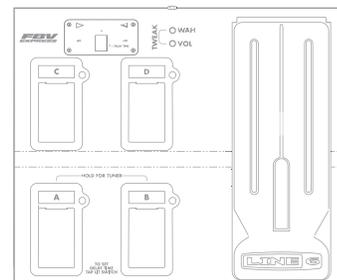
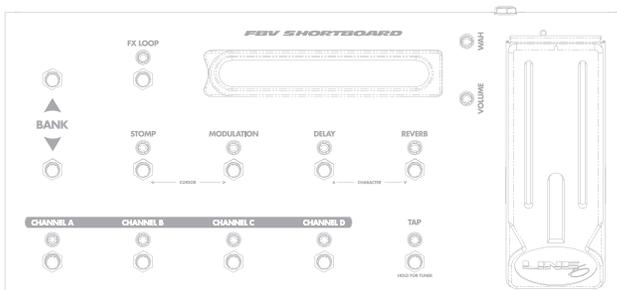
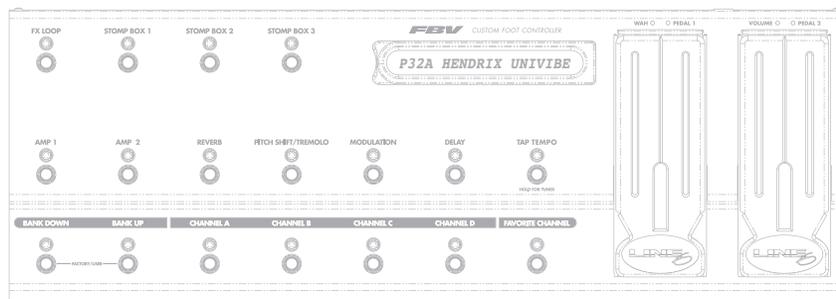
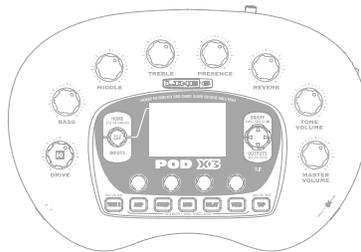




# FBV™ - POD® X3 Control Guide

Using the FBV™, FBV Shortboard™ or FBV Express™ with POD® X3

POD X3 Firmware Version 1.01



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## GETTING STARTED

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Congratulations if you've obtained both a Line 6 POD X3 along with an FBV™, FBV Shortboard™ or FBV Express™\* since you are now equipped for some serious tone creation - as well as hands-free access to your custom presets! This document will walk you through setting up and using your FBV Series Controller specifically with POD X3.

As you've likely discovered by now, POD X3 is one powerful hunk of gear! So, to get the most out of your X3 and best understand just what the FBV buttons and pedals are accessing, it is recommended you read through the very helpful info in your *POD X3 Pilot's Handbook*. In particular, the “**Tutorial: POD X3 for Guitar**” section provides a quick run-through on how to create, tweak and store your custom Tone Presets (don't be afraid - there are even pictures!) Another handy resource is the *FBV Series Controller User Manual*, which comes in the box with your FBV Series Controller. If you cannot find these printed manuals, then you can download them from the Line 6 web site here:

<http://line6.com/support/manuals/>

Your FBV Series Controller allows you to remotely call up the Tones within the POD X3 **User** folder. A good number of User Tone Presets have already been created for you on your POD X3, but you'll probably want to customize and create your own Tones, which you can save to the memory locations within this User folder.

\* Note that POD X3 works with the FBV Series Controller models only and is not compatible with the older Line 6 Floor Board or FB4.

### Updating & Registering with Line 6 Monkey

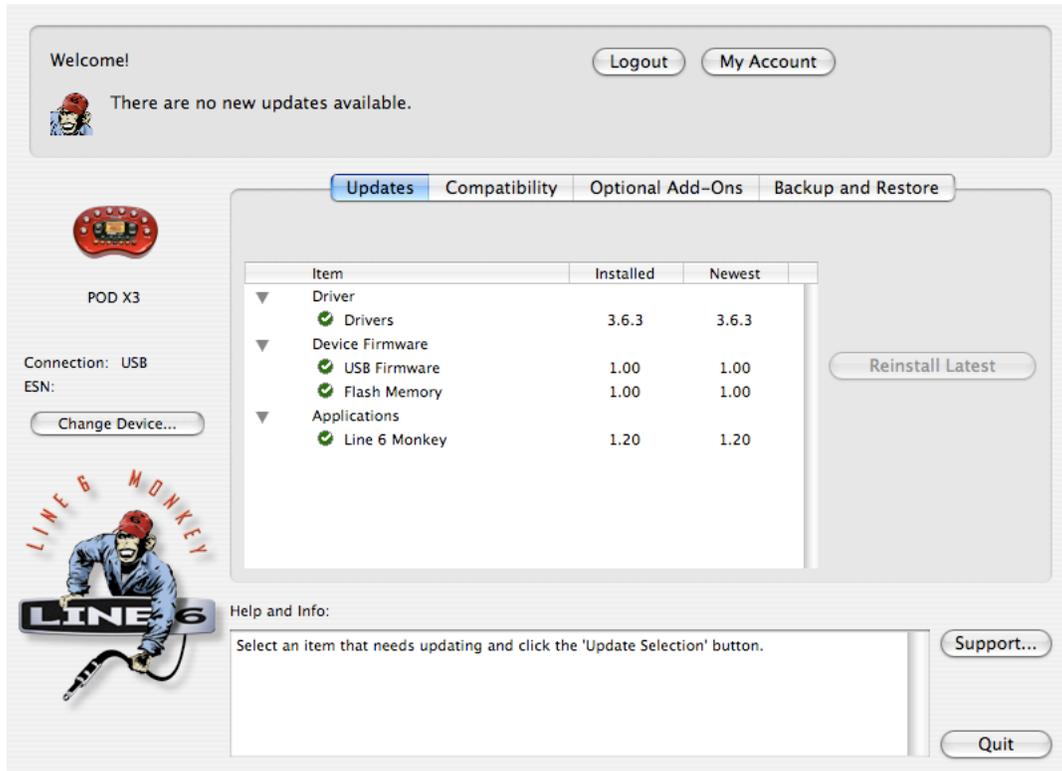
OK, so maybe you already read about doing this updating & registration stuff for your POD X3 and FBV, but in case you were too excited with your new gear to get to that yet, now is the time to do it! This is all very easy using Line 6 Monkey on your computer with an Internet Connection...

Line 6 Monkey is the intelligent updater software utility that you can get free from the Line 6 web site:

[www.line6.com/monkey/](http://www.line6.com/monkey/)

Once you download the file, go ahead and install the Line 6 Monkey software, connect your POD X3's USB cable to your computer, power it on, and then launch Line 6 Monkey. Monkey will automatically check to see if you have all the latest updates to allow you to get the most out of your POD X3. It's also a great idea to do this every so often to keep things up to date.

\* Note - This Guide specifically covers POD X3 Firmware Version 1.01. Please use Line 6 Monkey to check that your POD X3 is updated to this (or later) Firmware Version.



## Login Account

You'll need to Login so that Line 6 Monkey can communicate with the online Line 6 Server to provide the specific product updates for your gear. It's just a few clicks, and it's free!



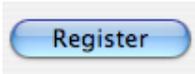
- If you have a Line 6 account, type in your User Name and Password at the top of the Monkey dialog.
- If you have not yet created an account, click the New User button and you'll be walked right through the steps.

## Register Your Hardware

Registering your Line 6 hardware is also very important because it ensures that you're dialed in for warranty service and makes it possible for us to contact you if new software versions or other cool enhancements are offered - cutting edge technology and such!

If you have not already done so, you'll be prompted to Register your connected Line 6 hardware. It's a painless process really, so click that Register Now button and fill in the blanks on the web page. This page will list all your registered Line 6 gear in one place. It's all quite simple, just click on the Register

button when Monkey prompts you to do so and you'll be walked through the steps.



## Connecting the FBV to the POD X3

Connecting your POD X3 to your FBV, FBV Shortboard or FBV Express is accomplished with one simple cable connection.

- First, power OFF your POD X3.



Your FBV unit comes with a long cable that has “RJ-45” connectors on each end. Note that this cable is indeed a standard “Category 5” computer network cable. So, in case you lost yours, or your drummer friend sliced through it by dropping his cymbal on it, you can simply run down to any electronics or computer store and ask for a cable of this type.

- Plug one end of this cable into the **TO AMP OR POD** jack on the back of the FBV unit, and the other end into the **FBV PEDAL** jack on the POD X3.
- Power on your POD X3.

Power is supplied to your FBV unit via this same cable connection. You should now see the FBV display show a patch name and/or indicator lights illuminated. The FBV will work just like this, and by stomping on one of the BANK or A, B, C, D buttons you should see it call up the respective Tone Preset that is stored in the USER folder on the POD X3.

## Expression Pedal

FBV Shortboard owners can optionally add a 2nd pedal for even greater control! The Line 6 EX-1 Expression Pedal is designed to work with the FBV Shortboard by simply plugging it into the Expression Pedal jack on the back of the chassis. The EX-1 also works with any other Line 6 device that includes an Expression Pedal input. These can be purchased directly on the [Line 6 Online Store](#), or from most Line 6 dealers.

## Calibrating Your FBV Series Controller's Foot Pedals

Before putting FBV controller to use, it is recommended that you “calibrate” its pedal(s) to optimize performance with your POD X3. Follow the steps below for your specific FBV model:

### FBV

- Attach the RJ-45 cable from your POD X3 to your FBV pedal board. Once your POD X3 is powered up, your FBV's LEDs should cycle and the display should read “LINE 6” with the backlight lit up.
- Move the LEFT pedal to the center position, roughly halfway between the MAXIMUM and MINIMUM position.

- Press AMP1 + AMP2 + TREMOLO and hold for three seconds to enter calibration mode. (There will be no indication you have entered this mode.)
- Press AMP1 + AMP2 + DELAY and hold for three seconds to begin calibration of the LEFT pedal.
  - Move the LEFT pedal to its MAXIMUM position (pedal all the way toe down) and press down hard enough to actuate the pedal's toe switch.
  - Move the LEFT pedal to its MINIMUM position and press down (pedal all the way heel down).
- Press AMP1 + AMP2 + MODULATION and hold for three seconds to begin calibration of the RIGHT pedal.
  - Move the RIGHT pedal to its MAXIMUM position (pedal all the way toe down) and press down hard enough to actuate the pedal's toe switch.
  - Move the RIGHT pedal to its MINIMUM position and press down (pedal all the way heel down).
- Turn OFF your Line 6 device. You have just calibrated your FBV pedals!

### **FBV Shortboard**

- Attach the RJ-45 cable from your POD X3 to your FBV Shortboard. Once your POD X3 is powered up, your FBV Shortboard's LEDs should cycle and the display should read "LINE 6" with the backlight lit up.
- Move the onboard pedal to the center position, roughly halfway between the MAXIMUM and MINIMUM position.
- Press STOMP + DELAY + REVERB and hold for three seconds to begin calibration of the onboard pedal.
  - Move the onboard pedal to its MAXIMUM position (pedal all the way toe down) and press down hard enough to actuate the pedal's toe switch.
  - Move the onboard pedal to its MINIMUM position and press down (pedal all the way heel down).

**If you have an optional Expression Pedal, hook it up to your FBV Shortboard now and continue on to the next step. If you do NOT have an Expression Pedal, simply turn OFF your POD X3, you are done calibrating!**

- Move the Expression Pedal to the center position, roughly halfway between the MAXIMUM and MINIMUM position.
- Press BANK DOWN + STOMP + DELAY and hold for three seconds to begin calibration of the EXTERNAL pedal.
  - Move the Expression Pedal to its MAXIMUM position (pedal all the way toe down).
  - Move the Expression Pedal to its MINIMUM position and press down (pedal all the way heel down).
- Turn OFF your POD X3. You have just calibrated your Expression Pedal!

**FBV Express**

- Attach the RJ-45 cable from your POD X3 to your FBV Express. Once your POD X3 is powered up, your FBV Express' LEDs should cycle.
- Move the onboard pedal to the center position, roughly halfway between the MAXIMUM and MINIMUM position.
- Press both the FBV Express' Channel A & D buttons and hold them down for six seconds to begin calibration of the onboard pedal.
  - Move the onboard pedal to the MINIMUM position.
  - Move the onboard pedal to its MAXIMUM position (pedal all the way toe down) and press down hard enough to actuate the pedal's toe switch.
- Turn OFF your POD X3. You have just calibrated your FBV Express!

**But wait, that's not all... As you know there are lots of options under the hood of the POD X3, so read on for how to get more control over things.**

# TAKING CONTROL

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Once you have things connected and powered up (if you haven't, then head on back to the previous Chapter), you are ready to start putting that FBV Series Controller to work! First we've provided a Quick Start, so you impatient types can jump right in, followed by more detailed descriptions of the FBV functions....

## Quick Start

It's simple to get going with your FBV Series Controller - here are a few quick tips:

### FBV and FBV Shortboard

- Press BANK UP & BANK DOWN to switch through User banks 1-32, and the Channel A, B, C, D buttons to load one of the four presets in the selected Bank.
- Press the effect buttons (REVERB, MOD, DELAY, etc) to toggle the respective effect block on/off for the current Tone. Note the FX LOOP button also toggles the COMP on most presets.
- Use the Pedal to adjust the Volume - press the toe end to toggle to Wah (or, if your preset has the Pedal configured to control TWEAK, then it will control the assigned effect parameter).
- Press and hold the TAP TEMPO button to switch to the Tuner.

### FBV Express

- Press the Channel A, B, C, D buttons to load one of the four User presets in the current Bank.
- Use the Pedal to adjust the Volume - press the toe end to toggle to Wah (or, if your preset has the Pedal configured to control TWEAK, then it will control the assigned effect parameter).
- Press and hold the Channel A and B buttons together to switch to the Tuner.

Now that you've gotten the hang of it, please read on for more details, as well as how to configure everything to your liking!

## Calling Up Presets

This is likely what you'll be using your FBV for the most... freeing up your hands and recalling those presets you so painstakingly created! Its all pretty straight-forward here - your FBV provides you direct access to presets stored in the POD X3 User folder. You can see that when you stomp on your FBV to call up a preset that this automatically switches to the User folder and loads the desired User preset.

### FBV and FBV Shortboard

**BANK UP/DOWN:** Step on Bank Up or Down to 'cue' the next User Bank and Channel. For example, if you currently have preset 1B loaded, press Bank Up and the FBV display flashes the selected Tone's name for preset 2B so you know what's there, but it hasn't switched you out of 1B yet.

**LOAD CHANNEL:** Press the Channel A, B, C, or D button to instantly load the respective preset in the current Bank. After pressing the Bank Up or Down button, the display will be flashing waiting

for you to select a Channel - as in the above example, pressing A will load preset 2A, or pressing B will load 2B, etc.

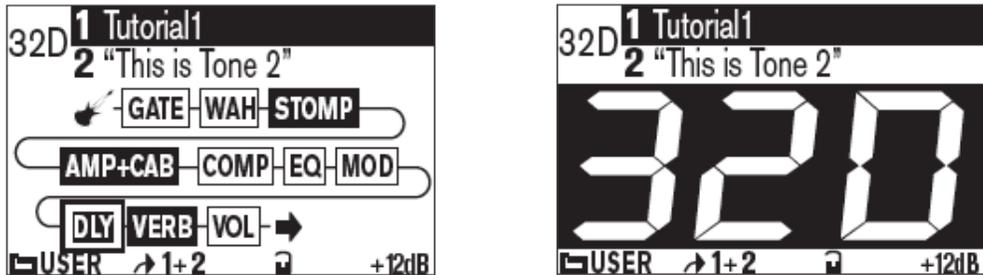
**FAVORITE CHANNEL:** (FBV model only) Has no function with POD X3.

**FBV Express**

**LOAD CHANNEL:** Press the A, B, C, or D button to instantly load the respective preset in the current Bank.

**The POD X3 Home Page**

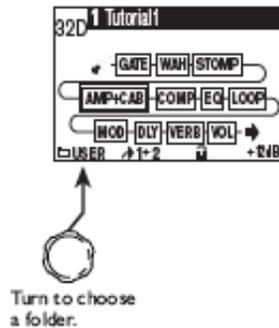
The POD X3 Home page is your main screen where you can see the elements of the current preset. When POD X3 is set to the User folder you can press the HOME button to toggle between the “Tone Path” display and the alternate “Big User” display. This Big User display shows the Tone name(s) and makes it easy to see the preset’s Bank/Channel number from a distance, which can be very helpful when using your FBV/POD X3 live on stage:



*POD X3 Home Page - Tone Path display and alternate Big User display*

**The User Preset Folder**

As you’ve probably discovered, POD X3 includes a total of over 350 presets and all are stored nice and neatly into “folders”. You can navigate through these folders on the POD X3 Home page by turning the corresponding multi-function knob:



In the User folder are 128 User locations that you can use to store your own custom presets. If you step on one of the FBV’s Channel (A, B, C, D) buttons, you’ll see that this automatically switches POD X3 to the User folder, calling up the preset of the current Bank. The big idea here for configuring your FBV/POD X3 rig is that you create your own Tones exactly how you like and then store them in the 128 memory locations within the User folder. These User presets are then accessible from your FBV.

You can see that we already gave you a head start and created some presets in the lower numbered locations of the User folder - you can of course modify these as you like. You can also manually choose another folder on the POD X3 unit and use its knobs to run through the other presets\*. You can modify these as well, and then when you push the SAVE button, choose one of the 128 locations in the User folder to store it there to allow it to be accessed your via your FBV.

\*If you have an FBV or FBV Shortboard model, note that its LCD display will always show the POD X3's current preset Tone title, even if that preset is within a folder other than the User folder. The FBV's effect switches and pedals will then control this displayed Tone, but the Bank and A, B, C, D buttons will always switch the POD X3 back to the User folder automatically to call up one of the 128 User presets.

## Controlling Effects & More

Your FBV will also let you dive deeper into the workings of your POD X3 and do things like tune up, wangle some effects and more.

Note - A preset can optionally be composed of two Tones, each with its own set of effects and effects parameters. Just like accessing the effects blocks and parameters directly on the POD X3 itself, using the following effects footswitch buttons will control only those effects for the currently selected Tone. To toggle between Tone 1 and Tone 2, use the TONE 2 button on the POD X3. See the [Controlling Dual Tone Presets](#) section.

## FBV

**FX LOOP:** Toggles COMP block On/Off.

TIP - POD X3 includes a "Comp Switch" system setting that allows you to set either the COMP effect block or the AMP block to be controlled by this footswitch. This setting is configurable for each User preset, and for each Tone within the preset. Please read about the COMP SW in the [POD X3 System Configuration](#) section.

**STOMP BOX 1:** Toggles the STOMP block on/off.

**STOMP BOX 2 & 3:** Note that these two buttons do the same as the STOMP BOX 1 button, and that only the indicator light for the STOMP BOX 1 button will change to indicate the STOMP state.

**AMP 1:** Toggles the AMP+CAB block on/off.

Note - As mentioned above, the POD X3 "Comp Switch" can be set to allow the FBV's FX LOOP button toggle the AMP+CAB block on/off. But since the large FBV already has the dedicated AMP1 button for this purpose, you'll probably want to just keep the POD X3 Comp Switch set to "COMP" to dedicate the FX LOOP button to the Compressor block.

**AMP 2:** Has no function with POD X3.

**REVERB:** Toggles the VERB block on/off.

**TREMOLO:** Has no function with POD X3.

**MODULATION:** Toggles the MOD block on/off.

**DELAY:** Toggles the DLY block on/off.

**TAP TEMPO:** Allows you to tap in a tempo for supported Delay and Mod effects to follow. The LED above the button flashes to indicate the current tempo.

**TUNER:** Hold the TAP button down for 2 seconds to call up the Tuner. The FBV display then shows you a handy Tuner screen.

**TIP -** You can also set the “AUDIO” behavior for the Tuner mode on the POD X3 directly on the POD X3 Tuner page to either MUTE your audible signal or not. (Sure, everyone likes to hear a guitar in tune, but they don’t necessarily want to hear you tune it!)

**Pedal 1 and Pedal 2:** The Pedals can actually be assigned to control either Tone 1, Tone 2, or both Tones, and assigned to different functions (Wah, Volume, Tweak). Please refer to [POD X3 System Configuration](#) section for details on how to set up these pedal behaviors.

**Pedal VOL & WAH Indicators:** The lights at the top of each pedal indicate the current mode for the Pedal. When both lights are lit this indicates the pedal is controlling the assigned TWEAK parameter.

## FBV Shortboard

**FX LOOP:** Toggles COMP block On/Off.

**TIP -** POD X3 includes a “Comp Switch” System setting that allows you to set either the COMP effect block or the AMP block to be controlled by this footswitch. This setting is configurable for each User preset, and for each Tone within the preset. Please read about the COMP SW in the [POD X3 System Configuration](#) section.

**STOMP:** Toggles the STOMP block on/off.

**MODULATION:** Toggles the MOD block on/off.

**DELAY:** Toggles the DLY block on/off.

**REVERB:** Toggles the VERB block on/off.

**TAP:** Allows you to tap in a tempo for supported Delay and Mod effects to follow. The LED above the button flashes to indicate the current tempo.

**TUNER:** Hold the TAP button down for 2 seconds to call up the Tuner. The FBV display then shows you a handy Tuner screen.

**TIP -** You can also set the “AUDIO” behavior for the Tuner mode on the POD X3 directly on the POD X3 Tuner page to either MUTE your audible signal or not. (Sure, everyone likes to hear a guitar in tune, but they don’t necessarily want to hear you tune it!)

**Pedal:** The onboard Pedal (as well as an attached Expression Pedal) can actually be assigned to control

either Tone 1, Tone 2, or both Tones, and assigned to different functions (Wah, Volume, Tweak). Please refer to [POD X3 System Configuration](#) section for details on how to set up these pedal behaviors.

**Pedal VOL & WAH Indicators:** These two lights at the left of the Pedal indicate the current mode for the Pedal. When both lights are lit this indicates the Pedal is controlling the assigned TWEAK parameter.

**FBV Express**

**TAP TEMPO:** To tap in a tempo for supported Delay and Mod effects to follow, just tap the currently lit A, B, C or D channel button. An LED within the Tuner display flashes to indicate the current tempo.

**TUNER:** Hold both the Channel A and B buttons down together for 2 seconds to switch to Tuner mode. You'll see the onboard Tuner display become active.

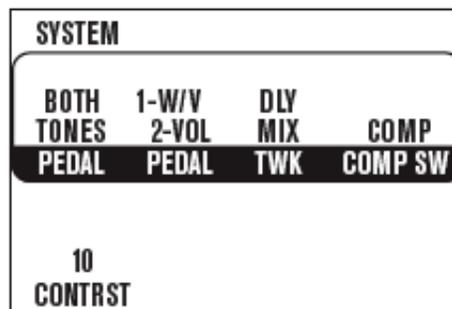
**TIP -** You can also set the “AUDIO” behavior for the Tuner mode on the POD X3 directly on the POD X3 Tuner page to either MUTE your audible signal or not. (Sure, everyone likes to hear a guitar in tune, but they don't necessarily want to hear you tune it!)

**Pedal:** The onboard pedal can actually be assigned to control either Tone 1, Tone 2, or both Tones, and assigned to different functions (Wah, Volume, Tweak). Please refer to the following POD X3 System Configuration section for details on how to set up these pedal behaviors.

**Pedal VOL & WAH Indicators:** These two lights at the left of the pedal indicate the current mode for the pedal. Both lights illuminate to indicate the pedal is controlling the assigned TWEAK parameter.

**POD X3 System Configuration - Pedal Settings**

There are a few options you'll want to check within the POD X3's **SYSTEM** settings for your Pedal behaviors and more. On the POD X3, press and hold the **OUTPUTS/Hold for System** button for 2 seconds to get to the SYSTEM screen.



*The POD X3 System page*

The PEDAL, PEDAL and TWK settings here are for configuring the behaviors of the wah/volume/tweak pedal(s) on your FBV/FBV Shortboard/FBV Express.

- **FBV** - Includes two onboard pedals. The left-most pedal is “Pedal 1” and the right pedal is “Pedal 2”.
- **FBV Shortboard** - Includes one onboard pedal, which is “Pedal 1”. If you attach an optional Expression Pedal, then it becomes “Pedal 2”.
- **FBV Express** - Includes one onboard pedal, which is “Pedal 1”. There is no option for connecting a 2nd pedal, therefore, all “Pedal 2” System settings described in this section have no effect with the FBV Express.

All four settings on the top row of the System page are specific to the current preset - that is, you configure each of these settings and SAVE them with your current to have your FBV pedal(s) function however you like for each individual Preset.

**Note** - It is important to note that the System screen displays the settings specifically for the current Tone, and that Tone 1 and Tone 2 of your preset can have different pedal settings. To toggle the System page’s display between Tone 1 and Tone 2, press the TONE 2 button on the POD X3. This will of course only toggle to Tone 2 if a Tone 2 exists for this preset. (You can activate “Dual Tone Mode” on any preset by holding the TONE 2 button - see your *POD X3 Pilot’s Handbook* for more about this).

**PEDAL (Control)** – Use this left-most PEDAL System setting to have the pedal affect either TONE 1, TONE 2 or BOTH TONES. (The default mode is **BOTH TONES** for all current Presets). We’ve offered lots of flexibility here for allowing you to set pedal functions independently for Dual Tone presets, so please note the behaviors here:

**TONE 1** - Pedal 1 (and pedal 2, if present) affects only Tone 1 and follows Tone 1’s PEDAL (Assign) setting, regardless of Tone 2’s Pedal (Assign) setting and on/off state.

**TONE 2** - Pedal 1 (and pedal 2, if present) only affects Tone 2 and follow Tone 2’s PEDAL (Assign) setting, regardless of Tone 1’s PEDAL (Assign) setting and on/off state.

**BOTH TONES** - Pedal 1 (and pedal 2, if present) affects Tone 1 according to Tone 1’s PEDAL (Assign) setting, and simultaneously affects Tone 2 following Tone 2’s PEDAL (Assign) setting.

**Note** - For more about the FBV pedal options and behaviors with Dual Tone Presets, be sure to read the cleverly titled [Dual Tone Pedal Behaviors](#) section.

**PEDAL (Assign)** – Use this next PEDAL System setting to configure what effect your FBV pedal actually controls. The single pedal of the FBV Shortboard and FBV Express units is referred to as pedal “1” here. If you have an optional Expression pedal connected to the back of your FBV Shortboard (such as the Line 6 EX-1, sold separately), or, if you have the full size FBV with two pedals onboard, the additional pedal is referred to here as pedal “2”. The options are as follows - note that the selectable options are different if only one pedal is present (such as an FBV Shortboard or Express with no optional Expression pedal connected) versus if two pedals are present (such as for the FBV with its two onboard pedals, or the FBV Shortboard with an Expression pedal connected):

**One Pedal present:**

- **1-W/V (2-VOL)** – Pedal 1 controls the Wah with the toe switch toggling between the two. Pedal 2, if present, controls Tone Volume.
- **1-TWK (2-VOL)** – Pedal 1 controls whichever parameter is assigned to the “Tweak” System

setting (read the following TWK description). Pedal 2, if present, controls Tone Volume.

- **1-W/V (2-TWK)** – Pedal 1 controls both Wah and Tone Volume with the toe switch toggling between the two. Pedal 2, if present, controls Tweak, assigned below.

#### Two Pedals present:

- **1-W/OFF 2-VOL** – Pedal 1 controls the Wah with the toe switch toggling the Wah effect block on/off.
- **1-TWK 2-VOL** – Pedal 1 controls whichever parameter is assigned to the “Tweak” System setting (read the following TWK description). Pedal 2, if present, controls Tone Volume.
- **1-W/V 2-TWK** – Pedal 1 controls both Wah and Tone Volume with the toe switch toggling between the two. Pedal 2, if present, controls Tweak, assigned below.

**TWK** – If you’ve assigned a pedal to control Tweak (refer to the previous PEDAL Assign descriptions), this is where you choose the parameter that will be controlled with that pedal. The list of available parameters is too long to list here - turn the knob and see what you find!

**COMP SW** - This setting allows the POD X3’s AMP block to be toggled on/off remotely, rather than the COMP block. The FBV and FBV Shortboard both utilize their FX LOOP switch to access the COMP block, therefore, you can set this to “AMP” to have the AMP+CAB block be controlled instead for the Tone.

**TIP - FBV owners...** you probably want to leave this set to “COMP” for most presets since the large FBV has a dedicated AMP 1 button that toggles the AMP+CAB block on/off.

**TIP - Remember,** these SYSTEM settings are specific to each User preset, so be sure to SAVE so that your settings are retained for the particular preset you are modifying!

## Dual Tone Pedal Behaviors

Now that you know about configuring the actions for your FBV pedal(s), let’s take a look at the many options and behaviors available for using them with Dual Tone presets! Each Tone’s PEDAL (Assign) setting (Wah/Volume/Tweak) is independent per Tone. One FBV pedal can actually be set to simultaneously control the same *or* two different parameters on Tone 1 versus Tone 2. You’ll want to think about what you want your pedal(s) to actually control on Tone 1 versus Tone 2 when choosing the BOTH TONES option for the PEDAL (Control) System setting...

For example, Tone 1 may have its PEDAL (Assign) set to “W/V” for Pedal 1 to control Tone 1’s Wah effect, while Tone 2 may have its PEDAL (Assign) set to “TWK” for Pedal 1 to control a completely different effect parameter on Tone 2. Note also that, in this example, Tone 1’s PEDAL (Assign) setting of “W/V” provides that you can press the pedal’s toe switch to toggle *between* Wah and Volume for Tone 1, yet the pedal will still happily keep on affecting the assigned Tweak parameter on Tone 2.

When you have a Dual Tone preset loaded, and the PEDAL (Assign) set to BOTH TONES with the

PEDAL (Control) set to the **same** setting for both Tone 1 and Tone 2, then this FBV pedal and it's toe switch will actually control this same effect for both Tones **simultaneously** (clever, eh?). This way, if you set pedal 1 to "W/V" for both Tone 1 and Tone 2, clicking the toe switch to turn on the Wah will automatically turn on the Wah for both Tones - and when the Wah is switched off, the pedal controls Volume for both Tones.

Likewise, if you set pedal 1 to "TWK" for both Tone 1 & 2, then the Tweak parameter is simultaneously controlled for both Tones by pedal 1. Alternatively, you can choose to actually set the TWK option independently, so that the specific parameter controlled by pedal 1 is independent for each Tone. For example, Tone 1 can be set to Tweak the Reverb Mix while Tone 2 Tweaks the Delay Mix, resulting in the pedal adjusting both these parameters simultaneously!

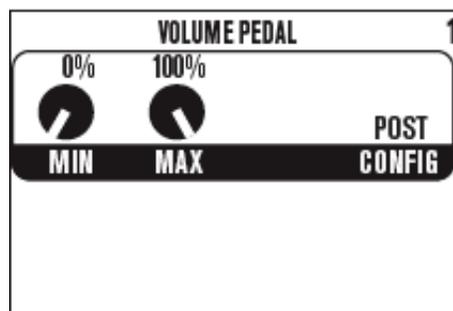
Note - It is possible to save a Dual Tone preset where the Wah effect block state is "on" in one Tone and "off" in the other. If the PEDAL (Control) System setting is set to BOTH TONES, and the PEDAL (Assign) set "W/V" for both Tone 1 & 2, the behavior for the pedal still remains "linked" as described above, therefore, clicking the pedal's toe switch toggles each Tone's Wah effect to the opposite on/off state.

Also notable is that the PEDAL (Assign) setting of "W/V" dictates that the pedal toe switch toggles between Wah and Volume control. The resulting behavior for this Dual Tone scenario therefore is that one Tone gets it's Wah effect controlled while the other Tone gets it's Volume controlled simultaneously. The moral of the story here is that you can choose exactly how to configure each Tone and Save your User preset to achieve the behavior you want!

If you want to get really weird then you can get some interesting results with Dual Tone presets by assigning a pedal to an effect on only one Tone, or to control different effects on each Tone in a Dual Tone preset. If you have a 2nd pedal then it's also possible to set it to control Tweak or Volume for even greater control. The best practice is to create several different User presets and save the pedal configurations exactly how you want for each - this allows you to call up not only different sounds and effect combinations, but different methods of control over effects at the same time!

### Setting the Volume Pedal's Min & Max Volume

The POD X3's Volume effect can of course be controlled by the pedal(s) of your FBV Series Controller, and your POD X3 provides a few options for the Volume effect. To get to these settings, go to the POD X3 Home - Tone Path page, select the VOL effect block and double-click the ON/OFF button to enter the VOL edit screen:



The POD X3 Volume page

- **MIN** – determines how much volume you'll hear when the volume pedal is at its minimum (heel

down) setting. Set it to 0% to have silence in the heel down position.

- **MAX** – determines how much volume you’ll hear when the volume pedal is at its maximum (toe down) setting.
- **CONFIG** – allows you to choose the position of the volume effect within the POD X3 signal flow: Pre (before the amp model), or Post (after the amp model).

Just like in the world of guitar effects stomp boxes and amps, the position of your volume pedal in relation to some effects will impact the sound. For example, lowering the volume before a distortion effect results in less gain - placing the volume after a distortion effect reduces the overall volume level without affecting the gain... get it?

Note that this VOL effect block is the same volume that is accessed by the POD X3’s Tone Volume knob and, therefore, each Tone has its own independent VOL effect. So, if your preset has two Tones, then you can press the TONE 2 button to independently configure these three settings for Tone 1 and Tone 2. These VOL settings are also configurable for each preset, so you can set and save these settings differently for each User preset.

## Controlling Dual Tone Presets

One of the coolest features of your POD X3 is of course that it offers two completely independent Tone Paths. It is possible for you to configure a “Tone Pair”, using Tone 1 for a guitar or bass that plugs into the POD X3 Input 1 jack and Tone 2 for a Mic plugged into Input 2. Alternately, you can create a “Tone Blend”, where you utilize both Tone 1 and Tone 2 on a single input, such as to process a guitar with two amps, with each Tone having its own set of effects, speaker cabinet and mic! You’ll see that your POD X3 already comes loaded with Single Tone presets, as well as Tone Pairs and Tone Blends, so you can take a look at how these are constructed - as well as modify them to your heart’s content, and save your own creations as presets within the User folder.

For a thorough understanding of all this business of creating Dual Tones, please check out the “Dual Tone Concept” section of your *POD X3 Pilot’s Handbook*.

Your FBV allows you to navigate through the 128 memory locations within the User folder. As mentioned above, some User presets might be composed with only a Tone 1, while others both a Tone 1 and Tone 2. This makes no difference as far as your FBV’s Channel (A, B, C, D) or Bank buttons are concerned, since the FBV unit will simply call up a User preset regardless if it is created with one or two Tones. However, it is important to take a look at what the other buttons on the FBV and FBV Shortboard control when a Dual Tone preset is loaded...

The large FBV and FBV Shortboard units include effect buttons (STOMP, MOD, DELAY, etc.) that allow you to modify the **selected** Tone of the currently loaded preset. If the preset is composed of two Tones, stepping on one of these effect buttons will toggle on/off **ONLY** the function for the currently selected Tone. When a Dual Tone preset is loaded, you can toggle which Tone is selected by pressing the TONE 2 button on the POD X3 unit.



TIP - When calling up one of the factory-created “Tone Pair” type of Dual Tone User presets, you’ll see we added an “L” and an “R” at the ends of the titles for Tone 1 and Tone 2 respectively. (Call up preset 12A as an example). Adding a unique identifying character to each Tone’s title like this is handy when using an FBV or FBV Shortboard since this provides you with an easy reference for which of the two Tones is the one currently being controlled by the FBV.

OK - now that you are armed with all the details you can free up your hands and get back to making music! For more helpful information, please visit the [Line 6 Online Support](#) web page.