List/All to your connected POD HD500X device’s internal memory. This action permanently overwrites the respective Presets within your device’s internal memory.

Invalid Preset Alert

For POD HD500X Edit, we’ve built in detection for potentially corrupted Presets. When loading Presets, a Set List or Bundle, if you are prompted with this “Invalid data found” alert, this means that one or more of the Presets is possibly corrupted. For such Presets, they are “reset” and loaded into the Edit application and on your device as empty, New Tone Presets as a safety mechanism.



The “Invalid data found” alert

POD HD500X - Looper Functions

The POD HD500X Looper functions are not accessible within the POD HD500X Edit application. These features are still available via the device’s on-board switches while using POD HD500X Edit, however, there are no functions within the application’s GUI to specifically control the Looper functions. The following behaviors apply:

- The Looper Block is not accessible within the Edit application, so you won’t see it in the Signal Flow View of the software. Therefore, its “Pre” and “Post” position options are accessible strictly from the POD HD500X hardware. (The Looper blocks Pre/Post setting is a global one, so it is not saved per Preset.)
- If you set your POD HD500X device into an active Looper mode (Record, Overdub or Play), the application simply remains showing the same currently loaded Preset.
- Double-clicking on a Preset within the Presets or Set Lists Panel loads the saved Preset in the application and on the device. If the device is currently in an active Looper mode, it will simply remain in this mode, and the saved Preset settings will be audibly loaded.

GUI OVERVIEW

In this chapter, we'll describe the various sections of the POD® HD500X Edit application's Graphical User Interface (GUI). Here we've laid out descriptions for all the important things you need to know as you start clicking around in the application.



The POD HD500X Edit main “GUI”

1 Save Controls

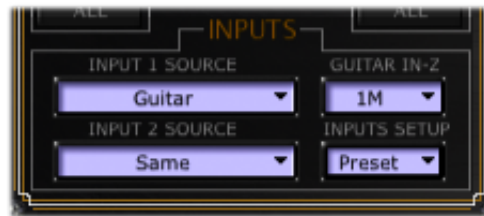
The Save Controls allow you to “Send” and “Receive” Tone Presets or complete Set Lists between the application and the POD HD500X device’s internal memory.



The Save controls

Using the SEND buttons overwrites the existing Preset/Set List data in your device’s internal memory, effectively *Saving* the transferred items to your POD HD500X. Using the RECEIVE buttons imports the **last saved versions** of the selected Presets or Set List into the application. For more details, please see the chapter [“Set Lists and Presets” on page 6•1](#).

2 Inputs Panel



Input Source selectors

- **Input Sources:** Choose the sources for Inputs 1 & 2. These options are the same as those found in your POD HD500X **Setup:Inputs** screen and are saved individually per Preset.

Note: When selecting the Variax Input Source for a James Tyler® Variax® guitar, the guitar signal (Model or Magnetic pickup) is determined by the guitar's on-board selector switch. This switch state is also saved and recalled with the POD HD500X Preset. The Variax Mag Input Source receives strictly the Tyler Magnetic Pickup signal. Additional Variax Digital Input (VDI) options are available in the Mixer screen - see ["Variax Controls" on page 4•2](#).

3 Tap Tempo Options



Tap Tempo options

Enter in a "Tap Tempo" value by clicking directly in the text box to type in a specific BPM, or "tap" rhythmically on the LED button with your mouse. Your tempo-based FX can optionally be set to a note division of this Tap Tempo value (see below).

About Tempo Sync

Tempo-based FX (Modulation, Pitch & Delays) each include their own, individual "Tempo Sync" option to either follow the Tap Tempo BPM value, or to be set manually. Additionally, a "system" Tempo Sync option is also available that allows you to choose whether the FX follow the Tap Tempo as a per-Preset value or globally - see ["Utilities Options \(Tempo Sync & Trails\)" on page 4•4](#).

4 Presets Panel

The main Presets Panel displays all 64 Channel locations (01A through 16D) that correspond to the respective Set List's Channel locations within your POD HD500X device's internal memory.

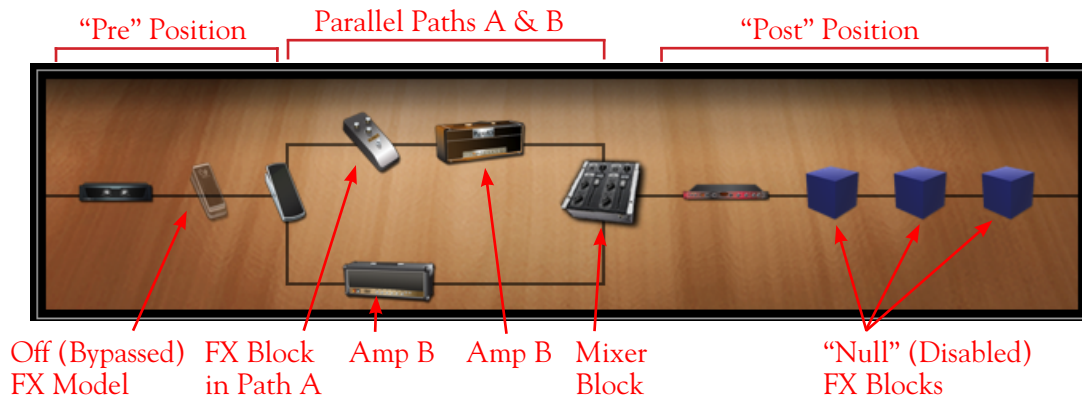


The Presets Panel

Within the Presets Panel, you can load a new Set List and/or Preset as well as perform all kinds of functions with your Presets, including moving or copying them to different Channel locations, using the Save Controls to “send” and “receive” Presets between your computer and device, and more. Please see [“Set Lists and Presets” on page 6•1](#) for all you need to know about working with Presets.

5 Signal Flow Panel

This panel is essentially the equivalent of the Signal Flow View screen on your POD HD500X hardware. It provides a handy visual reference of the On/Off/Disabled state and signal flow position of all Amp & FX Models for the loaded Preset.



The Signal Flow Panel

- Pre Position:** The area before the Path A & B split is referred to as the “Pre” Position. Note that FX Blocks placed here are positioned “Pre” Amp Blocks. (An Amp Block can also be placed in the Pre position area, but will always be at the end of the Pre section.)
- Parallel Paths A & B:** The top signal path is Path A and the lower is Path B. It is possible to move FX and/or an Amp Block into each of these paths, to create a “parallel” configuration. We’ll cover the possibilities in other sections of this Guide, but here are some pointers for Paths A & B:



- To utilize two Amps in your tone, it is necessary to move your Amp Block into Path A, and an Amp B Block is automatically added to Path B, for which you can select an Amp B Model.
- Any of the 8 FX Blocks can be moved into either Path A or B, and placed before or after an Amp Block within the path.
- The POD HD500X Source Input 1 is fed through Path A, and Source Input 2 is fed through Path B, unless a mono FX Model is inserted in the Pre position, which down-mixes the two input sources to mono and feeds them both equally into Paths A and B. (See the **Input Source selectors** section on [page 2•2](#).) Note that you can move all FX and Amp Blocks out of these Paths completely, but the Paths always exist, and your Source Inputs are always fed through them, and thus, through the Mixer Block.
- Use the Mixer Block to independently adjust the Level and Pan for Path A and B (also see [“Mixer Block & Variax Options” on page 4•1](#)).
- **Post Position:** The area to the right of the Mixer Block is referred to as the “Post” Position. Note that FX Blocks placed here are positioned “post” Amp Blocks. (An Amp Block can also be placed in the Post position area, but will always be at the start of the Post section.)

See [“Signal Flow View Features” on page 2•5](#) for details on all the functions available for this panel.

6 Edit Panels

This area of the GUI offers 5 buttons to display each of the different Edit Panel Views - **FX, Amps, Mixer, Controllers** and **Set Lists**.

Edit Panel display selector buttons



The Edit Panel display - FX Edit Panel view selected

We’ve provided detailed info on each of these Views in the following sections:

- **FX View:** Provides full editing capabilities for each of the 8 FX Blocks - see [“Working with FX Edit Panels” on page 3•1](#).



- **Amps View:** Provides full editing capabilities for the 2 Amp Blocks, including Cab, Mic, Line 6 DT Series amplifier parameters and more - see [“Working with Amp Edit Panels” on page 3•5](#).
- **Mixer View:** Provides editing of the Path A/B Mixer, L6 LINK™ Audio & Control options and Variax input - see [“Mixer View” on page 4•1](#).
- **Controllers View:** Provides editing of the footswitch & pedal controller assignments, both for control over your Preset’s Amp & FX functions as well as for independently transmitting MIDI Control Messages - see [“Configuring Footswitches & Controllers” on page 5•1](#).
- **Set Lists View:** The Set Lists “Librarian” screen provides access to the contents of all 8 Set Lists, for easy management of Set Lists and Presets - see [“Set Lists and Presets” on page 6•1](#).

Signal Flow View Features

Just like on your POD HD500X device, the Signal Flow View (SFV) is the primary screen for referencing all the sonic elements of your current Preset. This SFV Panel remains in sync with your connected device’s SFV “Home” screen - changes made via the hardware or software are reflected in both.* Here within the software’s SFV panel, you can click directly on any FX or Amp Block to move its Block, or access its parameters in the respective Edit Panels below. All changes made within the Signal Flow panel are saved individually per Preset.

*Note: The Looper Block and other Looper functions are not displayed or accessible within the POD HD500X Edit application - see [“POD HD500X - Looper Functions” on page 1•6](#).

FX & Amps On/Off/Null States

All FX & Amp Models include an On/Off “LED” button (see [“FX Panel Controls” on page 3•2](#)). The icon for the respective effect within the Signal Flow Panel dims to indicate its Off state:



FX Model On



FX Model Off



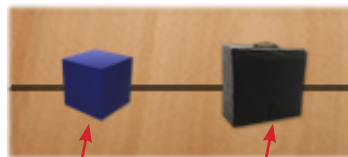
Amp Model On



Amp Model Off

“Null” Block Indicator

Whenever an FX or Amp Block is “empty” (its Model Type selector is set to “---”) the Block appears in the SFV as a “Null” Model to indicate this disabled state.



Null FX Block

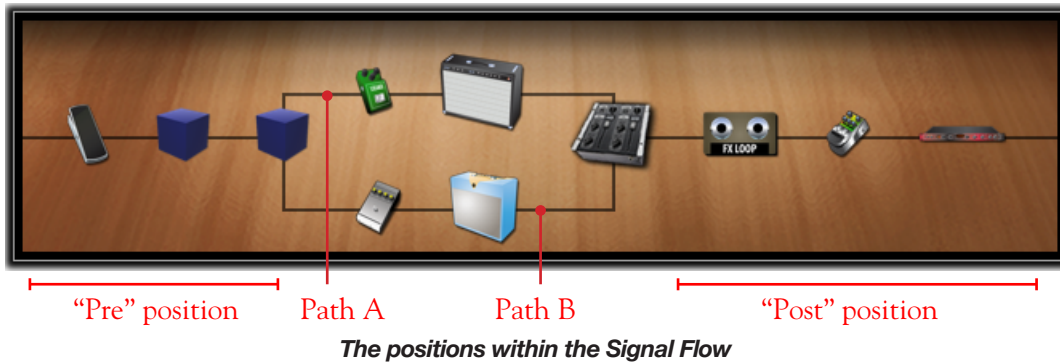
Null Amp Block

Note that Null Model Blocks can still be selected and moved, just like active FX and Amp Blocks. Once you select a Model for the Block, the icon in the SFV changes to indicate the chosen Model.

Model Position

The left to right position of the Models as displayed in the Signal Flow Panel is precisely the order in which your input signal flows through them. Just as in the “analog world,” the ordering of your FX can change the sound you get from them - e.g. a Chorus or Phaser will sound different before versus after a Distortion.* If you’d like to change any Model position, you can use the handy Move buttons in the Signal Flow View panel to reposition your FX and amp Blocks as desired.

*Note: Some FX are stereo and others are mono (and all Amps & Preamps are mono), therefore, a stereo signal is typically “mono-ized” at the output of a mono Block. Please see the *POD HD500X Advanced Guide* for more about Model positioning and the signal flow - <http://line6.com/support/manuals>.



Moving FX & Amp Blocks

Rearranging the order of the Amp & FX Models in your Tone is as simple as dragging and dropping within the Signal Flow View panel!

As soon as you hover your mouse cursor over an FX Block, you’ll see its respective FX edit panel below outlined - this allows you to know which Model your are accessing.

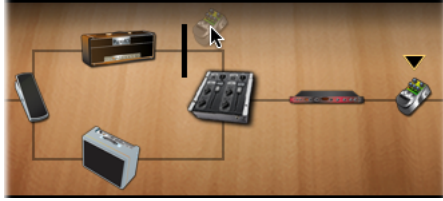
Arrow indicator appears when cursor is over an FX Block



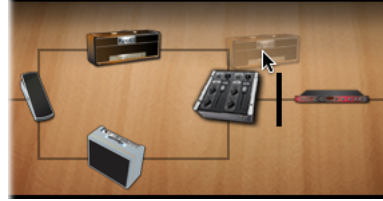
Amber outline indicates the respective FX Block’s edit panel

TIP: An FX Block containing the FX Loop can also be moved like any other FX Block, allowing you to place your POD HD500X analog FX Loop’s Send/Return at any point in your signal chain - including in the parallel Paths A or B!

As you click and drag a Block, you’ll see any potential “drop” location for the Block be indicated by a vertical bar, as shown below. Simply release the mouse button to move the Block to this indicated location.



Dragging an FX Block, from Post to Path A



Dragging an Amp Block, from Path A to Post

Any of the 8 FX Blocks can be moved to any position within the Pre, Post, Path A or Path B areas. A few rules apply for moving Amp Blocks, as listed below.

TIP: We've also included the **Vintage Pre**, tube-voiced Mic Preamp, which is found within the Preamp+EQ Model Menu of any FX Block. This Preamp model (or even multiple instances of it) can be positioned anywhere in your signal path! The Vintage Pre is great by itself as a Mic Preamp, or in conjunction with Amp Models to add some boost or tube warmth to an instrument.

- Only one Amp Block can exist in your Tone when placed in the Pre or Post SFV positions.
 - An Amp Block in Pre position can be placed only at the end of the Pre section, after any Pre FX.



Amp Model in the Pre position

- An Amp Block in the Post position can be placed only at the start of the Post section, before any Post FX.



Amp Model in the Post position

- When moved into Path A, a 2nd (“Null”) Amp Block is automatically created in Path B, for which you can choose an Amp/Preamp Model, if desired.



Dual Amps within Paths A & B - Amp B is in the “Null” (disabled) state

- The Amp Block in Path A (“Amp A”) can be moved left or right into either the Pre or Post positions, as shown above. Once moved out of Path A, the Amp B block is automatically removed from the signal flow. Amp A cannot be moved down into Path B.
- Amp Blocks cannot be moved to different positions within Path A or B (however, you can move FX Blocks before or after Amps within these Paths). Amp B cannot be moved at all from its Path B position.



Menu Commands

To follow are descriptions of the application's menu commands and their functions. The location of some commands are different on Mac® versus Windows® systems, as noted below.

POD HD500X Edit (This menu is shown only on Mac®)

- **About POD HD500X Edit** - Launches the About box, which includes info about your connected hardware and software version.
- **Quit POD HD500X Edit** - Exits the application.

File (Also see [“Saving and Opening POD HD500X Preset Files” on page 1•4.](#))

- **Open** - Allows you to load a saved POD HD500X Edit Preset (.5xe) file from any folder on your computer.
- **Save As** - Allows you to save a copy of the loaded Preset as a POD HD500X Edit Preset file (.5xe) to any folder on your computer.
- **Open Bundle** - Loads a saved POD HD500X Edit “Bundle” (.5xb) file from any folder on your computer, replacing all Presets within the application.
- **Save Bundle As** - Allows you to save all current Preset settings as a POD HD500X Edit “Bundle” (.5xb) file to any folder on your computer.
- **Open Set List** - Loads a saved POD HD500X Edit Set List (.5xs) file from any folder on your computer, replacing the currently loaded Set List and all its Presets.
- **Save Set List As** - Allows you to save the currently loaded Set List, along with all its Presets & their current settings, as a POD HD500X Edit Set List(.5xs) file to any folder on your computer.
- **Exit (Windows® only)** - Exits the application.

Help

- **POD HD500X Edit Help** - Launches this PDF document you are now reading.
- **Online Help** - Takes you directly to the Line 6 Community site, the place to find additional documentation, FAQs, User Forums, Technical Support, breaking news and more!
- **CustomTone.com** - Takes you to the Line 6 CustomTone site, where you can share your Tone Presets with thousands of other Line 6 users, and download free Tones from the huge library!
- **About POD HD500X Edit (Windows® only)** - Launches the About box, which includes info about your software version and connected device.

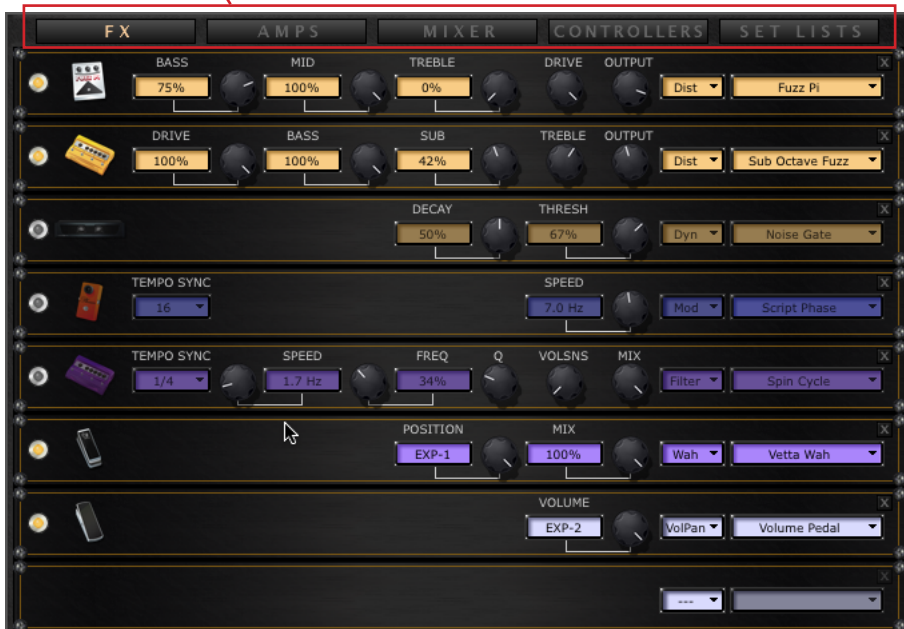
EDITING FX & AMPS

This area of the GUI offers 5 buttons to display each of the different Edit Panel “Views” - **FX**, **Amps**, **Mixer**, **Controllers** and **Set Lists**. In this chapter we’ll cover the FX and Amps Views.

Working with FX Edit Panels

Within the FX View, you’ll see an individual “Edit Panel” for each of the 8 FX Blocks. These panels provide you easy access to select the desired FX Model and all its individual parameters for each Block, making deep editing easier than ever!

Edit Panel display selector buttons



The Edit Panel display - FX View selected

FX Panel Indicators

Each FX Panel also offers a few useful visual indicators. Note that, since any of the 8 FX Blocks can be moved into any position within the Tone’s signal flow, the FX Edit Panels will not necessarily be in a vertical order that matches the FX Blocks’ Left-Right order in the Tone.

When you hover your mouse cursor over an FX Block within the Signal Flow View, you’ll see a black ‘down’ arrow appear over the FX Block in the SFV. When this black down arrow appears in the SFV, the corresponding FX Edit Panel becomes outlined to indicate it is the Edit Panel for this Block’s settings, as shown below. This FX Panel outline is displayed whether the Model is On or Bypassed.

When hovering mouse over the Delay FX Block, the black arrow is displayed...



...The respective FX Edit Panel is outlined

FX Panel Controls

You'll see that the controls displayed within each Edit Panel are specific to the FX Model selected. To follow are descriptions of the different FX Edit Panel controls.

On/Off LED switch

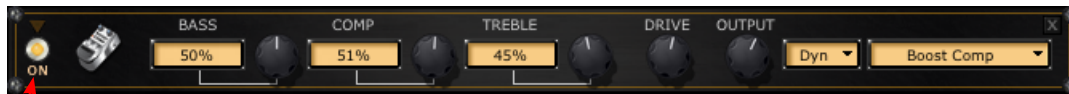
FX Model Type selector / Numerical Value display



Model-specific controls

FX Model menu / Bar Value display

- **Knob controls** - Click and drag any knob vertically to adjust its value. Or, click to “select” a knob and then use your computer’s arrow keys or mouse wheel to adjust it. Also, simply hovering your mouse cursor over any knob allows it to be adjusted via your mouse wheel. Most knob controls also include a numerical indicator/edit box that provides access to the parameter value as well (see the following description).
- **On/Off FX switch** - At the left of each FX Panel, you’ll see a little “LED” On/Off control. Click directly on this LED to toggle the Model between On or Off. You’ll see the LED and all edit boxes dim to indicate the Model’s Off (bypassed) state. Note that you’ll also see the Model’s icon within the Signal Flow View dim when Off - see [“Signal Flow View Features” on page 2•5](#). The panel’s knobs and text fields are not able to be edited when toggled Off.



On



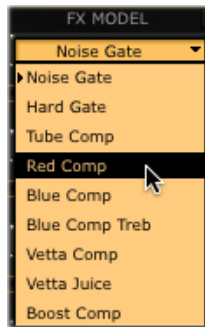
Off

- Model Type menu** - Click the down arrow to select from the list of FX Model categories. This list offers the same options for each FX Panel. Selecting “---” sets the FX Block to the “Null” (disabled) mode, which is essentially an empty FX Block (and thus, a blank, “Null” FX Panel) that utilizes no POD HD500X DSP resources.



The Model Type Menu

- FX Model menu** - Click the down arrow to select from the list of Models within the selected Model category. The FX Block’s icon displayed in the Signal Flow View will dynamically change to illustrate the specific Model you select.



The Model Select menu

- Numerical indicator/edit boxes** - Some knob controls have an adjacent text box that shows the numerical setting value. You can also click on the text box and drag up/down to adjust its value, or double-click within any box to type in a specific numerical value. Also, simply hovering your mouse cursor over any numerical edit box or knob allows it to be adjusted via your mouse wheel.



Click and drag vertically



Double-click and type in a value

- Mix knob value indicators** - For knobs that do not include an adjacent text box (typically a few of the knobs at the far right of some panels), these controls utilize the FX Type and Model Select boxes at the right of the panel to indicate their values. Just rotate one of these knobs and you’ll see this in action, such as when turning the Mix knob for most FX.

Numerical indicator display Bar value display



Adjusting an FX Panel’s Mix knob

Tempo Sync Parameter

When a Modulation, Filter or Delay Model Type is selected, you'll see a "Tempo Sync" control, which offers a selection of "Off" or several note division options.

Note: The "system" Tempo Sync option within the Mixer View further allows you to choose whether the FX follow the Tap Tempo as a per-Preset value or globally - see [page 4•4](#).



Modulation FX - Tempo Sync & Speed



Delay FX - Tempo Sync & Time

- **When set to Off:** The "Speed" or "Time" option to its right can be used to manually choose any desired rate for the effect's modulation speed (Hz) or delay time (ms).
- **When set to a note value:** The Tempo Sync is active, meaning the effect's speed or time utilizes the current "Tap Tempo" value, divided by your selected note value.
- **Stereo Delay FX Model:** Note that the Stereo Delay includes two, independent Delay Time parameters, therefore, you'll see 2 Tempo Sync options ("Sync Left" and "Sync Right") in the FX Edit Panel for this Model so that you can set each Time independently!



The two, independent Tempo Sync options for the Stereo Delay FX Model

Trails Option

Note that the "Trails" On/Off setting found in the Mixer View (see [page 4•4](#)) allows echo repeats and/or the decay of Delay and Reverb FX to continue when the Model is toggled off.

Controller-Assigned Parameters

When an FX parameter is assigned to the **EXP 1**, **EXP 2** pedal or **Variac Volume** or **Tone** knob controllers, you'll see this indicated within the FX Edit Panel (for parameters that include a numerical value box). The respective control for the parameter will display this "EXP-1" or "EXP-2" assignment in place of the numerical value - a reminder that this parameter can only be controlled via the Pedal. (Please also see ["To Assign an FX or Amp Parameter to a Pedal or Variac Knob Controller"](#) on [page 5•3](#).)

- For example, if the Pitch Glide Model's "Pitch" parameter is assigned to Pedal EXP-1, the Panel appears like this:



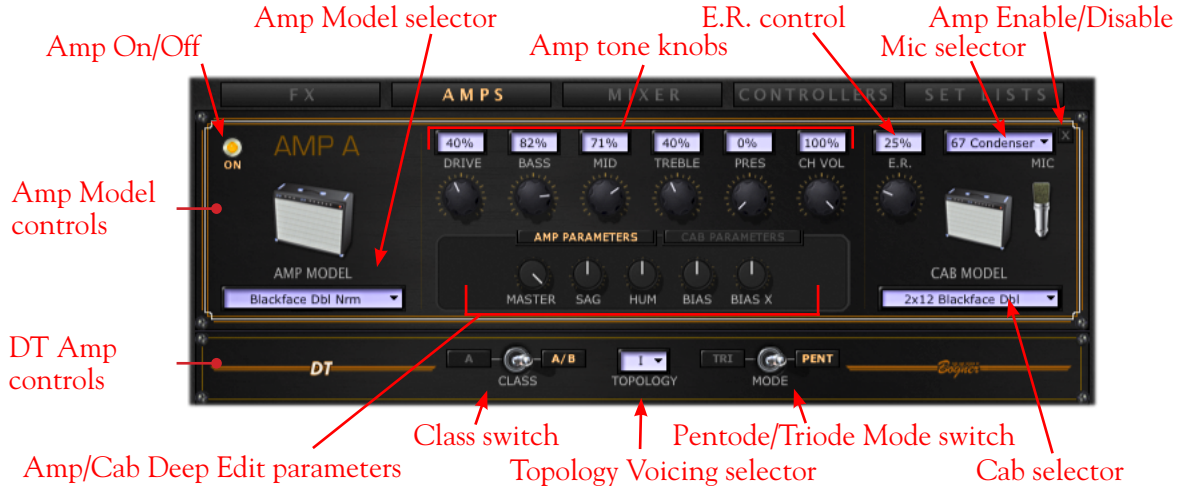
The Pitch parameter edit box shows the current EXP-1 Pedal assignment

- When a parameter is assigned to a Pedal, adjusting the respective Panel's knob (such as for the "Pitch" knob in our above example) does not send any info to the device.

Note: For Wah and Volume FX Models, if their "Position" parameter is not assigned to a controller, the Panel's Position knob can be used to dial in a fixed value - such as a "parked" Wah tone for the Wah!

Working with Amp Edit Panels

Select the **AMPS** button to display the Amp Edit Panels. Here you can access all options for selecting Amp/Preamp, Cab & Mic Models & edit all their parameters. Here you can also access the parameters that are sent to any L6 LINK™ connected DT50™ amplifier!



Above is an example of the Amps View for a Tone that includes one Amp Block. When only one Amp Block exists, it is always “Amp A.” When the Tone includes two Amp Blocks, you’ll see an additional “Amp B” edit panel - its controls are the same as described for Amp A, except where noted below (see [“Dual Amp Tones”](#) on page 3•7).

- **Amp On/Off** - When Off, all controls for the Amp, Cab & Mic Models are disabled, as well as the DT50 amp settings. Additionally, the CH VOL knob changes to an active BYP VOL (bypassed volume) knob, providing level adjustment for the signal fed through the Amp Block.



- **Amp Model selector** - Click on the Amp Model menu to select an Amp or Preamp Model. Note that when selecting an Amp Model this way, the default settings for the specific Amp are loaded.
- **Amp tone knobs** - Just as on your POD HD500X hardware, use the knobs here to adjust the Amp’s gain & EQ. Note that some Amp Models include a few knobs that are labeled differently than the POD HD500X physical Amp knobs. In the cases where the classic amps we’ve modeled include special knob controls, we’ve emulated their behaviors accordingly. These are listed as follows:
 - **Super O** - The actual Supro®* amp we modeled has only a Drive and a Tone knob. Therefore, in the Amp Panel we have a knob labeled “Tone” (which we mapped to the POD HD500X device’s MID knob) and we invented Bass, Treble, and Presence controls.


- **Divide 9/15** - The Divided by 13* amp we modeled offers two interactive channels. Therefore, in the Amp Panel we have a “Drive 1” knob (mapped to the device’s **DRIVE** knob) which controls the “clean” channel level, and a “Drive 2” knob (mapped to the device’s **BASS** knob) which controls the “dirty” channel level. Also, we’ve added “Tone” & “Cut” knobs in the Amp Panel to emulate these original amp controls (which are mapped to the device’s **MID** & **TREBLE** knobs, respectively).
- **Class A-15 & Class A-30TB** - Following the design of the Vox®* amps we modeled, we’ve added a “Cut” knob in the Amp Panel (which is mapped to the device’s **MID** knob). Turning the “Cut” knob counter-clockwise reduces the high end frequencies.
- **Early Reflections (E.R.) control** - Add the desired amount of reflective “room” sound to your amp tone. This is the equivalent of the E.R. control found in the **Amp-Edit Mode**, page 2 screen of your device.
- **Mic selector** - Choose from among the 8 different Microphone Models to use to mic your Guitar Amp. If you have selected the 115 Flip Top Bass Cab, you’ll see a unique set of Bass-friendly Mics here.
- **Cab selector** - Choose from among the list of speaker cabinets to use with your Amp. Note that the 115 Flip Top is a Bass Amp Cab, but you can certainly try any Guitar Cab with Flip Top Bass Amp, or vice-versa, for different tones.
- **Deep Edit Parameters (DEPs)** - The set of knobs here provide even more tweaking power amp and speaker characteristics. Click on the buttons to toggle between accessing the Amp or Cab set of DEP knobs. When adjusting one of these knobs, its value is displayed as shown below:

* Note: When a Preamp Model is in use, the Amp DEP knobs are not available within the Amp Edit panel (just as they are not displayed in the hardware’s Amp Edit panel for a Preamp Model).

- **Power Amp DEPs** - The 5 knobs here relate to the power amp parameters (Master Volume, Sag, Hum, Bias & Bias Excursion) found within the device’s Amp Edit screens whenever a “Full” Amp Model is in use. Note that when adjusting one of the DEP knobs, its value is displayed as shown below:



The DEP knob’s value is indicated numerically, and beneath the Amp Model or Cab Model while adjusting

- **Speaker Cab DEPs** - The 4 knobs here relate to the speaker cab parameters (Low Frequency Cut, Resolution Level, Thump, & Decay) found within the device’s Cab Edit screens.
-  **Amp Enable/Disable switch** - Clicking on this “X” button at the top right of each Amp panel has the same result as choosing the “---” (no amp) option in the Amp Model selector. It unloads the Amp/Cab/Mic Models and places the Amp Block in a “Null” (disabled) state. You’ll see the Null Amp Block displayed in the Signal Flow Panel to indicate this state as well. (To “Enable” the Amp Block again, choose the desired Amp using the Amp Model selector.)

* All product names are trademarks of their respective owners, which are in no way associated or affiliated with Line 6. These product names and descriptions are provided for the sole purpose of identifying the specific products that were studied during Line 6’s sound model development. Supro® is a registered trademark of Zinky Electronics. Vox® is a registered trademark of Vox R&D Limited.



The Amp Panel in the “Null” (disabled) state



The respective “Null” Amp Block shown within the SFV

TIP: Any of the Amp Tone Knobs can optionally be controlled with the POD HD500X EXP 1 & EXP 2 pedal controllers, and Variax knob controllers! See [“To Assign an FX or Amp Parameter to a Pedal or Variax Knob Controller” on page 5•3.](#)

Dual Amp Tones

As mentioned above, when your tone includes 2 Amp Models, you’ll see an additional “Amp B” edit panel displayed. Its controls adjust the Amp B parameters independently, just as described above for Amp A. A few specific Amp B behaviors apply.



The Amp Edit View with a Dual Amp Tone loaded

- **Removing Amp B:** It is possible to remove Amp B from your Tone - For example, if you move Amp A out of Path A to the Pre or Post positions, Amp B is automatically removed. (It is not possible to move Amp B’s position.) When Amp B is removed, you’ll see its Amp Edit Panel removed from the Amp Edit View as well.
- **DT Series Amp Settings:** The Amp A & B Models each have their own set of DT amp settings - see next section.



DT Series Amplifier Controls



DT Amp Controls

There are two sets of DT amp controls available within the Amp panel: one each for the Amp A Model and Amp B Model. Each set of controls can be used to configure a DT50 or DT25 amplifier's tube power amp Topology parameters for the selected Amp Model. These settings are saved with your Preset, but only utilized when your POD HD500X is connected to one or more Line 6 DT Series amplifiers via the L6 LINK connection.*

*Note: These DT settings are strictly for the power amp Topology settings utilized by DT50/DT25 amps via the L6 LINK connection. The POD HD500X Amp/Preamp Models' "Audio" & "Control" signals fed to each connected DT amp is separately determined by settings made using the L6 LINK options within the Mixer View - see ["L6 LINK Audio & Control Options" on page 4•3](#).

- When choosing a new Amp/Preamp Model, we've already pre-configured default settings for these 3 parameters to match those of each classic amplifier that we modeled. But you can change these settings within the DT panels as desired to coax completely different analog power amp Topology combinations from your DT!
 - **Class switch** - Toggles the DT power amp to function in Class A or Class AB operation.
 - **Topology Voicing selector** - Chooses the DT Negative Feedback Loop Topology type (I, II, III or IV), as well as other power amp circuitry voicings.
 - **Mode switch** - Selects the DT power tube mode between Triode or Pentode.

Please also see the and additional POD HD - L6 LINK documentation available at <http://line6.com/support/manuals/> for more details about these DT Series amplifier settings and L6 LINK connectivity.



Line 6 DT50 Combo Amplifier



MIXER VIEW

In this chapter, we'll cover the Mixer View, where you'll find controls for the Mixer Block, Variax®, L6 LINK™, and Tempo Sync & Trails options.

Mixer Block & Variax Options



The Main Mix and Variax Input controls

Main Mix Controls

These controls at the left are the equivalent of the Mixer Block parameters available on your device when selected within the device's Signal Flow View (SFV) screen. These faders & knobs offer independent Level and Pan control for the stereo signals from Path A and Path B, which are then fed into any Models in the "Post" SFV position and out to the device's outputs. These settings are saved per Preset.

For additional details on POD HD500X signal routing, please refer to the *POD HD500X Advanced Guide*, available from the [Line 6 Product Manuals page](#).

- **Level Faders:** Adjust the output level from Path A or Path B from "Mute" to +12dB. Just drag the fader or numerical edit box below it with your mouse, or, once you click on the fader, use your mouse wheel or computer arrow keys to adjust it. Alternatively, you can double-click in the numerical box and type in a specific value.
- **Pan Knobs:** Adjust the knobs to Pan the Path A or Path B output signal. Use your mouse, arrow keys on the knob or edit box as described above for the faders.
- If you have a dual Amp Tone configuration, try panning each Path opposite and adjust the levels of each to taste for a huge stereo sound with two different amp sounds. Also try moving different FX Models into each path for even more dramatic stereo results!



Variax Controls

If you are using a Line 6 Variax instrument, connect it to the **VARIAX** VDI input on the back of POD HD500X and select a “Variax” input option for at least one of your Source Inputs (see the Input settings on [page 2•2](#)). These options are the same as offered within the device’s **Setup:Variax** screens.

- **VDI (Variax Digital Interface) Input:** Select your connected Variax instrument type here. Once selected, you’ll see additional options for your specific Variax.
- **Variax Control:** Choose “Preset” here to allow the Variax options you select be applied and saved with the current Preset only. Or, choose “Global” to have these Variax settings apply regardless of the current POD HD500X Preset in use.*

*Note: The Variax Control - “Global” setting does not apply to Variax Tuning options that appear for the James Tyler Variax guitar.

- **Local Control: (Available for James Tyler Variax guitars only)** These options allow you to “lock” the operation of the instrument’s Volume and/or Tone knobs and Pickup selector switch for the Modeled output of your JTV.* When locked, they will not control the guitar’s Modeled Volume/Tone/Pickup selection. It can be desirable to lock these local controls if you assign them to function as Controllers for POD HD500X Amp or Effects parameters. Please see [“To Assign an FX or Amp Parameter to a Pedal or Variax Knob Controller” on page 5•3](#) for more information.

*Note: For the Magnetic output mode of the JTV guitar, only the Volume knob Lock functionally “locks out” the local volume control. The Tone knob and Pickup selector switch will always function locally for the Magnetic output, regardless of these Local Control - “locked” settings.

- **Model:** Select the Variax Guitar/Bass Model here. Or, set to “Don’t Force” if you prefer to not have the Variax Model auto-selected by the POD HD500X Preset, as noted above.
- **Variax Tuning: (Available for James Tyler Variax guitars only)** Choose “Don’t Force” here to allow your JTV to utilize its local tuning, or select “Custom” if you want to create an alternate tuning and have it saved and loaded per Preset.
 - To create a Custom tuning, use the individual string selectors below and **Offset** menu to change the specific tuning for each string.
 - The Offset will change the pitch by the selected +/- semi-tone value relative to your JTV string’s physical tuning. (The Offset feature assumes your guitar is physically tuned to standard pitch (E, A, D, G, B, E), with an A = 440 Hz reference.)
- **Tone Knob(s):** You’ll see knobs corresponding to your Variax Guitar/Bass knobs here. Set each to the desired setting for the Preset.



L6 LINK Audio & Control Options



The L6 LINK Audio & Control options for up to four DT Series amplifiers

These options are the equivalent of those found in the **Setup - L6 LINK:Audio** and **L6 LINK:Control** screens of your POD HD500X device - changes made via the hardware or software are reflected in both. All options here are saved per Preset. To follow is an overview for these settings.

Note: Use the DT amplifier options for each Amp Model within the Amps View panel to customize the power amp Topology settings that the respective DT amp utilizes for each of the Preset's Amp Models - see the "DT Series Amplifier Controls" section on page 3•8.

Amp 1 - Amp 4, Audio Options

The selection you make for each of these options determines the mono audio signal that is fed to each DT amplifier:

- Choose the main output signal by selecting either **Left**, **Right**, or **Left/Right** (summed).
- Choose from the output point of one specific Amp Model by selecting either **Amp Model A** or **Amp Model B**.

Amp 1 - Amp 4, Control Options

The selection you make for each of these options determines whether each connected DT Series amplifier "follows" the POD HD500X Amp Models & settings and/or other connected DT amps' settings.

- Each DT amp can be set independently to follow either the current Preset's **Amp Model A** or **Amp Model B**.
 - The DT amp automatically configures its power amp Topology settings to match the selected Amp Model A or B.
 - The DT amp controls are also synced to the selected Amp Model A or B.
- Alternatively, you can select one of the unused MIDI Channels to set the DT amp's MIDI communication channel. This effectively sets the respective DT50 to utilize its own internal Amp Model (rather than the POD HD500X Amp Model), and "syncs" its front panel controls with other DT amps that are set to the same MIDI Channel.

L6 LINK offers a great deal of flexibility and instructions differ depending upon the number of DT50 amplifiers connected and the results you wish to achieve. Please see the additional **POD HD - DT Series L6 LINK Connectivity Guide** available at <http://line6.com/support/manuals/> for the full info!



Utilities Options (Tempo Sync & Trails)



The Tempo Sync and Trails options

As described on [page 2•2](#), Tempo-based FX each include their own, individual “Tempo Sync” option to either follow the Tap Tempo BPM value, or to be set manually. Additionally, this “system” Tempo Sync option here in the Mixer View allows you to choose whether the FX follow the Tap Tempo as a per-Preset value or globally. This Tempo Sync option is the equivalent of the option found in your device’s **Setup:MIDI/Tempo** screen.

- **Tempo Sync:**
 - **When set to Preset:** Tempo settings are saved and recalled on a per Preset basis.
 - **When set to Global:** Tempo information stored within any Preset is ignored. When saving a Preset while set to Global Tempo Sync, the Global tempo value will be saved with the Preset.
- **Trails:**
 - **When set to On:** Allows echo repeats and/or the decay of Delay and Reverb FX to continue when the Model is toggled Off.
 - **When set to Off:** Silences any FX echo repeats/decay instantly when a Model is toggled Off.



CONFIGURING FOOTSWITCHES & CONTROLLERS

In this chapter we'll cover the Controllers View Panel, where you can create and customize assignments for Pedal & Variax knob Controllers and Footswitches for your POD® HD500X Presets. Additionally, you can use the MIDI Assign functions to independently allow your device's Pedals or Footswitches to transmit MIDI control messages, turning your POD HD500X into a handy MIDI Controller device for your other MIDI gear!

The Controllers & Footswitches Options



The Controllers and Pedal Assignment options

These options allow you to configure “On/Off” Footswitch and/or Pedal and Variax Knob Controller assignments for any of the current Preset’s Amp or FX Model parameters. These options are the equivalent of those found in your device’s **Controller Assign** screen. The **Footswitches** pane provides a handy at-a-glance reference for the existing footswitch assignments for FS1 - FS8, as well as the On/Off state of each. You can also click on the FS buttons in the pane to remotely toggle FS1 - FS8. To follow are instructions on how to use these options.

To Assign an FX or Amp Model to a Footswitch

Start by loading a saved Preset, or customize one to add your desired Amp & FX Models. For this example, we'll assign our tone's Dynamics-Boost Comp FX Model to FS1 so that it can be toggled On/Off via this footswitch.

Note: POD HD500X footswitches **FS5** through **FS8** can be configured to either “Pedalboard Mode” (where they can be assigned to toggle Models On/Off) or “Presets Mode” (where they recall the current Bank’s **A**, **B**, **C** or **D** Presets). This is configured within your device’s **Setup:Utilities** screen.

In the **Controllers** pane, initially you'll see all the fields appear blank. This is the normal default state until you select a Model to configure assignments for it.



The Controllers pane - initial “blank” default state

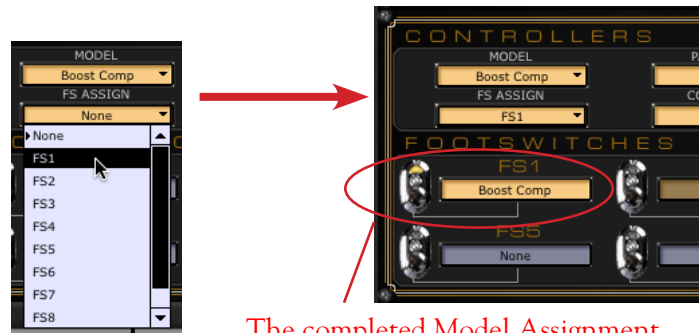


Click on the **Models** menu. Here you'll see each of the Amp & FX Models that are loaded within your current Tone. We'll select the **Boost Comp** Model for our example.



The Controllers - Model menu, selecting the Boost Comp

Once a Model is selected, the next step is to click on the **FS Assign** menu. Here you can select the footswitch to which you want to assign the Model. Choose from among **FS1 - FS8, Toe Switch**, or **None**. (You can choose None for any Model that is currently assigned to *remove* its FS assignment.) We'll choose **FS1** to toggle the Boost Comp with this footswitch...



The completed Model Assignment appears in the respective FS slot

Assigning the Boost Comp Model to FS1

This completes the FS assignment. Click directly on the **FS1** switch in the Footswitches pane, or stomp on **FS1** on your device to give it a try. Repeat the above steps to assign other Amp or FX Model to other Footswitches as desired.

Optionally, 2 or more Models can be assigned to the same, single footswitch. This can be a clever way to toggle between two different FX Models. For example, say you have two different Distortion Models loaded in the same Preset, and you'd only like to use one at a time, but want to toggle between them to utilize their different sounds for different parts of your song performance...

- To create this configuration, go into the **FX Edit Panel** screen and toggle one Distortion Model "On" and the Other "Off" to start. Then repeat the above steps, selecting each Distortion Model and assigning each Model to the *same* Footswitch. When two or more Models are assigned to the same footswitch, this FS is labeled as "Multi" to indicate this multiple assignment:



A Footswitch with a multiple Models assigned



- Now when you stomp on this footswitch, you'll see (and hear) one Distortion Model toggle Off, while the other simultaneously toggles On! This type of switch assignment is exactly what we've done for any Factory Preset where you see both a Wah and Volume Pedal FX, where we assigned both FX Models to the Toe Switch to allow you to toggle between using either Wah **or** Volume via the Pedal's Toe Switch.

Note each Model can only be assigned to one Footswitch maximum. That is, if you select a Model that is currently assigned to a footswitch and select a different footswitch from the **FS** menu, the assignment for the Model is removed from the previous FS and established on the new, selected FS.

Be sure to save your Preset once your footswitch assignments are complete to retain your settings with the Preset!

To Assign an FX or Amp Parameter to a Pedal or Variax Knob Controller

You can choose from among hundreds of Amp & FX Model parameters to be assigned to the POD HD500X **EXP 1** or **EXP 2** Pedals, or to a Line 6 Variax instrument's Volume or Tone knobs!* Start by loading or customizing a Preset to include an Amp or FX Model which includes a parameter you'd like to control with an EXP Pedal.

*Note: The POD HD500X on-board Pedal can be switched between controlling **EXP 1** or **EXP 2**. Or, if you connect an Expression Pedal to the **PEDAL 2** jack, the on-board pedal becomes dedicated to **EXP 1** and Pedal 2 to **EXP 2**. See the [POD HD500X Advanced Guide](#) for more info on using Pedals.

- First, select the desired Model for which you'd like to control a parameter. Clicking on the Controllers pane - **Model** menu shows the list of all loaded Models for the current Preset. For this example, we'll configure the **Delay-Tube Echo** FX Model's **Mix** parameter to be controlled by **EXP 1**.



Selecting the Tube Echo in the Model Menu

- Once a Model is selected, the next step is to click on the **Parameter** menu. Here you can select any listed parameter for this Model - we'll choose **Mix**.



Selecting the Tube Echo's Mix parameter



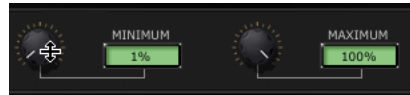
- Now, in the Controller menu, choose the **EXP 1** or **EXP 2** for the desired Pedal Controller, or one of the **Variax** knob options.* If you've selected a parameter in the previous step that was already assigned to a controller, you can choose **Off** to remove the existing assignment.

*TIP: If you are using a James Tyler Variax, choose one of the a Variax "locked" knob options within the Mixer - Variax - Local Control section if you prefer that the knob then no longer also controls the guitar's local Volume or Tone for its Modeled output - see ["Variax Controls" on page 4•2](#).



Choosing the EXP 1 Pedal Controller

- Finally, if you'd like to set the **Min** ("heel") and/or **Max** ("toe") values for the Pedal or Knob range for this parameter, adjust the knobs here.



Adjusting the Min/Max Pedal or Knob range

- This completes the Controller assignment. The Controllers pane will now display your settings. Note that the Controller assignment is specific to the Amp or FX Block's Model for which you created it. If you change the Block to a different Model, the assignment is discarded.



The Controller pane showing our completed Pedal assignment

- Repeat the above steps to assign another Model's Parameter to another Controller, if desired. It is also possible to assign multiple parameters to one, common Controller, with the result being that all parameters are controlled simultaneously with the one Pedal or Variax Knob. There are no rules here, so get as wild as you like with remote control!

Note: When you add a Wah FX Model to your tone, the "Position" parameter for the Wah is automatically assigned to **EXP 1**. Likewise, when adding a Volume or Pan FX Model, its Position parameter is automatically assigned to **EXP 2**. This will result in multiple items assigned to these EXP Pedals if you already have existing Pedal Controller assignments. For all Factory Presets that already include a Wah, Volume or Pan, these are typically already assigned as well.

Be sure to save your Preset once your Assignments are complete to retain the settings with the Preset.



The MIDI Assign Options



The MIDI Assign options pane

These options are the equivalent of those found in the **MIDI Assign** screen of your POD HD500X device - changes made via the hardware or software are reflected in both. You can configure any of the device's footswitches or Pedals to transmit MIDI Control messages to its MIDI OUT port. This allows you to utilize POD HD500X as a MIDI Controller Device for any connected MIDI hardware or software that responds to these message types (MIDI CC, Bank or Program Change or Note On). All options here are saved per Preset. Note that these MIDI assignments are completely independent of any assignments made in the upper **Controllers** and **Footswitches** panes.

Creating & Editing a MIDI Assignment

To create a MIDI Assignment for any footswitch or Pedal (or to edit an existing assignment), first use the **Footswitch** knob to choose the desired switch or Pedal - you'll then be able to access its available options. Once the desired switch/Pedal is selected, you'll see the device's MIDI Assign LCD screen display and operate in sync when accessing any other parameters. To follow are descriptions on the MIDI Assignment options, and some tips on how to use them.

Note: Details about POD HD500X MIDI Control functionality and MIDI message types can be found in the [POD HD500X Advanced Guide](#).

- **Footswitch:** Select the desired footswitch or Pedal for which you want to create an assignment, or to view or edit an existing assignment. Choose from **FS1** through **FS8**, **LOOPER**, **TAP**, **EXP TOE** (the "Toe Switch" of your on-board Pedal) footswitches, or **EXP1** or **EXP2** Pedals.
- **MIDI Channel:** Next, choose the MIDI Channel on which the selected footswitch/Pedal control will transmit its MIDI command.
 - **None:** Sends no MIDI data. (Note that you won't see other options in this panel become editable until you select an option other than "None.")
 - **Base:** Sets a the control to follow the current "global" MIDI Channel, as set in the device **Setup - MIDI/Tempo** screen. This is a handy feature to have any Presets' MIDI Controls set to "Base" to dynamically follow the common Setup -MIDI Channel value.
 - **01 - 16:** Choose the MIDI Channel on which to transmit the selected control's messages.

Note: The L6 LINK Control communication also utilizes the device's same MIDI Channels, therefore, you'll want to set these MIDI Assign options and L6 LINK Control options to **different** MIDI Channels if you are to be using both! Also see "[L6 LINK Audio & Control Options](#)" on page 4•3.



- **Message:** Once you've selected the desired MIDI Channel, use this knob to choose the type of MIDI message sent by the selected control. Note that you'll see different Message types available depending on the "Footswitch" control you have selected:
 - **FS1 - FS8, LOOPER, TAP** and **EXP TOE** footswitches can each be assigned to send MIDI CC, CC Toggle, Program Change (fixed), Bank Change (fixed) or Note On messages.
 - The **EXP1** and **EXP2** pedal controls can be assigned to each send one MIDI CC with a definable Value Range, which allows you to sweep a variable parameter on your target device.
- **CC #, Bank and Program:** These knobs select further options, depending on the Message Type selected with the previous knob.
 - **CC #:** When the Message Type is "CC" or "CC Toggle," this allows the choice of any MIDI CC number from 000 to 127. If editing **EXP1** or **EXP2** controls, this knob sets the Minimum CC value for the pedal. (Also see the following Value knob description.)
 - **Bank:** When the Message Type is "Bank Change," this allows the choice of fixed Bank Value of 000 to 127. (Note that whenever a Bank Change is sent, a Program Change value #001 is additionally sent to allow the receiving device to typically recall the first patch within the selected Bank.)
 - **Program:** When the Message Type is "Program Change," this allows the choice of a fixed Program Value of 000 to 127.
 - **Note:** When the Message Type is "Note On," this allows the choice of the specific musical note value (C0 to G9)
- **Value and Velocity:** These knobs select further options, depending on the Message Type settings.
 - **Value (CC):** When the Message Type is "CC," this sets the value for the CC that is sent on every press of the switch control (000 - 127). When editing the **EXP1** or **EXP2** controls, this sets the Maximum Value for the Pedal.
 - **Value (CC Toggle):** When the Message Type is "CC Toggle," you can select 000 or 127 to choose an "On" or "Off." The control sends alternating messages per click.
 - **Velocity:** Sets the Velocity value for the Note message (000 - 127).
 - Note that no option is available if the Message Type is "Program Change" or "Bank Change."
- **Min and Max:** When either **EXP1** or **EXP2** is the current control selected in the Footswitch field, these two knobs become available. Use the Min. to configure the minimum (heel position) value of the Pedal, and the Max. to configure the maximum (toe position) value. Typically, you'll want to set Min. to 000 and Max. to 127 to access the full range of the parameter you are controlling.

Be sure to save your Preset once your MIDI Assignments are complete to retain the settings with the Preset.



SET LISTS AND PRESETS

The Set Lists View is the place where you can access all your POD® HD500X Set Lists, and all Presets within them. In this chapter, we'll cover all the possibilities for managing your Set Lists & Presets using both the Set Lists View as well as the main Presets Panel.

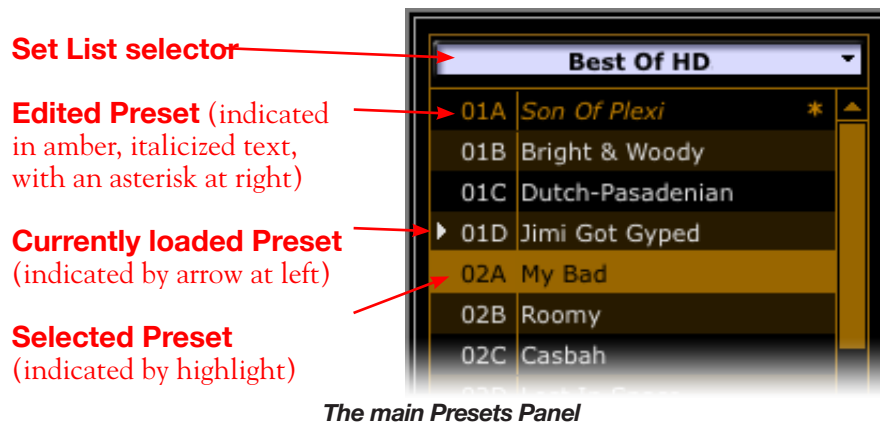


The Set Lists View

It is important to note that none of the changes to the Preset Panel & Set Lists contents are committed to the internal memory of your device until you “Send” your Preset(s) to the device, which you perform using the Save Controls (see [page 2•1](#)). Or, you can use the File menu’s Save As commands to save copies of any Preset, Set List or complete Bundle to your computer. It is a good idea to perform a save of all Presets to create a full backup Bundle on your computer before editing and/or reordering Presets - see [“Saving and Opening POD HD500X Preset Files” on page 1•4](#).

Main Presets Panel

Although not part of the Set Lists View, the Presets Panel within the main GUI offers many features for managing Presets, and it is helpful for you to take a look at this panel first. Start by selecting any View other than the Set Lists View to allow the main Presets Panel to be accessed. The main Presets Panel always displays the Set List currently loaded in POD HD500X, and the selector at the top allows you to choose any of the 8 Set Lists from your device’s internal memory. You can select any of the current Set List’s 64 Preset locations (01A - 16D) to load its Preset, or perform other actions.



The edited, currently loaded and selected Preset states are also indicated the same way within Set Lists View. See the next section for actions that are possible within the main Presets Panel, as well as within the Set Lists View panels.

Set Lists View Panels

When you want to do more than just manage the current Tones in the main Presets Panel, click on the Set Lists button to display the full Set Lists View. The main Presets Panel at the left will become disabled when the Set Lists View is displayed. Just as with the main Presets Panel, each Set List panel within the Set Lists View provides access to each of its 64 Preset locations. To follow are the actions possible within any Set List (as well as within the main Presets Panel when it is active).

- **Load a Preset:** Double-click on any Preset to load its settings into the editor, or hit “Enter” on your computer keyboard to load the currently selected Preset. If you select a Preset within a different Set List Panel than the currently loaded one, this loads the new Set List as well.
- **Select a Preset:** Click once on any Preset to “select” it. Note that this does not load the Preset, but rather allows you to perform actions on the Preset - such as to “Send” or “Receive” Presets (see the Save Controls on [page 2•1](#)).
- **Multi-Select Presets:** It is also possible to select multiple Presets within the *same* panel:
 - Press and hold your Shift key+click to select a contiguous number of Presets.
 - Press and hold your Cmd key+click (Mac®) or Ctrl key+click (Windows®) on the desired Presets to select a non-contiguous number of Presets.



Contiguous selection of multiple Presets Non-contiguous selection of multiple Presets

- It is not possible to drag multiple selected Presets within the same Set List Panel. But you can drag multiple-selected Presets into a different Set List Panel to copy them into the same



respective Channel locations within the destination Set List.

- **“Insert” a Preset into a different Channel location:** Click on a Preset and drag it up or down within the same Set List Panel. Drop the Preset onto the desired Channel location to move the Preset there.
- Drag and drop a Preset from one Set List Panel into any channel location within a different Set List Panel and the Preset will be *copied* into the new location.
- **“Swap” the Preset settings between two Channel locations:** Click on a Preset to select it, then hold your Shift key and click and drag the Preset to the new desired Channel location - either within the same Set List Panel, or into a different Set List Panel.
- **Copy & Paste a Preset to a new Channel location:** Click on a Preset to select it. Then hold your Option key (on Mac®) or Ctrl key (on Windows®) and click and drag the Preset to the new desired Channel location. This replaces the Preset in the destination location. (Note that it is not necessary to hold any modifier key when dragging a Preset between two different Set List Panels to copy into the new location.)
- **Save a Preset to your computer:** There are a few ways to save a copy of the currently loaded Preset to your computer:
 - Use the File menu’s “Save As” commands (see [page 1•4](#) for more about saving and opening Preset, Bundle & Set List files).
 - Drag a Preset (or multiple selected Presets) from any Set Lists Panel (or from the main Presets Panel, when active) directly onto your Desktop, or into any folder on your computer.
- **To rename a Preset:** Select the desired Preset, wait a second, then click again directly on the Preset name. You’ll see the Preset’s name become highlighted. Type in your own text and hit the Enter key. Be sure to do a Send or Save of the Preset to retain your modified name.



LINE 6 MONKEY & ADDITIONAL RESOURCES

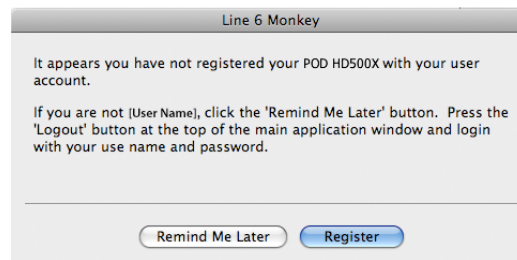
Line 6 Monkey™ is the intelligent updater utility automatically installed with the POD® HD500X Edit application, or available from line6.com/monkey. It is highly recommended that you run Line 6 Monkey often to be sure you have all your Line 6 products updated and registered.

Using Line 6 Monkey

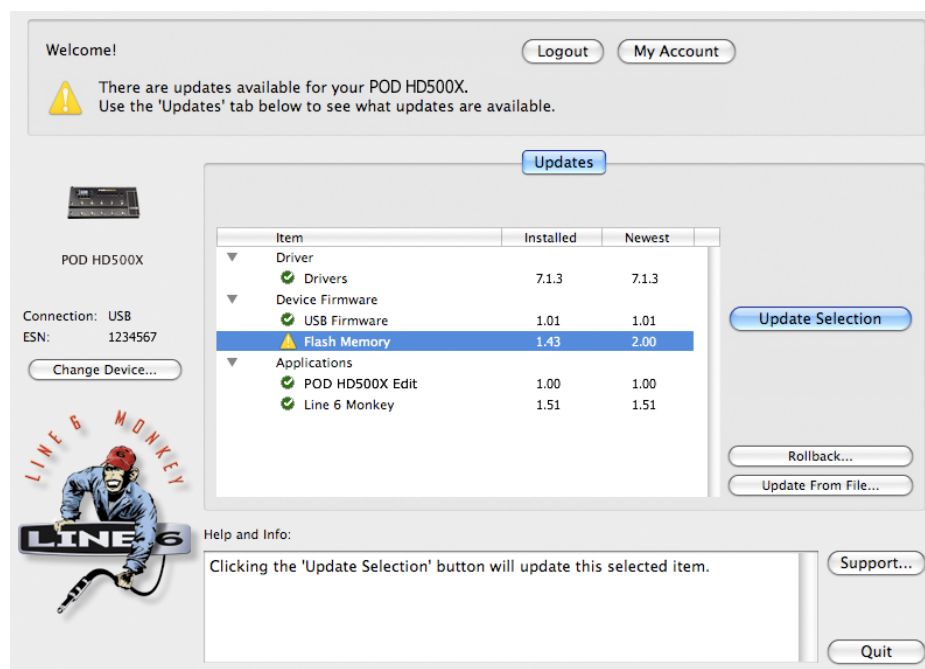
With POD HD500X connected & powered on (see [“Computer Connectivity” on page 1•2](#)), quit all other Line 6 and audio applications and launch Line 6 Monkey:

- On Mac®, go to Applications > Line 6 > Line 6 Monkey
- On Windows®, go to the Start button menu > Programs > Line 6 > Tools > Line 6 Monkey

If Monkey prompts you to register your POD HD500X, then please do so now - it may be required to register to obtain some product updates. Follow the prompts through the quick online registration. Return to Line 6 Monkey once you've completed the registration.



Monkey will then display your POD HD500X Driver and Device Firmware versions, available Applications and any available updates.



The Line 6 Monkey Updates screen, with POD HD500X connected



As an example, in the above screenshot Monkey has detected that a newer Firmware - Flash Memory version is available. In this scenario you can select the Flash Memory item and click **Update Selection**. Be sure to read the prompts carefully and Monkey will assist you in performing the update in minutes. It is especially important not to disturb the devices' controls and cable connections until the update fully completes!

Variac Users: If you are using a Line 6 Variac instrument then it is highly recommended to install any available updates for it as well. To update a Variac instrument, connect it into the **VARIAX** (VDI) input on the back of POD HD500X. Connect POD HD Pro to your computer's USB port, launch Line 6 Monkey, and choose the Variac when prompted by Monkey as the device to which you want to connect. Use Line 6 Monkey as described above.

Additional Resources

Hungry for more info? We've got plenty of helpful online resources, just a click away.

- Additional Help documentation covering POD HD500X hardware, DT50 amplifiers and related products is available from the Line 6 Support site: [Line 6 Product Manuals](#)
- Visit the CustomTone™ site where you can share your POD HD500X Tones with the world, and download free Tones created by Line 6 and other users just like you: [CustomTone](#)
- Can't get enough of that Line 6 Gear & accessories? Head on over to the [Line 6 Online Store!](#)
- Check out the Support page for access to helpful tips, videos, discussion forums, or to contact Line 6 Technical Support: [Line 6 Support](#)

