



FIREHAWK 1500

PILOT'S GUIDE ►

MANUEL DE PILOTAGE
PILOTENHANDBOEK
MANUAL DEL PILOTO
取扱説明書
試用指南

Important Safety Instructions



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



WARNING : TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT REMOVE SCREWS. NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THE APPLIANCE TO RAIN OR MOISTURE.

CAUTION: This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



The lightning symbol within a triangle means “electrical caution!” It indicates the presence of information about operating voltage and potential risks of electrical shock.



The exclamation point within a triangle means “caution!” Please read the information next to all caution signs.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Unit contains a Bluetooth module covered by FCC ID: QQQWT32I

Contains Bluetooth module covered by IC: 5123A-BGTWT32I

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You should read these Important Safety Instructions. Keep these instructions in a safe place



- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- This apparatus shall be connected to a MAINS socket outlet with a protective earthing connection.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
- **WARNING:** To reduce the risk of fire or electric shock do not expose this apparatus to rain or moisture.
- The appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- Connect only to AC power outlets rated: 100-240V, 50-60Hz.
- Prolonged listening at high volume levels may cause irreparable hearing loss and/or damage. Always be sure to practice "safe listening."



SERIAL NO: _____

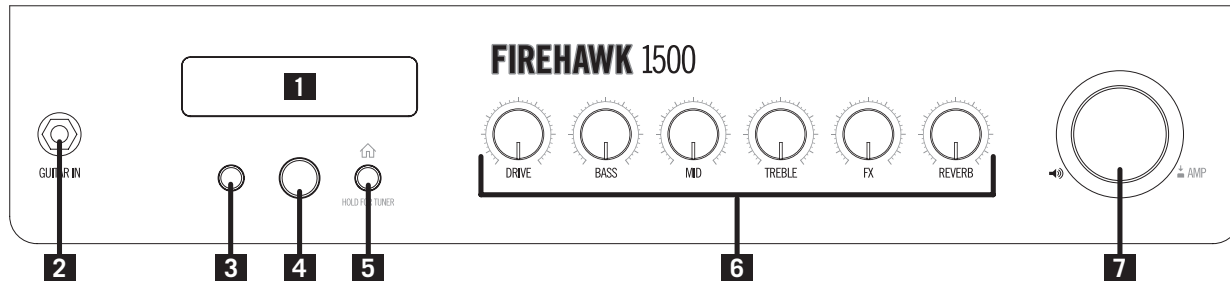
WELCOME TO FIREHAWK 1500 - STAGE, STUDIO & BEYOND

Firehawk1500 takes the guitar amp to the next level by using a high performance Full Range Flat Response reproduction system to deliver a wide range of amplifiers, cabinets and effects while avoiding the compromises of traditional narrow band and coverage speakers. The sound is consistently translating from the studio to monitoring on stage and delivering through XLR outs to the PA and your audience.

Firehawk 1500 Features:

- High-performance guitar amp
- 1500W/ 132 dB SPL 6- Speaker Wet/ Dry Stereo System
- Full Range/ Flat Response system translates your tone from your monitoring to the audience and from studio to stage at any level
- Extensive sets of Line 6 HD and classic Amp and FX Models
- Edit comfortably on your Tablet or Smartphone and stream audio via Bluetooth® compatible with iOS, Android™, and Mac® or PC)
- USB direct recording to Mac, Windows® and iPad® (iPad requires an Apple® Camera Connection Kit adapter)

Top Panel Controls



- 1. LCD Display** - The **Firehawk 1500** display is multifunctional, showing different information depending on the footswitches and modes you access. In most cases, you'll see the Bank & Preset location and title for the currently loaded tone. We cover other items shown in the LCD display throughout this Guide!
 - 2. Guitar Input** - plug in your 1/4 inch guitar cable here.
 - 3. Bluetooth Pairing Button** - Using Bluetooth technology, your **Firehawk 1500** communicates wirelessly with your mobile device. Before running the **Firehawk Remote** app, you'll need to pair **Firehawk 1500** with your mobile device as follows:
 - Enter Pairing mode on the **FIREHAWK 1500** by pressing the Bluetooth button on the top panel - it will flash.
 - Enter Bluetooth Pairing mode on your iOS device, or open the Bluetooth Settings menu on your Android™ device.
 - Your **Firehawk 1500** device's unique name will appear on your mobile device. Android™ users may need to select "Scan for Devices" to refresh the list of available Bluetooth® devices.
 - Select your **Firehawk 1500** unit's unique name on your mobile device - this completes the pairing configuration and you are ready for wireless operation!
 - 4. Preset & Bank Select Encoder** - Firehawk 1500 comes loaded with 128 Presets, comprised of 4 Preset locations (A–D) stored within each of the Banks (1–32). The LCD display shows the Bank number, location and title of the currently loaded Preset.
- edited, saved and rearranged on your device using the app! See more details in the following Firehawk Remote App section.
- 5. Tap Tempo Button** - Pressing the TAP button a few times sets the tempo, which Delays and other FX that off "sync-to-tempo" can then follow. The TAP LED flashes in time to indicate the tempo for the current Preset (the flashing behavior can optionally be disabled in the Firehawk Remote app).
 - 6. Tone Controls** - When using **Firehawk Remote** with your iOS device, all Tone adjustments can be made using the app Editor. You can also tweak your guitar sound manually with these **Firehawk 1500** onboard Tone controls:
 - DRIVE:** Adjusts the current Amp Model's Drive level.
 - BASS, MID, TREBLE:** Adjusts the Bass, Mid and Treble levels for the current Amp Model's tone stack.
 - FX:** Adjusts the FX parameter saved with the preset and selected in the **Firehawk Remote** application.
 - REVERB:** Adjusts the Reverb level for the current Guitar Preset.
 - 7. Master Volume Knob** - This big knob controls the overall output level of your **Firehawk 1500** amp. It also has a **Secondary Function** of adjusting your Channel Volume relative to the overall audio mix. This can be useful when you're jamming to a track and your guitar level is too soft or too loud.

01B Lead the Way

LCD display showing Bank, Preset location and title

Each Preset stores all of the Amp and FX parameter settings that define the characteristics of the tone, optional FBV Footswitch & Controller assignments and FX Loop settings. Use the push encoder to load and save Presets on **Firehawk 1500**. Turn the encoder to change presets - press and hold to save to a new location.

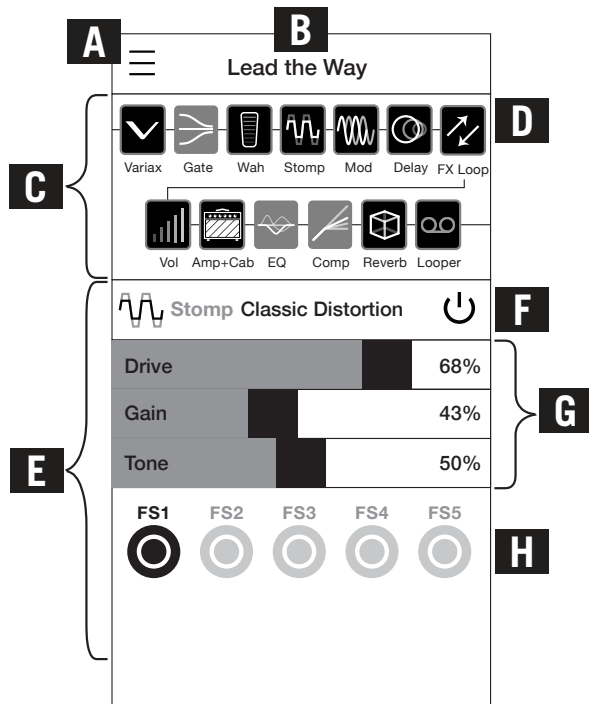
Note: An unlimited number of Presets can be downloaded, created,

8. **Monitor Input** - This line level input goes straight to the amps and speakers without any guitar processing. Use your Firehawk 1500 as a stage monitor while the guitar input is still processed
9. **Monitor Gain** - Adjust the level of your line level monitor input.
10. **Effect Loop** - Provides two jacks each for mono or stereo **FX SEND** and **FX RETURN**. Set the **FX LOOP LEVEL** switch to optimize the signal for either **LINE** (for line-level devices) or **STOMP** (for most “stomp box” guitar pedals). Note that the position of the **FX LOOP** Block within any Preset’s signal chain can be edited using the Firehawk Remote app.
11. **XLR Output** - Connect XLR cables here for an ideal connection to recording devices or as direct sends to the house mixer, PA, or to Line 6 StageSource® powered, full-range speakers.* If you are experiencing hums and buzzes, set the Ground Switch to LIFT to eliminate ground loops between your equipment.
12. **Headphones** - plug in your 1/4 inch stereo headphones cable here. Headphones volume is controlled by the Master Volume knob.
13. **Midi In/ Out/ Thru** - connect midi devices to control **Firehawk 1500** on Midi channel 1. See Midi implementation chart for details.
14. **Variax** - Connect your Line 6 Variax guitar here. This input captures all the Variax output and provides power to the instrument. See the following Using a Line 6 Variax section for more info.
15. **FBV Port** - Connect an **FBV** foot controller for channel and bank switching, FX on/ off, wah/ volume pedal control, tuner, tap tempo, and access to more editing functionality.
- 16 **USB Input** - Connect to a Mac, Windows computer or iPad to utilize **Firehawk 1500** as a quality Stereo In/Out, 24-Bit digital audio interface for direct recording with your favorite software.
17. **Power Input** - Connect an IEC 320 C14 power cable.
18. **Power** - switch on the power with this rocker switch.

For Mac or iPad: Just connect via USB and **Firehawk 1500** is ready to use. iPad connectivity requires the use of an iPad Camera Connection Kit USB adapter (not included).

For Windows: Download & install the Line 6 **Firehawk 1500** USB ASIO® audio driver from www.line6.com/software.

Firehawk Remote Mobile Application



Firehawk Remote App - Editor Screen

- A. Menu/Back Button** - Tap to reveal the slide-out **Main Menu** screen. (See the following **App Features** section for more info.) This button changes to a **Back** button within other screens.
- B. Preset Title** - The title for the current Preset is shown here.
- C. Signal Flow Pane** - Each icon button represents a Processing Block and shows the routing order and bypass state of all effects for your

current tone. Tap on any Block here to select it and the Block's options are displayed within the Inspector Pane below.

- D. Processing Blocks** - Each of the several Block types offers its own properties and functions. Many Blocks are moveable within the signal chain, as indicated below. To move a Block, **press, hold and drag** the Block left/right in the signal chain - vertical line indicators show all available locations where you can "drop" the Block.
 - **Variax Input Block** - Provides options for a Line 6 Variax guitar. See the following **Using a Line 6 Variax** section.
 - **Standard Blocks** - The Amp & Cab Block contains your choice of Amp & Cab models, and the others include a "fixed" effect (Comp and Gate). Standard Blocks cannot be moved.
 - **FX Blocks** - Contain a dedicated effect type (Volume, Wah & Reverb) and have some moveability.
 - **Flex FX Blocks** - Can change the FX type they contain (Stomp, Mod, Delay or Pitch/Synth) and have more flexible routing capabilities.
 - **Looper Block** - Displays its Volume and EQ parameters below. The Looper can also be assigned to any one of the **FS1-FS5** footswitches and can be moved to either the start or end of the signal chain - see the **Using the Looper** section for details.
- E. Block Inspector Pane** - All editable parameters for the selected Block are presented here.
- F. Model Select and Bypass Buttons** - The Model Select button (at the left) pops up a menu to choose an Amp, Cab or FX model for the selected Block's type. The Bypass button toggles the Block On/Off.
- G. Parameter Sliders** - Allow adjustment for all settings for the selected Block's Amp or FX models. Note that you can **press and hold** a slider to assign the parameter to be controlled by the **FX Knob** and **Expression Pedal** (see **FireHawk 1500 with FBV Footcontroller** on page 11).
- H. FS1-FS5 Footswitch Assignment Buttons** - Tap the desired FS button to assign your **FBV 3** device's respective FX footswitch to toggle the selected FX Block On/Off. Note that the footswitch LED will match the color of the assigned FX Block model type for easy identification.

Firehawk Remote App Features

The slide-out **Main Menu** is where you'll find central access to all features in the **Firehawk Remote** app.



Editor - Edit any tone that is currently loaded by the app. Change Amp Models, FX, Footswitch & Pedal Assignments and routing of processing "Blocks" - See the previous app **Editor** section.



Hardware Presets - Browse, recall, edit, manage and back up tones saved within your **Firehawk 1500** device.



Cloud Search - Search for tones from the ever-growing **Line 6 Cloud** for new guitar tones published by other **Firehawk 1500** & **AMPLIFI** users just like you!



My Tones - Browse, recall, search, edit and manage the saved tones in your Line 6 account. You can also send tones to your device as hardware presets.



Tone Info/Save - Edit the tone's name and other metadata that facilitates searching & Tone Matching to songs. Save tones directly to your **Firehawk 1500** or to the Cloud, or publish tones to support the **Firehawk** community.



Tuner - Get in tune quickly by using the Tuner.



Settings - View info about the app, get help, update your **Firehawk 1500** device's firmware, and set preferences for music playback and tone loading.



Music Library - Jam along with tracks from your mobile device's music library and **Firehawk Remote** will serve up guitar tones to match based on the song title, artist, genre, or other tags.



Levels - Remotely adjust the "blend" of guitar to music playback volume.

Firehawk 1500 Device Firmware Updates

Always run the latest firmware in your **Firehawk 1500** for best performance results. There are two methods for checking and installing firmware updates:

- **Using the Line 6 Updater Utility** - This is the recommended method and is fastest for device firmware updates. The **Line 6 Updater Utility** is a free software application for Mac® and Windows® available from www.line6.com/software. Download and install the utility on your computer to get started. With your **Firehawk 1500** device powered On, connect it to your computer's USB port and launch the Updater Utility. It will automatically detect your connected device and inform you of available updates - Just follow the steps in the Updater Utility to install the latest firmware.
- **Using the Firehawk Remote application** - The **Firehawk Remote** app will automatically inform you whenever a device firmware update is available. It is also possible to install firmware updates from within the app - Just follow the prompts and it will walk you through the entire update process. Note that this updates the **Firehawk 1500** device wirelessly via Bluetooth®, without the need for a computer or added software, however, the process takes quite a bit longer than using the Line 6 Updater Utility.

Using a Line 6 Variax

Firehawk 1500 supports the use of any Line 6 Variax® instrument via the **VARIAX** connection on the rear panel. And with any James Tyler® Variax® (JTV) or Variax® Standard instrument, control of alternate tunings and model/magnetic pickup switching are supported as well. For best results, use only Line 6 supplied, Variax-compatible cables – not standard Ethernet or other cables – to avoid damage to the jack. Learn more about the Variax instruments at www.line6.com.

To Edit and Save Variax guitar Model & Tone Knob options: Launch the **Firehawk Remote** app, go to the app's **Editor** screen and tap the **Variax Input** block at the left of the Signal Flow pane. The following Variax options will appear in the lower portion of the app screen.

- **MODEL CONTROLLED BY:** This is a global option that affects behavior for all **Firehawk 1500** presets.
 - **When set to FIREHAWK:** The **Firehawk 1500** sends the stored Variax **Model & Tone Knob** settings to the guitar upon the loading of a Firehawk Preset. If you adjust your Variax guitar's on-board settings, the Variax settings are captured and then stored within the Firehawk Preset.
 - **When set to VARIAX:** The stored **MODEL & TONE KNOB POSITION** Variax settings are *not* sent to the guitar upon loading a Firehawk preset. If you adjust your Variax guitar's on-board settings, these will be heard, but not captured or stored within the Firehawk preset.
- **TUNING CONTROLLED BY:** This is a global option that affects the behavior of all Firehawk presets.
 - **When set to FIREHAWK:** The Alt. Tunings stored within any Firehawk Preset are sent to your Variax guitar upon recall of the Preset.
 - **When set to VARIAX:** The Alt. Tunings stored within any Firehawk preset are *not sent* to your Variax guitar upon recall of the preset.
- **VARIAX STRING 1 - 6:** With a JTV or Standard Variax, you can use these six parameters to configure the tuning offset (by number

of frets) you want applied to each individual guitar string. (The note value displayed assumes your guitar is tuned to standard tuning - E, A, D, G, B, E.)

- **MODEL:** Allows you to select the desired Variax guitar model & pickup position to be stored as part of the Firehawk 1500 preset.
- **TONE KNOB POSITION:** Allows the Variax guitar's Tone Knob value to be stored with the Firehawk preset.
- **PICKUP MODE:** (On JTV or Variax Standard guitars only.) Allows choosing the Model and Magnetic pickup options.

Variax Alternate Tuning options: Use the **VARIAX STRING 1- 6** options to edit the pitch offset individually for each string, as described above. The tuning is saved as part of the Firehawk Preset and the **Variax Tuning** option provides the option to load the saved tunings on your Variax when recalling Firehawk Presets.

Factory Reset

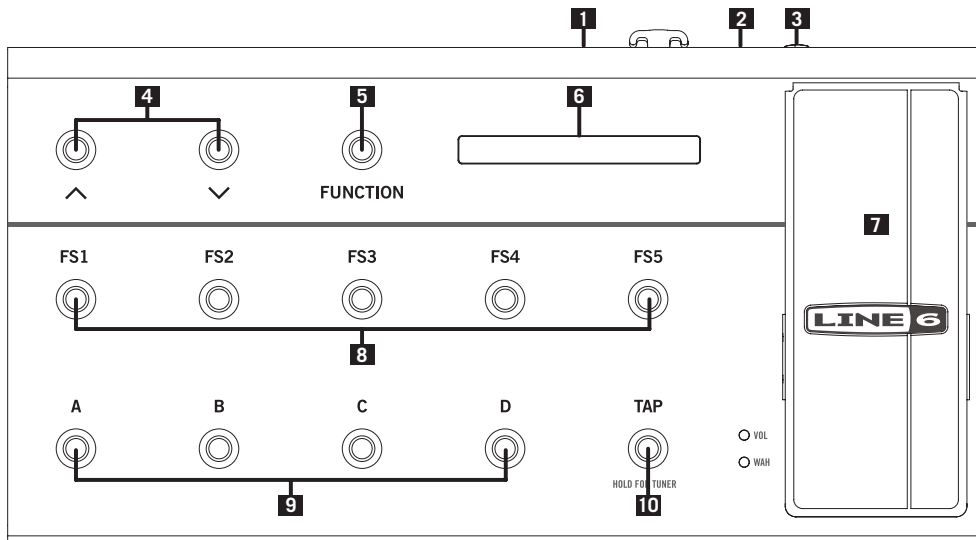
Performing a Factory Reset restores the **Firehawk 1500** to the original factory settings and Presets. **Be sure to use the Firehawk Remote app to back up your customized Presets before performing a Factory Reset!** After performing a Factory Reset, it is recommended that you next perform the Pedal Calibration for proper Pedal operation.

- **Factory Reset:** Simultaneously press and hold the **Master Volume Knob** and the **TAP** as you power on the unit.

Firehawk 1500 with FBV 3 FOOTCONTROLLER

An optional **FBV 3** gives you hands free control of your firehawk 1500.

Connect the separately available FBV 3 Footcontroller to your Firehawk 1500 using the FBV cable and get instant access to your presets, amps, effects, wah and volume pedal.



- 1. USB** - Connect to Mac/ PC for USB Midi.
- 2. FBV Connector** - Connect your Line 6 Amp or POD
- 3. 1/4" Expression Pedal** - Optionally add a 2nd pedal for even greater control! The Line 6 EX-1 Expression Pedal is designed to work with the FBV 3.
- 4. Bank Up / Down** - Press the "Bank" buttons (labeled with the up and down arrows) to scroll through the User Banks.
- 5. Function Assign Footswitch** - Function assignable footswitch-Enter Live Edit mode.
- 6. LED Display** - This display shows your current Bank, Preset and Preset Name or Tuner interface when activated.
- 7. Volume / Wah Pedal** - Typically controls either the Wah or Volume of the current preset - press the pedal forward to activate the toe switch to toggle between Wah or Volume. The LEDs on bottom left shows the active function of your on board expression pedal.

8. **FS1-FS5 Footswitches** - User defined footswitches. Press to toggle the assigned effect on/off in the current preset.
9. **Channel A,B,C,D Footswitches** - Select to call up one of the four “Channels” in the current Bank.
10. **Tap Tempo** - Tap in a tempo for your active Delay or Modulation effects of the current preset to follow. Press and hold **TAP** to activate the chromatic tuner. The Tap button is also used to exit menus in Live Edit mode.

Line 6 FBV Control Application Installation

If you plan on using your FBV 3 to control software on your Mac® or Windows® computer, then you'll also want to install the latest Line 6 FBV Control application. This free software provides you with the ability to create, load, edit and store FBV presets - full sets of customized MIDI controller configurations - all in an easy-to-use application!

The FBV Control App can be downloaded from line6.com/software/

Live Edit Mode with Firehawk 1500

Note: Both Firehawk 1500 and FBV 3 reflect Live Edit mode, regardless of how the user engages it; that is, pressing **FUNCTION** on FBV 3 will also change the UI state of Firehawk 1500's top panel.

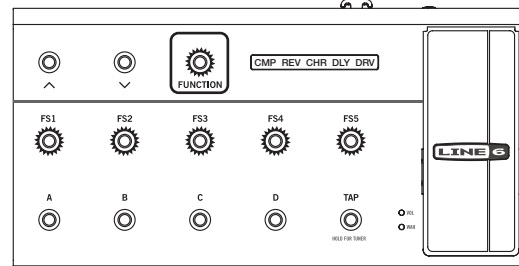
Pressing **FS1-FS5** will display the model assignment for ~1 second, and then time out:



After ~1 second...



1. Press **FUNC** to enter Live Edit mode.



FUNC lights **FS1-FS5** flash. Please select one for editing . The display flashes 3-character abbreviations for models assigned to **FS1-FS5**:

2. Press the desired stomp you wish to edit (**FS1-FS5**).

The selected FS switch is bright (indicating it is selected) and the other four go dim; the **VOL** and **WAH** LEDs go dark.

The full model name appears in the display for ~1 second, after which the most recently accessed of its parameters appears and the big encoder's LED ring represents its value.

< Analog Chorus >

After ~1 second...

CHO:Speed 1.09 Hz

3. Repeatedly press the same switch to cycle through all parameters.

Pressing a different switch displays the full model name for ~1 second before displaying its most recently accessed parameter.

Pressing the switch repeatedly overrides the model name time-out; that is, pressing a new FS switch twice quickly will show the first parameter immediately, without having to wait for the name to time out.

4. Move the expression pedal to adjust the selected parameter's value.
Press or to adjust the value in fine increments.
5. Press **FUNC** to exit Live Edit mode.

Its LED goes dark.

Hold **FUNC** for ~2 seconds to save changes to the current preset and exit Live Edit mode.

Note: Selecting a different preset (pressing **A**, **B**, **C**, or **D**) will exit Live Tweak mode as well.

MIDI CC

Firehawk has reserved a number of MIDI CC#s for global functions.

MIDI CC#	Value	Function
001	0 - 127	EXP-1 Pedal Assignment
002	0 - 127	EXP-2 Pedal Assignment
051	0 - 127	Toggles FS1 Assignment On/Off
052	0 - 127	Toggles FS2 Assignment On/Off
053	0 - 127	Toggles FS3 Assignment On/Off
054	0 - 127	Toggles FS4 Assignment On/Off
055	0 - 127	Toggles FS5 Assignment On/Off
059	0 - 127	Toggles EXP Toe Switch Assignment On/Off
060	0-63 = Overdub, 64-127 = Record	Looper Record/Overdub Switch
061	0-63 = Stop, 64-127 = Play	Looper Play/Stop Switch
062	64-127 = Play Once	Looper Play Once Switch
063	64-127 = Undo	Looper Undo Switch
065	0-63 = Forward 64-127 = Reverse	Looper Forward/Reverse Switch
067	0-63 = Pre 64-127 = Post	Looper Pre/Post Position Switch
068	0-63 = Full 64-127 = Half	Looper Full/Half Speed Switch
099	0-63 = Off 64-127 = On	Looper Mode On/Off
064	64-127 = Tap	Tap Tempo - Enter Tap Tempo
069	0-63 = Off 64-127 = On	Tuner Mode On/Off



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