Fender®

SWITCHBOARD
EFFECTS OPERATOR

OWNER'S MANUAL

ENGLISH

Fender®

CONTENTS

Click on any item below to go to that section; click any page number to return to the table of contents.

# SWITCHBOARD EFFECTS OPERATOR

This owner's manual provides a thorough guide to the features and function of the Switchboard Effects Operator. It's the ultimate pedalboard control solution—a versatile command center and performance-friendly footswitch interface that lets you toggle pedal groups on and off, reorganize your signal path and even change setting on MIDI-enabled pedals. With a built-in tuner, input/output buffers, internal volume pedal and 500 presets slots to save your tones, Switchboard unleashes the full potential of your pedalboard.

CONTROL PANEL
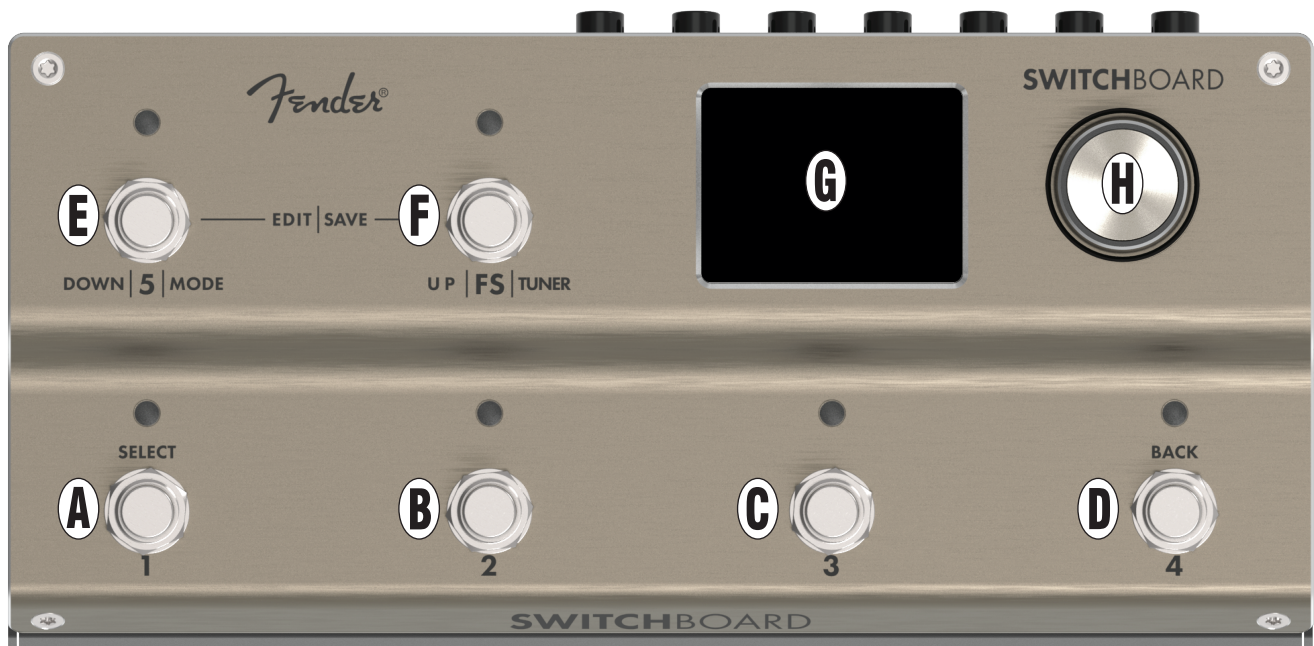
A. **FOOTSWITCH 1:** Multi-function footswitch used to toggle loop 1 on and off, engage preset 1 or select the currently highlighted menu item. Press and hold footswitch to toggle a loop or preset momentarily for as long as the footswitch is pressed.

B. **FOOTSWITCH 2:** Multi-function footswitch used to toggle loop 2 on and off and engage preset 2. Press and hold footswitch to toggle a loop or preset momentarily for as long as the footswitch is pressed.

C. **FOOTSWITCH 3:** Multi-function footswitch used to toggle loop 3 on and off and engage preset 3. Press and hold footswitch to toggle a loop or preset momentarily for as long as the footswitch is pressed.

D. **FOOTSWITCH 4:** Multi-function footswitch used to toggle Loop 4 on and off, engage preset 4, or return to previous menu. Press and hold footswitch to toggle a loop or preset momentarily for as long as the footswitch is pressed.

E. **FOOTSWITCH 5:** Multi-function footswitch used to change modes, toggle loop 5 on and off and move down in the current menu.

F. **FOOTSWITCH FS:** Multi-function footswitch used to activate internal tuner, toggle FTSW out jack conductors on and off and move up in the current menu.

G. **DISPLAY WINDOW:** Full-color LCD shows current mode and parameter/bank selections.

H. **ENCODER:** Multi-function rotary control with press-switch function. For viewing, selecting and adjusting presets, settings and other functions.

REAR PANEL
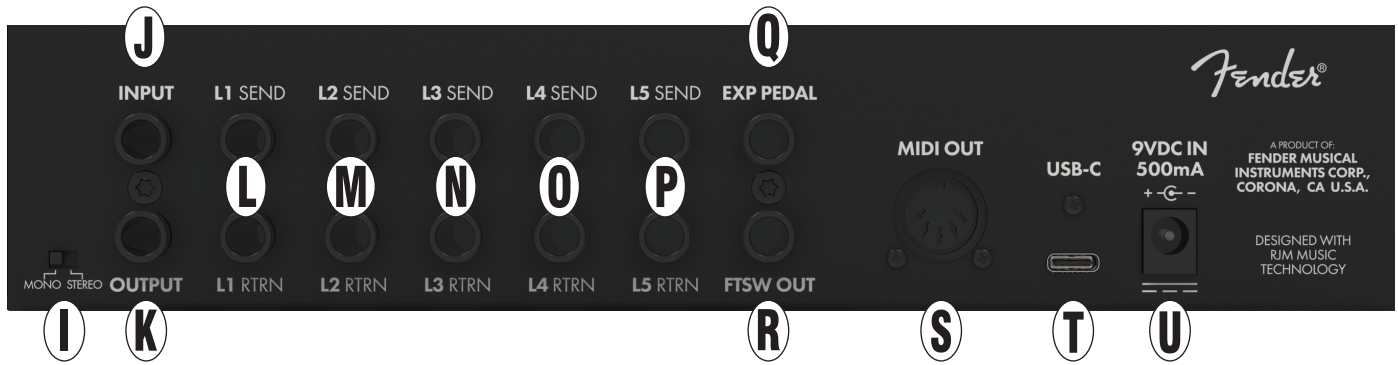
I.   **MONO/STEREO SWITCH:** Selects between mono (TS jack) and stereo (TRS jack) operation for loop 5 return and output jacks. Set to STEREO for use with stereo effect pedals in loop 5.

J.   **INPUT:** ¼" mono instrument input (high impedance).

K.   **OUTPUT:** Stereo-capable ¼" output (low-impedance) for connecting to amplifier or next pedal in signal path.

L.   **LOOP 1 SEND/RETURN:** ¼" mono send and return jacks for connecting a pedal to effect loop 1. Connect the Switchboard send jack to the effect pedal input jack and the Switchboard return jack to the effect pedal output jack.

M.   **LOOP 2 SEND/RETURN:** ¼" mono send and return jacks for connecting a pedal to effect loop 2.

N.   **LOOP 3 SEND/RETURN:** ¼" mono send and return jacks for connecting a pedal to effect loop 3.

O.   **LOOP 4 SEND/RETURN:** ¼" mono send and return jacks for connecting a pedal to effect loop 4.

P.   **LOOP 5 SEND/RETURN:** ¼" mono send and stereo cable return jacks for connecting an effect pedal to effect loop 5. Any stereo effects should be placed here.

Q.   **EXP PEDAL:** ¼" TRS jack for connecting an expression pedal.

R.   **FTSW OUT:** ¼" TRS jack for latching or momentary footswitch control; for use with many amplifier and effect pedal controls such as channel switching, reverb on/off, tap tempo and more.

S.   **MIDI OUT:** Connect external MIDI device here to send MIDI PC and CC messages.

T.   **USB-C:** USB-C jack for firmware updates.

U.   **POWER IN:** Connect a 2.1mm center-negative 9VDC power supply rated at 500mA or more. Switchboard can be powered by most pedalboard power supplies; check your power supply manual for compatibility.

BASICS AND SETUP

SIGNAL PATH AND LOOPS

Switchboard gives the user complete control over the signal path—the route a signal takes from an instrument through effect pedals and other elements into an amp. The order of effects in a signal path greatly affects the resulting tone; using effects loops, Switchboard can reconfigure the order and status (ON or bypassed) of your pedals.
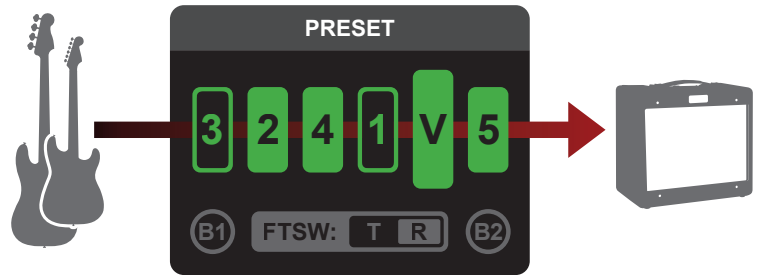
Switchboard shows the signal path using a graphic display. Read left (input) to right (output), the order and status of each effect loop is indicated using loop icons numbered 1-5, while the order and status of the internal volume pedal is indicated by the Volume Pedal icon.

PRESETS AND BANKS

Switchboard saves signal paths and parameter combinations into 400 preset slots, each of which includes the preset name, signal path arrangement, buffer status, footswitch status and any assigned MIDI messages.

Presets are stored in groups of four called banks. Switchboard's 100 banks can be named and are easily scrolled through using foot controls in Bank Mode. Recalling presets lets the player rearrange the signal path and turn multiples pedals on and off with the push of a single footswitch.

One example of organizing a bank is to name it after a particular song, then save up to four presets in it using names of specific sections of the song, such as INTRO, VERSE, CHORUS and SOLO.
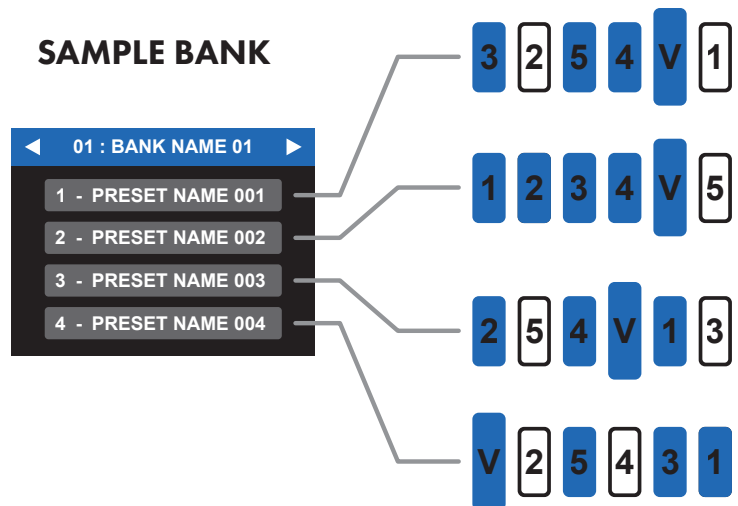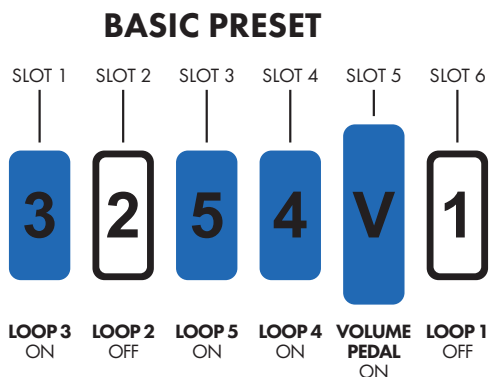
FAVORITES

In addition to the 400 preset slots noted above, 100 more Favorite slots are available. Saving a preset as a Favorite is a fast and effective way to use it in multiple banks simultaneously. Favorite presets are easily loaded into any preset slot across all banks, and all instances of a given Favorite are linked so that any changes made in the Favorite editor automatically update in all preset slots where the Favorite is saved.

SETUP

To setup Switchboard, organize your pedals into five groups and assign each of these to one of the five numbered rear-panel SEND/RETURN jack pairs, referred to from right to left as loops 1 through 5. Ten patch cables are needed to connect all five loops to Switchboard. For stereo operation, Loop 5 requires the left and right signals to be converted into TRS patch cable (left tip/right ring) going into the Loop 5 RETURN jack.

For more advanced control, Switchboard can send footswitch control to an amp, send MIDI messages to external gear, and control the internal volume pedal using a TRS expression pedal. The rear-panel FTSW jack is compatible with amps and pedals that can operate with a TRS (double footswitch) or TS (single footswitch) ground-shorting pedal (refer to your amplifier's manual for compatibility).
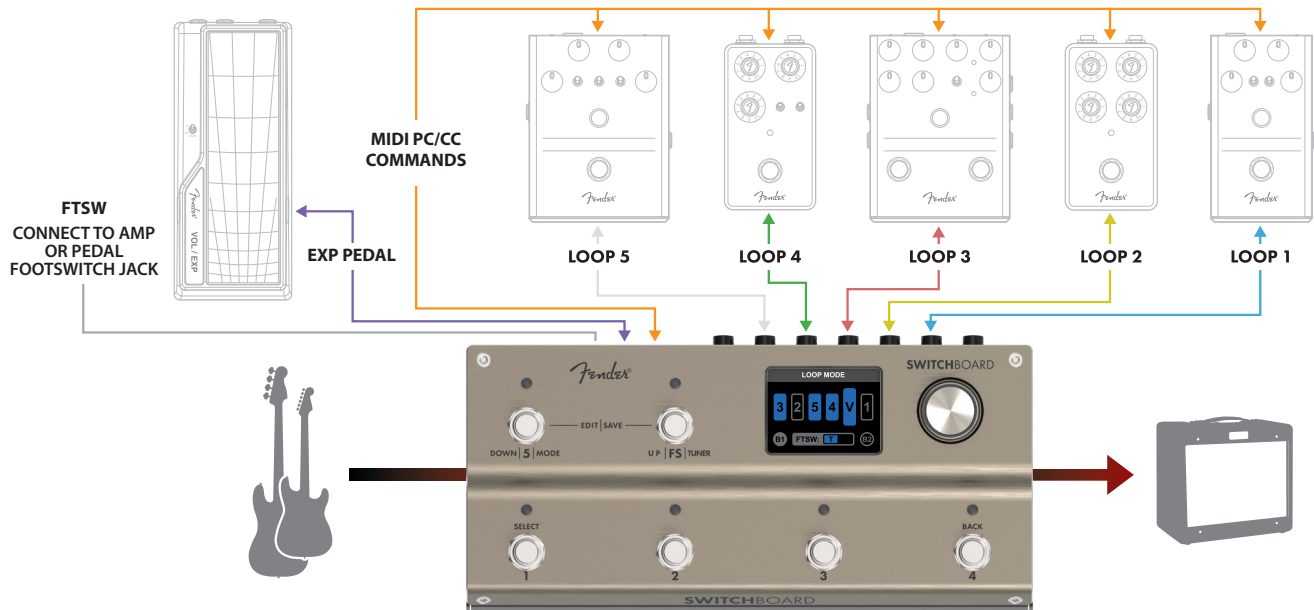
SETUP TIPS

- **PHYSICAL PLACEMENT:** For easy access to its input and output, placing Switchboard at lower right on a pedalboard is recommended.

- **SIGNAL PATH PLACEMENT:** Place Switchboard as close to the beginning of your signal path as possible to make full use of its onboard tuner, internal volume pedal and high-quality buffers. Note that Switchboard's internal buffers can be turned off for use with impedance-sensitive pedals (such as a vintage fuzz) in one of the loops.

- **GROUPING LOOPS 1-4:** Loops 1 through 4 can be rearranged in any order quickly and easily. Consider how your pedals physically fit on your pedalboard when assigning them to loop numbers—for example, you may want to place reverb near the end of the signal path, but the pedal may fit best on your board closest to the loop 1 SEND and RETURN jacks. To minimize cable runs and maximize pedalboard space, use loop 1 for reverb and rearrange Switchboard's internal loop order to place loop 1 near the end of the signal path.

- **LOOP 5:** Loop 5 is stereo enabled, offering the ability to send output from stereo effects (a ping-pong delay, for example) to a stereo input or two amplifiers. To enable stereo output, switch the rear-panel STEREO SELECTION SWITCH to STEREO. Note that Loop 5 can only send a stereo signal when it is in the last position in the signal path; placing any other loop or the volume pedal after Loop 5 in the signal path will defeat the stereo effect and result in a summed mono signal being sent to both left (tip) and right (ring) Switchboard outputs.

- **PATCH CABLES:** Straight-ended patch cables are recommended to connect effect loops to Switchboard, minimizing cable overlap and rear-panel interference.

CONTROL FUNCTIONS

NAVIGATION

Switchboards has several menus for selecting, editing and saving parameters and settings; these are easily navigated using either the encoder or the footswitches:

FUNCTION	FOOTSWITCH	ENCODER
SCROLL UP	FOOTSWITCH FS	ROTATE RIGHT
SCROLL DOWN	FOOTSWITCH 5	ROTATE LEFT
SELECT	FOOTSWITCH 1	PRESS
BACK	FOOTSWITCH 4	LONG PRESS (1 SECOND)

Footswitch menu controls

Encoder menu controls

MODES

Switchboard operates in two modes—LOOP MODE and BANK MODE, both of which put flexible and reliable real-time effect control conveniently at your feet. Both modes can be changed at any time during operation with the work done in each remaining in place until the user returns, providing two active pathways for performing, writing or creating new presets.

LOOP MODE delivers performance-focused real-time pedalboard control and is ideal for creating presets. BANK MODE is a streamlined interface for recalling saved presets from the 100 available banks.

Switchboard first powers up in LOOP MODE by default and subsequently powers up in the mode it was last in when powered off.

Press and hold Footswitch 5 for one second to toggle between LOOP MODE and BANK MODE.
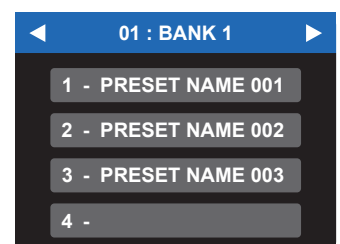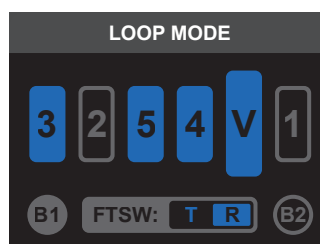
EDIT MENU

The EDIT MENU has access to editing parameters, saving options and global settings. It can be accessed at any time from the LOOP MODE or BANK MODE screens by pressing and holding the encoder for one second.
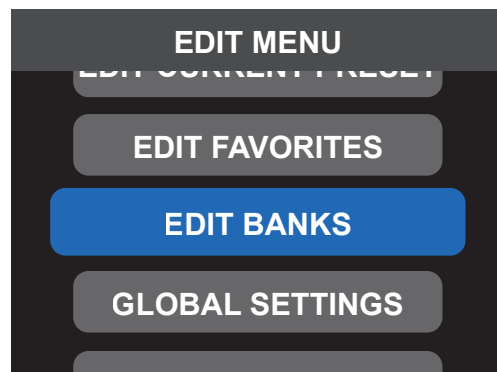
TUNER

Press and hold Footswitch FS for one second to activate Switchboard's onboard tuner; press it again to exit and return to LOOP MODE. The LED above Footswitch FS illuminates red when the tuner is active.

Note that output is muted when the tuner is active, and footswitches 1-5 retain their function from the previous screen (i.e., turning effects on/off, changing presets). Active loops or presets are indicated by flashing LEDs above their corresponding footswitches. Any changes made while tuning will remain in effect when the tuner screen is exited.
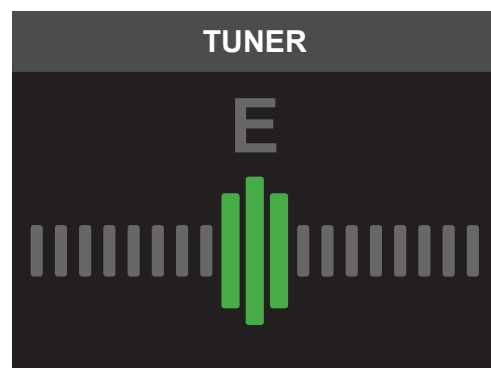
LOOP MODE

LOOP MODE delivers performance-focused real-time pedalboard control and is ideal for creating presets. It offers straightforward manual on/off control of the five effects loops, footswitch control of the rear-panel FTSW jack and control of the internal volume pedal using the rear-panel EXP jack and an external expression pedal.

LOOP MODE controls the footswitches in real time, consequently locking the ENCODER's scroll and press functions to prevent accidental changes. LOOP MODE parameters such as loop order and buffer status are easily edited using the LOOP MODE EDITOR.

ENTERING LOOP MODE

Press and hold Footswitch 5 for one second to enter LOOP MODE from any other mode. When doing so, parameters set in the last LOOP MODE session are loaded.

The LOOP MODE screen displays four types of symbols that quickly and easily indicate control function status and position: Loop symbols (five), the Volume Pedal symbol, Buffer symbols B1 and B2, and the FTSW symbol.

LOOP MODE SCREEN

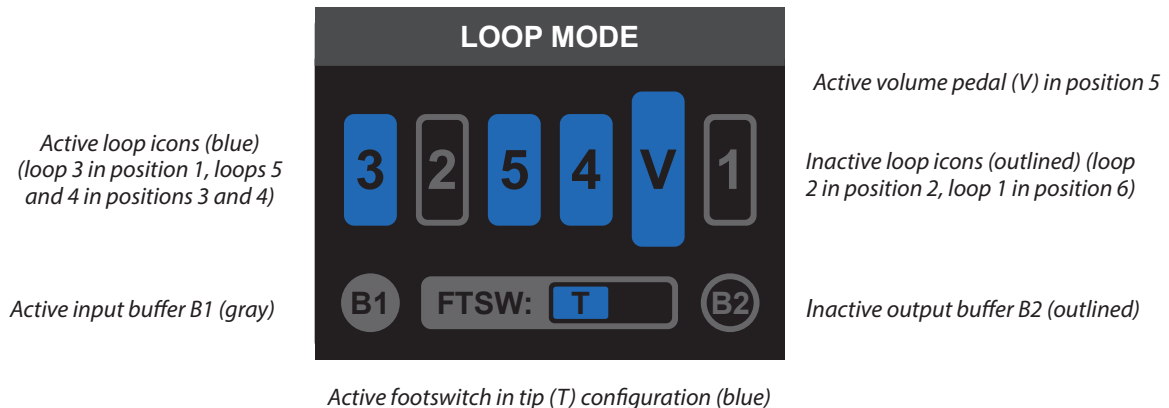The LOOP MODE screen displays the signal path graphic, buffer icons and FTSW icon to indicate current status of all loops, buffers, internal volume pedal and the FTSW jack. The status and order of each effects loop is indicated by its loop icon, which changes as a loop is turned on and off.

Active volume pedal (V) in position 5

Active loop icons (blue) (loop 3 in position 1, loops 5 and 4 in positions 3 and 4)

Inactive loop icons (outlined) (loop 2 in position 2, loop 1 in position 6)

Active input buffer B1 (gray)

Inactive output buffer B2 (outlined)

Active footswitch in tip (T) configuration (blue)

LOOP ICONS: The five loop symbols indicate the placement order of each effect loop and its on/off status. Loop icons are numbered 1-5 to correspond to the footswtiches and SEND and RETURN jack pairs; the corresponding footswitch is used to toggle that effects loop on or off regardless of the loop's location in the signal path.

INTERNAL VOLUME PEDAL ICON: The larger Volume Pedal symbol (V) indicates the signal path placement and on/off status of the internal volume pedal.

BUFFER ICONS: The circular B1 and B2 symbols in the lower corners indicate on/off status of the input (B1) and output (B2) buffers. Because they can't be toggled on and off with a footswitch, their status is indicated using a solid-gray symbol (ON) or a gray-outlined symbol (OFF).

FTSW (FOOTSWITCH) ICON: The FTSW symbol at bottom center displays the on/off status of the rear-panel FTSW conductors controlled by Footswitch FS. The box indicates the conductors being controlled—T (tip) and R (ring)—and turns blue when the FTSW output is active.

EFFECTS ON/OFF

In LOOP MODE, footswitches 1-5 are real-time controls that toggle each loop on and off. Turning an effect loop on sends the instrument signal out of Switchboard and through the effects in that loop, then back into Switchboard in the order shown onscreen. When all effects are bypassed, Switchboard offers buffered or true bypass depending on the buffer status described previously.

To toggle an effect loop on or off in LOOP MODE, simply press the footswitch assigned to that effect loop (indicated by loop number). When a loop is on, its corresponding onscreen loop icon will fill in and the LED above the corresponding footswitch will illuminate.

Footswitches 1-4 feature momentary capability to trigger their respective loops; useful for quick boosts or to accent a single riff. To do this, simply press and hold the footswitch. The corresponding loop will be engaged while the footswitch is held down and will turn off automatically when the footswitch is released. This momentary functionality can be configured on or off for each mode using the MOMEN-TARY FUNCTION option in the GLOBAL SETTINGS menu.

Note that by default, loop icons will fill in blue and footswitch LEDs 1-5 will illuminate red. User-assigned colors can be selected for each loop symbol and corresponding LED using the EDIT LOOP COLOR option in the GLOBAL SETTINGS menu.
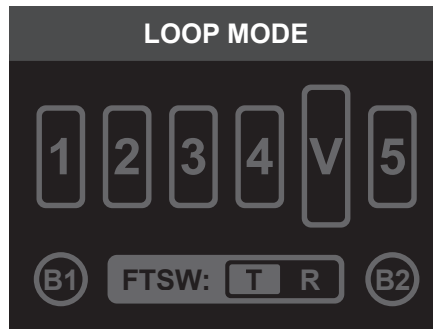
All loops bypassed
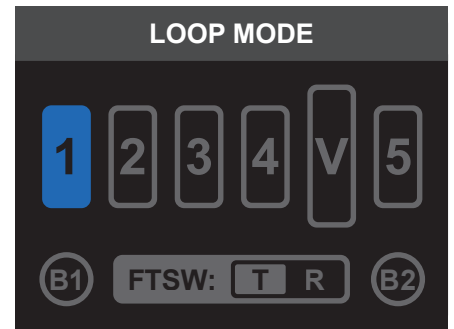
Loop 1 ON

FOOTSWITCH ON/OFF

In LOOP MODE, Footswitch FS functions as a latching or momentary control switch for the rear-panel FTSW OUT jack, which can be used to control outboard gear (i.e., amp channel switching). The jack's tip and ring conductors can be triggered independently or together, letting FTSW OUT act as a two-button remote footswitch. The LED above Footswitch FS will illuminate green when FTSW OUT is activated.

By default, Footswitch FS connects the tip conductor (T) of the FTSW OUT jack to ground when ON (Footswitch FS LED is illuminated) and makes no connections when OFF (Footswitch FS LED is not illuminated).

Using the LOOP MODE EDITOR, the FTSW OUT jack can be configured to choose among seven possible tip (T) or ring (R) connections when in ON or OFF status.
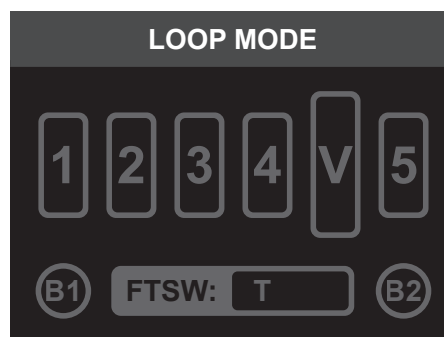
FTSW OFF
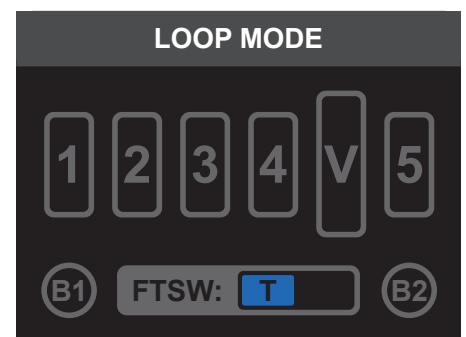
FTSW ON

INTERNAL VOLUME PEDAL

Switchboard's internal volume pedal can be controlled in real time by connecting an expression pedal to the EXP PEDAL jack. By default, the volume pedal is active and placed in the fifth position of the signal path; it can be moved to a different location or turned off using the LOOP MODE EDITOR.

If no expression pedal is connected, the volume pedal will be bypassed but the Volume Pedal Icon will still appear in the signal path graphic.

Note that for best performance, an expression pedal can be calibrated to Switchboard using the CALIBRATE EXP PEDAL option in the GLOBAL SETTINGS menu.

ENTERING EDIT MENU

Press and hold the encoder to open the EDIT MENU, which gives the user options for saving current loop mode parameters, editing favorites, editing banks and accessing the Global Settings menu.

LOOP MODE EDITOR

The LOOP MODE EDITOR controls LOOP MODE parameters using an easily accessible graphic menu.

The user can rearrange the order and status of the five effects loops, rearrange the placement and status of the internal volume pedal, select which FTSW conductors are controlled by Footswitch FS, turn the input and output buffers on and off, and save current LOOP MODE parameters into a preset slot or as a new Favorite.

ENTERING LOOP MODE EDITOR

LOOP MODE EDITOR is accessed from the LOOP MODE screen by pressing Footswitch 5 and Footswitch FS simultaneously.

To return to LOOP MODE, press both footswitches simultaneously again; changes made in the LOOP MODE EDITOR will automatically be applied to LOOP MODE.

LOOP MODE EDITOR SCREEN

For full editing of all LOOP MODE parameters, the LOOP MODE EDITOR displays the signal path graphic with the same four icon types as LOOP MODE, plus two additional icons (loop order arrows and a menu icon in the top right corner). In the LOOP MODE EDITOR, functions for the six footswitches, footswitch LEDs and symbols are the same as in LOOP MODE.

The encoder's rotary and press-switch functions, however, can now be used to toggle through and select each icon, letting the user select and edit each parameter individually. The currently highlighted symbol illuminates in blue, while the others remain gray. Press the encoder while the icon is highlighted to edit the desired parameter. Each icon type and function is explained below.
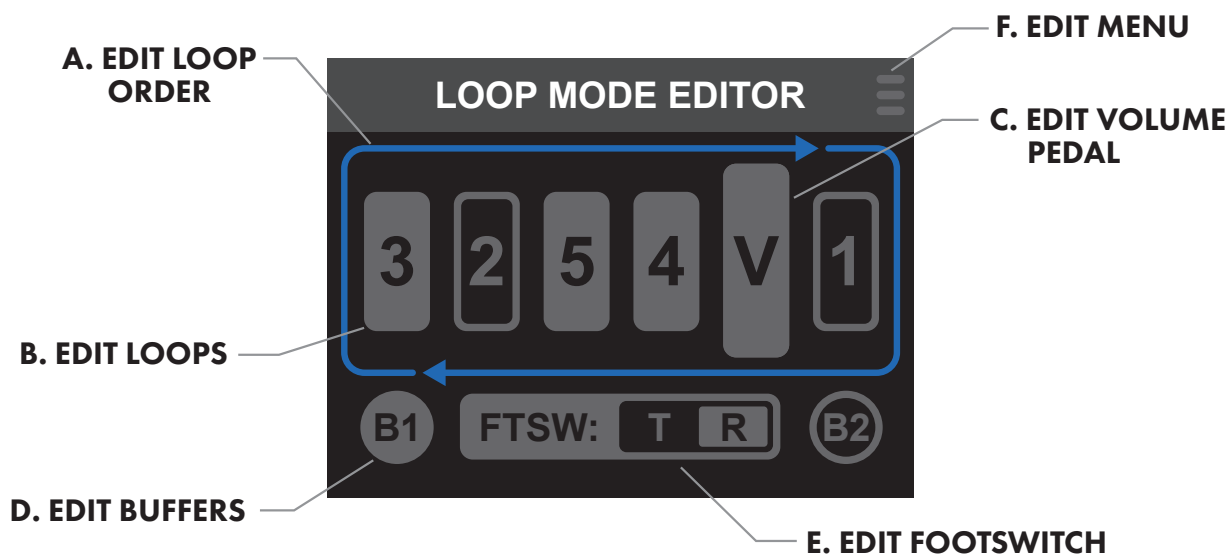
A. EDIT LOOP ORDER

The first menu option in LOOP MODE EDITOR is EDIT LOOP ORDER, which re-organizes all five effect loops and the volume pedal in any order. Selecting the EDIT LOOP ORDER icon will then display a blank signal path graphic (*right*).

Press each loop's footswitch in the order preferred to build a new signal path; Footswitch FS corresponds to the internal volume pedal. As each footswitch is pressed, its corresponding loop icon will populate the next blank slot in the signal path, indicating that the loop is now active in that position, as illustrated below:
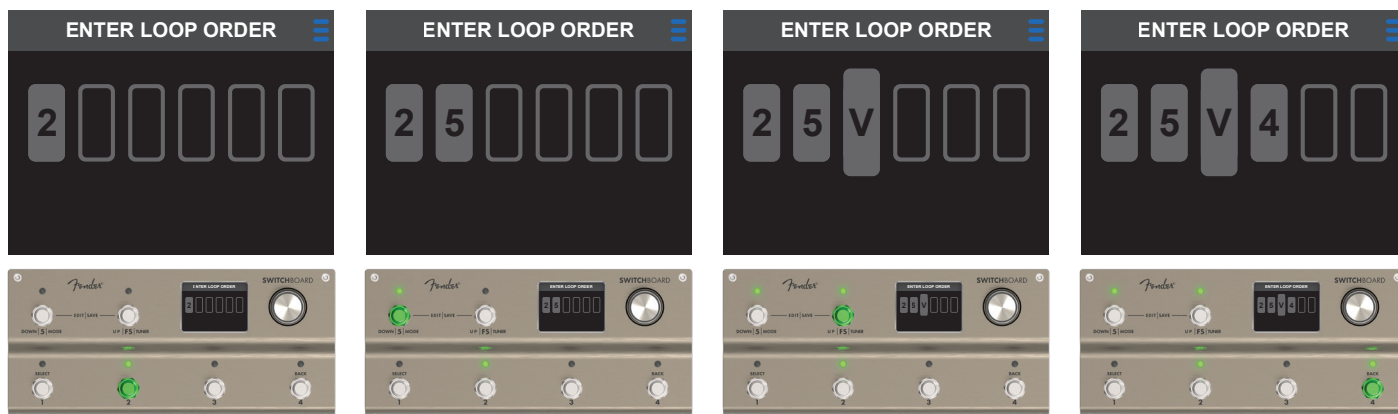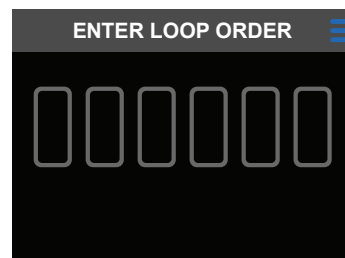
If a footswitch corresponding to a loop that has already been assigned is pressed again, that loop will be reassigned to the last slot in the signal path. All other assigned loops will be shifted ahead in the signal path (*right*).

Once all five loops and the volume pedal have been placed, the new signal path will be saved and Switchboard will automatically return to the LOOP MODE EDITOR screen. To exit without saving changes, press the encoder to access the EXIT MENU.
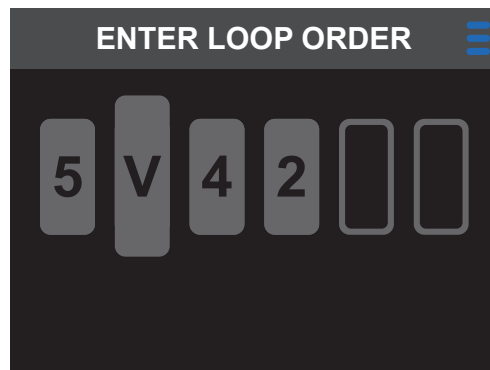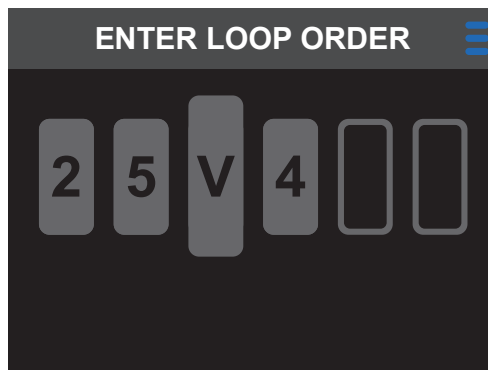
B. EDIT LOOPS

Each loop's status and position can be edited independently by selecting the loop's icon with the encoder; toggle through loop locations by turning the encoder or pressing the footswitches. Press the encoder to select the highlighted location.

OR
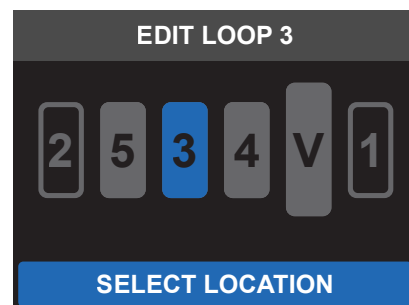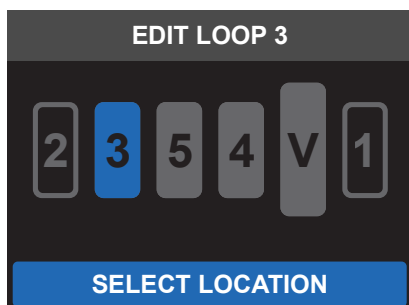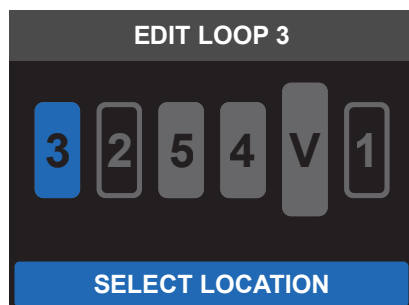
The screen will then display the on/off status editor at the bottom of the screen; use the encoder or the footswitches to toggle the loop on and off.

Once the loop's status has been confirmed, the EDIT LOOP screen will automatically return to the LOOP MODE EDITOR screen with the loop location and status updated.

11
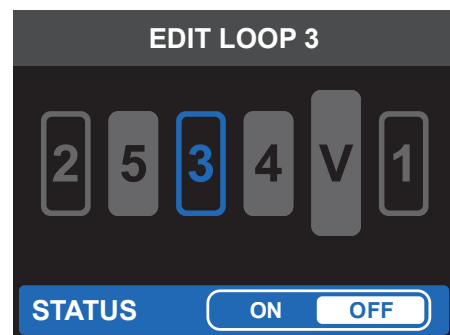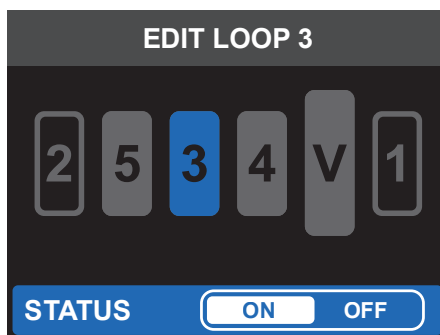
C. EDIT VOLUME PEDAL

Selecting the Volume Pedal icon provides the same editing functionality as editing a loop. When the Volume Pedal icon is selected, the SELECT LOCATION screen is displayed. Toggle through volume pedal locations by turning the encoder or pressing the footswitches. Press the encoder to select the highlighted location.

VOLUME PEDAL
2 5 3 4 V 1
PEDAL LOCATION

VOLUME PEDAL
2 5 3 V 4 1
PEDAL LOCATION

VOLUME PEDAL
2 5 V 3 4 1
PEDAL LOCATION

OR
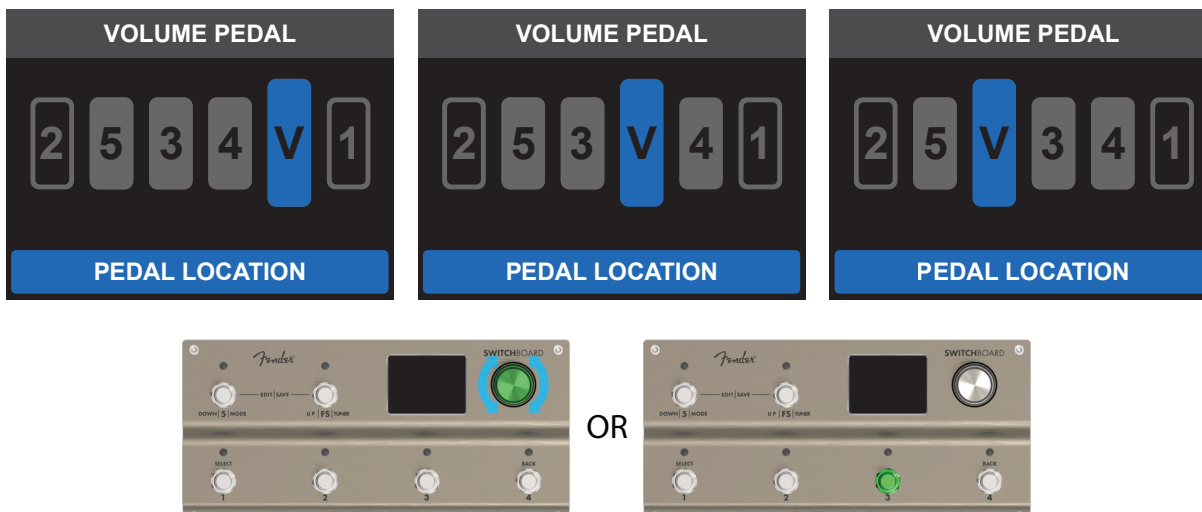
The screen will then change to the STATUS EDITOR. If the volume pedal is turned off, the connected expression pedal will no longer affect volume; helpful when using an expression pedal to send MIDI information without engaging the volume pedal.

Once volume pedal status is confirmed, the EDIT VOLUME PEDAL screen will automatically return to the LOOP MODE EDITOR screen with the volume pedal location and status displayed.

VOLUME PEDAL
2 5 V 3 4 1
STATUS ON OFF

VOLUME PEDAL
2 5 V 3 4 1
STATUS ON OFF
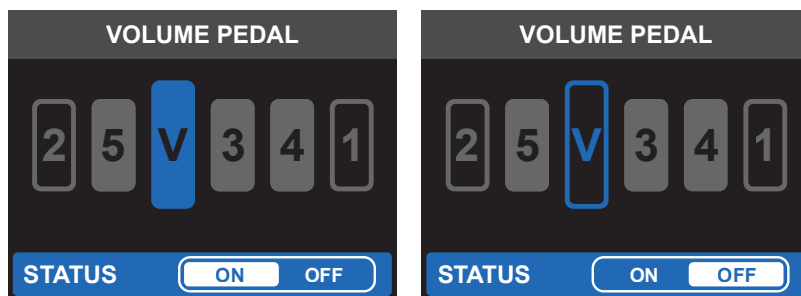
D. EDIT BUFFERS

Switchboard features two high-quality signal buffers, an input buffer (B1) located just after the input jack, and an output buffer (B2) located just before the output jack. Each buffer can be turned on and off individually by selecting its corresponding onscreen icon; useful when using Switchboard in conjunction with impedance-sensitive fuzz pedals and in other instances in which true bypass may be preferred. For optimal signal strength, keeping both buffers on is recommended.

EDIT OUTPUT BUFFER
BUFFER 2 ON OFF
2 5 V 3 4 1
B1 FTSW: T R B2

EDIT OUTPUT BUFFER
BUFFER 2 ON OFF
2 5 V 3 4 1
B1 FTSW: T R B2

Select a buffer's icon to change its status. The EDIT BUFFER screen will appear; use the encoder or footswitches to choose on or off. Once buffer status is confirmed, the EDIT BUFFER screen will automatically return to the LOOP MODE EDITOR screen with the updated buffer status displayed.
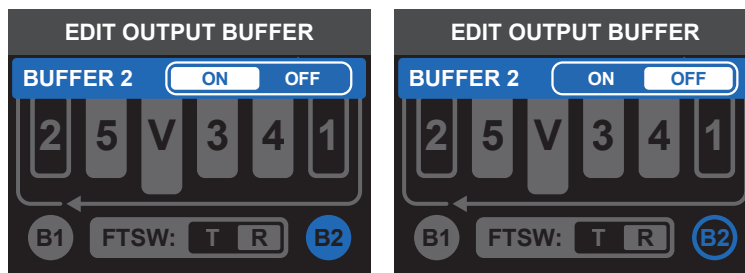
E. EDIT FOOTSWITCH

The FTSW symbol at the bottom center of the LOOP MODE EDITOR screen is used to configure the conductor connections made in the FTSW OUT jack when Footswitch FS is pressed. This lets Switchboard control an amp or other external device that accepts footswitch commands, with seven T/R configurations to choose from.

By default, pressing Footswitch FS activates the FTSW OUT jack's tip conductor (T). The LOOP MODE EDITOR can configure the FTSW OUT jack to make any on-or-off tip (T) or ring (R) connection, as listed below:

MENU OPTION		SWITCH ON		SWITCH OFF	
		TIP	RING	TIP	RING
1	FTSW: T	ON	OFF	OFF	OFF
2	FTSW: R	OFF	ON	OFF	OFF
3	FTSW: T R	ON	ON	OFF	ON
4	FTSW: T R	ON	ON	ON	OFF
5	FTSW: T R	ON	OFF	OFF	ON
6	FTSW: T R	ON	ON	OFF	OFF
7	FTSW: MOM	ON	OFF	OFF	OFF
8	FTSW: OFF	OFF	OFF	OFF	OFF

The function of each setting is explained below using the two-button footswitch jack of a Fender Princeton® Reverb amplifier as an example:

1. **TIP SWITCHABLE (RING ALWAYS OFF):** Footswitch FS turns the amp's vibrato (T) on/off while the amp's reverb (R) remains off in both positions.

2. **RING SWITCHABLE (TIP ALWAYS OFF):** Footswitch FS turns the amp's reverb (R) on/off while the amp's vibrato (T) remains off in both positions.

3. **TIP SWITCHABLE (RING ALWAYS ON):** Footswitch FS turns the amp's vibrato (T) on/off while the amp's reverb (R) remains on in both positions.

4. **RING SWITCHABLE (TIP ALWAYS ON):** Footswitch FS turns the amp's reverb (R) on/off while the amp's vibrato (T) remains on in both positions.

5. **RING AND TIP SWITCHABLE (INVERSELY):** Footswitch FS turns the amp's reverb (R) and vibrato (T) on/off inversely. This means that when Footswitch FS is on, the amp's tremolo (T) is on and its reverb (R) is off; when off, the amp's tremolo (T) is off and its reverb (R) is on.

6. **RING AND TIP SWITCHABLE (UNISON):** Footswitch FS turns the amp's reverb (R) and vibrato (T) on/off simultaneously.

7. **TIP MOMENTARY SWITCHABLE (RING ALWAYS OFF):** Footswitch FS turns vibrato (T) on only as long as the footswitch is held down. This setting can be used as a tap tempo with compatible outboard gear.

8. **RING AND TIP ALWAYS OFF:** Footswitch FS *does not* turn on reverb (R) or tremolo (T) in either position.

To change footswitch conductors, select the FTSW symbol to open the EDIT FOOTSWITCH screen; use the encoder or footswitches to scroll through the connections described above and make a selection.

Once the FTSW conductor configuration has been confirmed, Switchboard will automatically return to the LOOP MODE EDITOR screen.
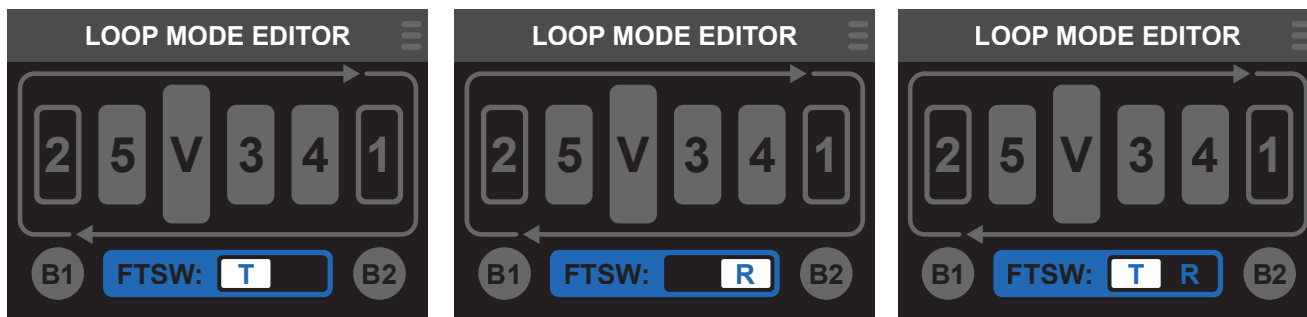
F. EDIT MENU

To access the EDIT MENU from the LOOP MODE EDITOR screen, use the encoder to select the menu symbol in the upper right corner.

MENU SYMBOL
(BLUE)
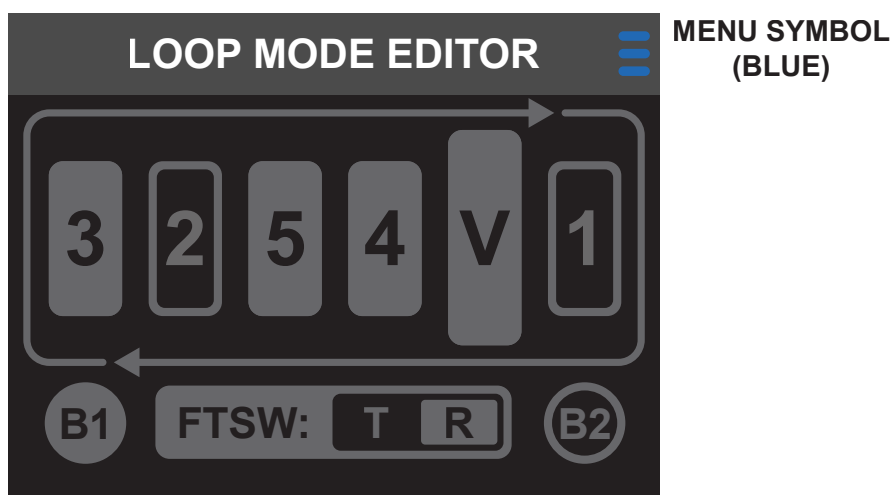
LOOP MODE: CREATING PRESETS

Once LOOP MODE EDITOR parameters are set to preference, they're easily saved to a preset or favorite slot. When saving from LOOP MODE or LOOP MODE EDITOR, all parameters including loop on/off status, loop order, volume pedal location and status, FTSW OUT jack conductor selection and status, and input/output buffer on/off status will be saved.

From LOOP MODE, enter the EDIT MENU by pressing and holding the encoder, then select SAVE CURRENT AS. From the LOOP MODE EDITOR screen, simply press and hold the encoder to enter the LOOP MODE SAVE AS menu. Then use the encoder or footswitches to select a menu option.
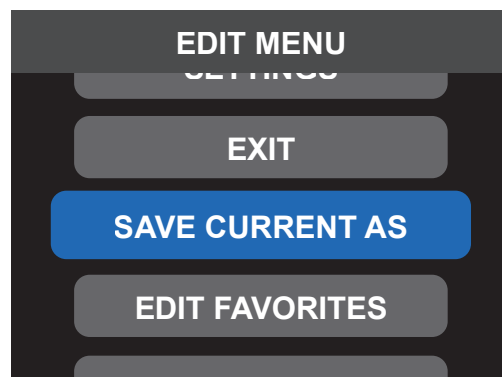
SAVE TO FAVORITES

Selecting SAVE TO FAVORITES saves the current parameters in the next available favorite slots. The NAME FAVORITE screen will appear with the autogenerated name FAVORITE ###, in which ### shows the next available Favorite slot number it will be saved to.

To rename the favorite, use the encoder or footswitches to scroll through and select up to 15 characters. When finished, press and hold the encoder or press Footswitch 4 (BACK) and open the SAVE CONFIRMATION menu. Select SAVE AND RETURN to save the new favorite and return to LOOP MODE.

NAME FAVORITE	NAME FAVORITE	NAME FAVORITE
F A V O R I T E 1	F A V O R I T E 1	C L E A N T O N E

SAVE TO BANK

Selecting SAVE TO BANK saves the current parameters to a user-selected preset slot in one of the 100 banks. The user is prompted to select a save location for the preset using the BANK NAVIGATION screen. The LEDs above Footswitch 5 and Footswitch FS will illuminate in cyan, indicating they can be used to scroll through banks; the LEDs above footswitches 1-4 will flash blue if corresponding preset slots 1-4 are currently full.

To assign the save location using the encoder, turn it to locate the desired bank and press it to confirm. Then turn and press again to select the preferred preset slot.

To assign the save location using the footswitches, use Footswitch 5 and Footswitch FS to scroll to the desired bank, then press the footswitch (1-4) that corresponds to the desired preset slot in the bank. To exit without saving, press and hold the encoder.

◀ 01 : BANK 1 ▶	01 : BANK 1	01 : BANK 1	01 : BANK 1
1 - PRESET NAME 001	1 - PRESET NAME 001	1 - PRESET NAME 001	1 - PRESET NAME 001
2 - PRESET NAME 002	2 - PRESET NAME 002	2 - PRESET NAME 002	2 - PRESET NAME 002
3 -	3 -	3 -	3 -
4 -	4 -	4 -	4 -
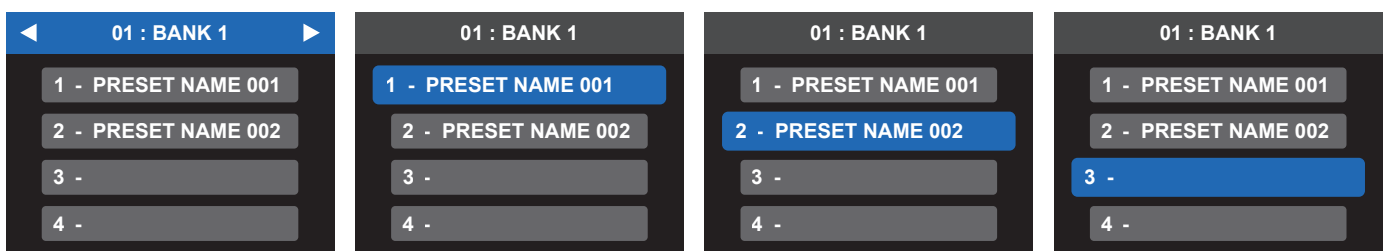
OR

SELECT PRESET SLOT 1-4

On selecting the preset location option, the NAME PRESET screen will appear with the autogenerated preset name PRESET #, where # is the preset slot in that bank. To rename and save the preset, use the encoder or footswitches as previously described in the "Save to Favorites" section.

BANK MODE

BANK MODE is a streamlined interface for organizing and accessing user-made presets that are saved in the 100 banks. Up to four user-defined presets can be stored per bank. Each preset can hold several parameters: loop on/off status, loop order, volume pedal location, FTSW OUT jack conductor selection and status, internal buffer on/off status, outward MIDI PC commands, and outward MIDI CC commands. Preset parameters are determined in LOOP MODE, PRESET EDITOR or the FAVORITES EDITOR and then saved into any preset slot, providing the ability to configure and save more than 400 possible tones from one pedalboard setup, all available at the press of a single footswitch.

The 100 available banks and their presets are all easily accessible at your feet. Use Footswitch 5 and Footswitch FS to scroll through banks and footswitches 1-4 to recall the presets assigned to the four slots within each bank.

ENTERING BANK MODE

To enter BANK MODE from any other mode, press and hold Footswitch 5 for one second; the previously used bank and preset will be loaded. Note that subsequently pressing and holding Footswitch 5 will toggle Switch-board between BANK MODE and LOOP MODE.

BANK MODE SCREEN

In BANK MODE, the display window shows the current bank name and number at the top of the screen, and four preset slots numbered to correspond to the footswitches (1-4) that activate them. The currently active preset appears in an enlarged blue box; inactive presets appear in slightly smaller gray boxes. Preset slots that are full will show the user-generated preset name, while empty preset slots remain empty of text. Favorites are indicated by a gold star to the left of the preset slot when inactive, and by gold highlighting when selected as the currently active preset:

BANK NAME AND NUMBER — 01 : BANK 1

INACTIVE PRESETS Shown in gray

1 - PRESET NAME 001
2 - PRESET NAME 002
3 - PRESET NAME 003
4 -

FAVORITE PRESET (Shown in inactive state)

ACTIVE PRESET Highlighted in blue
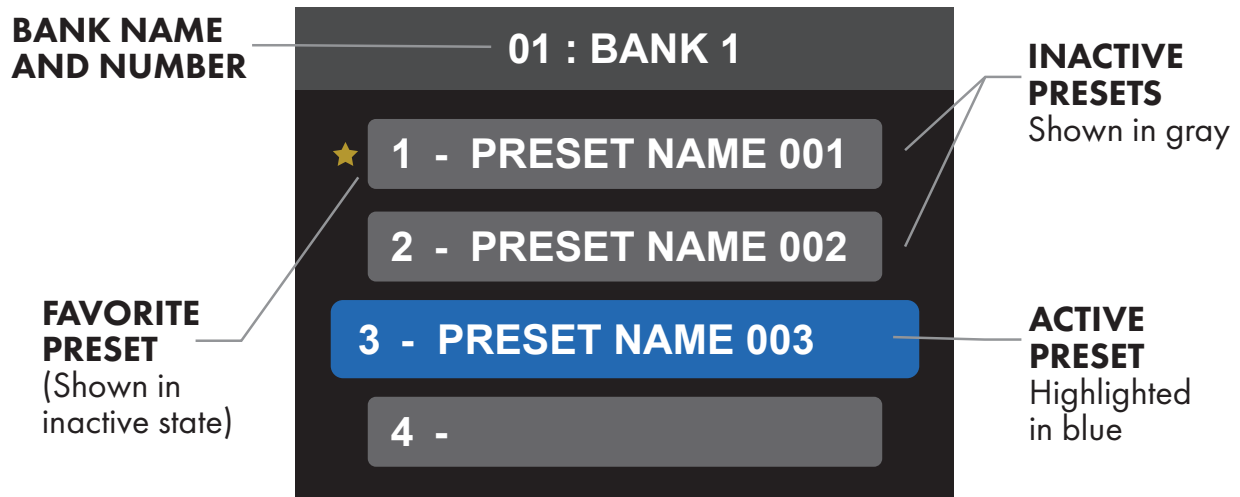
BANK MODE: ACTIVATING PRESETS

In BANK MODE, footswitches 1-4 are used to select among the four preset slots available in the currently visible bank; each footswitch corresponds to its identically numbered onscreen preset slot.

Activate a preset by pressing its corresponding footswitch. The LED above that footswitch will illuminate blue, the corresponding onscreen preset slot will be highlighted in blue, and all parameters saved in that preset will be recalled.

01 : BANK 1

1 - PRESET NAME 001

2 - PRESET NAME 002

3 - PRESET NAME 003

4 -

01 : BANK 1

1 - PRESET NAME 001

2 - PRESET NAME 002

3 - PRESET NAME 003

4 -
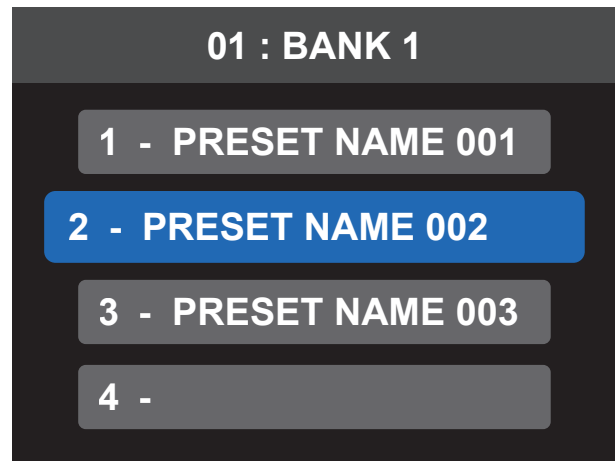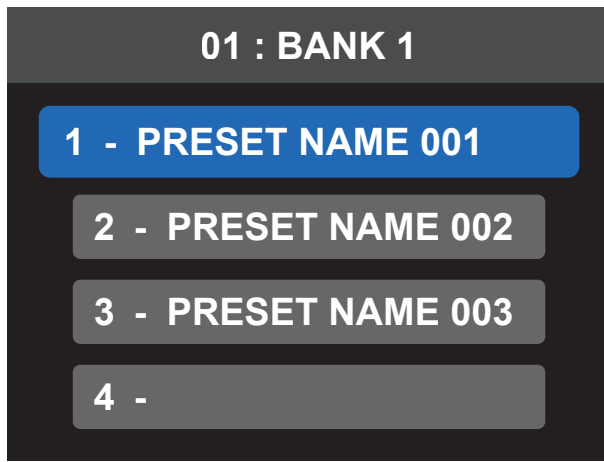
When an empty preset slot is selected, default parameters load in which all loops are bypassed, the volume pedal is on and both buffers are on. Empty slots can thus be used as "clean" bypassed presets.

Footswitches 1-4 feature momentary capability to trigger their respective presets. To do this, simply press and hold the footswitch; the corresponding preset will be engaged while the footswitch is held down and will revert to the previously selected preset when released.

BANK MODE: SCROLLING

Scrolling through banks is done using the encoder or Footswitch 5 (down) and Footswitch FS (up). On scrolling to a new bank, the screen will enter bank scrolling mode indicated by a blue color bar at the top with arrows surrounding the bank name (*right*). The bank screen will remain in scrolling mode until a preset is selected.

◄ **01 : BANK NAME 01** ►

1 - PRESET NAME 001

2 - PRESET NAME 002

3 - PRESET NAME 003

4 - PRESET NAME 004
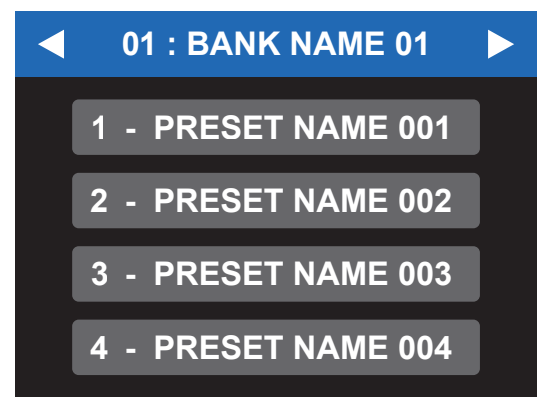
Scrolling can be done at any time in BANK MODE without affecting the currently active preset. The currently active preset will remain active until a new preset is selected. The bank scrolling screen and footswitch LEDs will indicate the currently active bank (which houses the active preset) and inactive banks as shown below and on the following page.

17
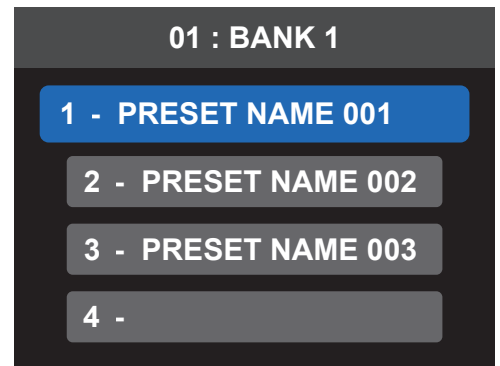
ACTIVE BANK

As seen above, active bank status is indicated by:

- The currently active preset slot highlighted in blue.

- Steady illumination of the corresponding preset footswitch LED.

- Steady illumination in cyan of Footswitch FS and Footswitch 5 LEDs.

INACTIVE BANK
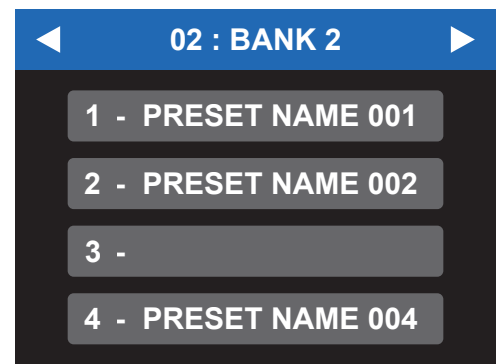
Inactive bank status is indicated by:

- All four preset slots appearing in smaller gray boxes.

- Flashing LEDs above footswitches 1-4 (corresponding to full preset slots).

- Flashing cyan LED above Footswitch FS or Footswitch 5, indicating the fastest route (up or down) back to the bank containing the currently active preset.

QUICK TIP: To quickly return to the bank containing the currently active preset, enter and then immediately exit the PRESET EDITOR. This returns the user to the currently active bank with the currently active preset selected.

PRESET EDITOR

The PRESET EDITOR provides full control of all parameters saved to a preset using an easily accessible graphic menu. The user can rearrange effect loop order/status, rearrange internal volume pedal placement/status, select FTSW conductors to be activated, turn the input/output buffers on and off, edit MIDI messages and rename presets. The PRESET EDITOR can also be used to copy the current preset to another preset slot, save it as a favorite, clear the current preset or load a favorite into a preset slot.

ENTERING PRESET EDITOR

To access the PRESET EDITOR, first select the preset or empty preset slot to be edited from the BANK MODE screen and then press footswitches 5 and FS simultaneously to edit that preset.

To return to BANK MODE, press both footswitches simultaneously. When exiting PRESET EDITOR:

- If current parameters differ from the preset's parameters before entering the PRESET EDITOR, the save menu will appear automatically before returning to BANK MODE.

- If current parameters match the preset's parameters before entering the PRESET EDITOR (even if parame ters were changed and then restored during editing), the user is returned directly to BANK MODE.
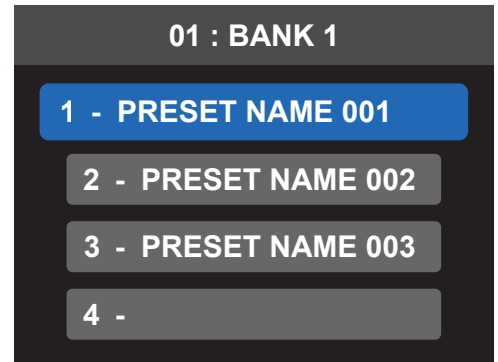
PRESET LIVE LOOP CONTROL

In the PRESET EDITOR, the functions for the six footswitches, footswitch LEDs and icon indications are the same as in LOOP MODE. This means that the PRESET EDITOR screen can be used as a live control mode for any preset. Simply select the desired preset and enter the PRESET EDITOR—the six footswitches can then toggle the FTSW and each loop on or off individually.

Before exiting the PRESET EDITOR, ensure that all loops and the FSTW are set back to their original status. The PRESET EDITOR can then be exited quickly without encountering any exit menus.

PRESET EDITOR SCREEN

For full preset parameter editing, the PRESET EDITOR displays the signal path graphic and options as the LOOP MODE EDITOR, with the addition of MIDI and preset name editing.

The encoder rotary and press-switch functions can now be used to toggle through and select each icon, letting the user select and edit each parameter individually. The currently highlighted icon illuminates in blue while the others remain gray. Press the encoder while the icon is highlighted to edit the desired parameter. Each icon type and function is explained in the following pages.

A. NAME EDITOR
B. CHANGE INDICATOR
C. EDIT LOOP ORDER
D. EDIT LOOPS
E. EDIT BUFFERS
F. EDIT FOOTSWITCH
G. MIDI EDIT MENU
H. EDIT VOLUME PEDAL
I. MENU ICON/ SAVE MENU

05 : BLUES LEAD

5 3 1 2 V 4

B1 T R MIDI B2
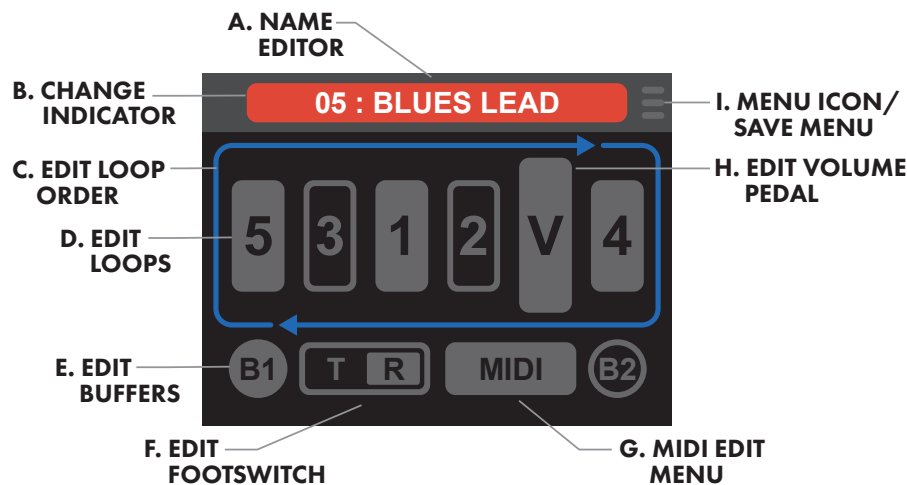
A. NAME EDITOR

Select the preset name bar to rename the preset. Use the encoder or footswitches to scroll through and change the characters. When finished, press and hold the encoder or press Footswitch FS to open the SAVE MENU. Select "Save and Return" to confirm the new name and return to the PRESET EDITOR screen.

EDIT NAME	EDIT NAME	EDIT NAME
P R E S E T 1	P R E S E T 1	C L E A N T O N E

B. CHANGE INDICATOR

When edits to a preset have been made, the box containing the preset name and number changes to red to indicate that unsaved changes have been made. This "change indicator" will remain around the present name until exiting the PRESET EDITOR or returning all preset parameters to their original settings.

C. EDIT LOOP ORDER

This menu option mirrors the function of LOOP MODE EDITOR. Rearrange loop order quickly and easily, and place internal volume pedal in any position.

D. EDIT LOOPS

This menu option mirrors the function of LOOP MODE EDITOR. Select loop to edit position and on/off status.

E. EDIT BUFFERS

This menu option mirrors the function of LOOP MODE EDITOR. Toggle both buffers on and off.

F. EDIT FOOTSWITCH

This menu option mirrors the function of LOOP MODE EDITOR. Choose among several footswitch configurations. The selected conductors and the on/off status of Footswitch FS at the time of saving will be recalled when loading the preset.

G. MIDI EDIT MENU

Switchboard can send MIDI PC and MIDI CC messages to outboard gear when loading a preset. The expression pedal can also be assigned to control any MIDI CC parameter with each preset. These messages can be assigned and edited using the MIDI EDITOR. Use the encoder or footswitches to navigate the MIDI EDIT MENU and select the desired messages. Press and hold the encoder or press Footswitch 4 to exit the MIDI EDIT MENU and save changes.

MIDI PC MESSAGES

Each preset can send one MIDI PC message per each of the 16 MIDI channels; NONE sends no messages and PC 0 - PC 127 transmits the specified PC command. Select the desired channel to edit the PC message sent on that MIDI channel. For fast editing, the ALL option can be used to assign the same PC value to all 16 MIDI channels. Press and hold the encoder or press Footswitch 4 to exit and save changes.

MIDI EDITOR MENU
MIDI PC MESSAGES
MIDI CC MESSAGES
EXP MIDI CONTROL
RENAME CHANNELS

MIDI PC EDITOR

1 - CHANNEL 1	NONE
2 - CHANNEL 2	NONE
3 - CHANNEL 3	NONE
4 - CHANNEL 4	NONE
5 - CHANNEL 5	NONE

MIDI PC EDITOR

1 - CHANNEL 1	NONE
2 - CHANNEL 2	NONE
3 - CHANNEL 3	NONE
4 - CHANNEL 4	NONE
5 - CHANNEL 5	NONE

MIDI PC EDITOR

1 - CHANNEL 1	PC 1
2 - CHANNEL 2	NONE
3 - CHANNEL 3	NONE
4 - CHANNEL 4	NONE
5 - CHANNEL 5	NONE

MIDI PC EDITOR

1 - CHANNEL 1	PC 1
2 - CHANNEL 2	NONE
3 - CHANNEL 3	NONE
4 - CHANNEL 4	NONE
5 - CHANNEL 5	NONE

MIDI CC MESSAGES

Each preset can send up to 15 MIDI CC messages. Select the message slot 1-15 to edit the MIDI CC message transmitted. To send a MIDI CC message, select the MIDI channel (1-16), the control change number (0 to 127) and the value of the control change (V 0 to V 127). Press and hold the encoder or press Footswitch 4 to exit and save changes.

MIDI CC EDITOR

1 -	NONE	# ___	V ___
2 -	NONE	# ___	V ___
3 -	NONE	# ___	V ___
4 -	NONE	# ___	V ___
5 -	NONE	# ___	V ___

MIDI CC EDITOR

1 -	CH 2	# ___	V ___
2 -	NONE	# ___	V ___
3 -	NONE	# ___	V ___
4 -	NONE	# ___	V ___
5 -	NONE	# ___	V ___

MIDI CC EDITOR

1 -	CH 2	# 5	V ___
2 -	NONE	# ___	V ___
3 -	NONE	# ___	V ___
4 -	NONE	# ___	V ___
5 -	NONE	# ___	V ___

MIDI CC EDITOR

1 -	CH 2	# 5	V 97
2 -	NONE	# ___	V ___
3 -	NONE	# ___	V ___
4 -	NONE	# ___	V ___
5 -	NONE	# ___	V ___

MIDI CC EDITOR

1 -	CH 2	# 5	V 97
2 -	NONE	# ___	V ___
3 -	NONE	# ___	V ___
4 -	NONE	# ___	V ___
5 -	NONE	# ___	V ___
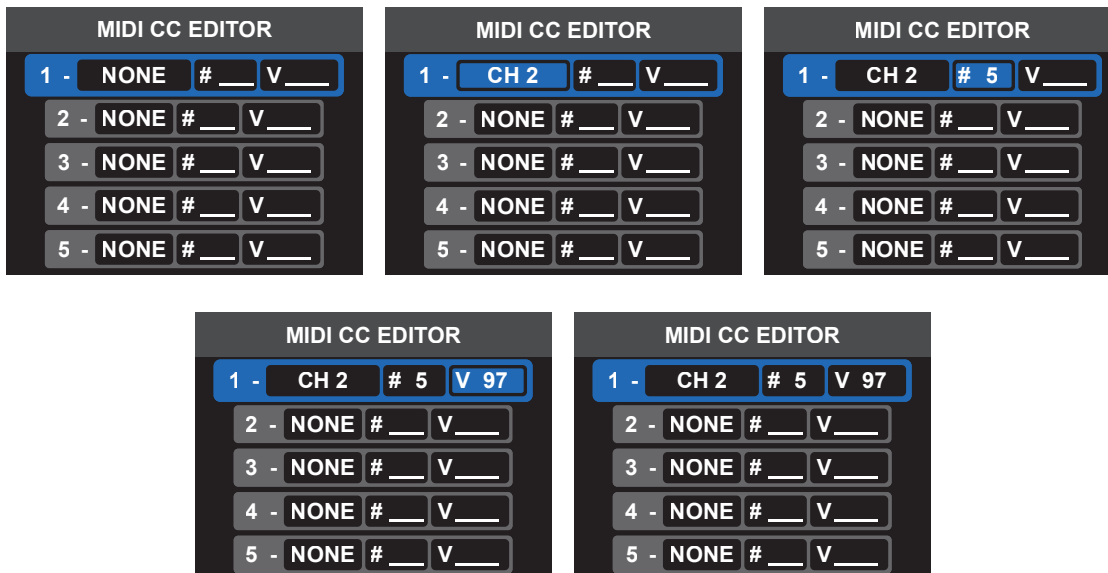
EXP MIDI CONTROL

An expression pedal can be set to control any external device MIDI CC parameter. This control is configured per preset and can control different MIDI CC parameters in each preset. Control parameters are:

- **CHANNEL:** Selects the MIDI channel (1-16) on which the CC messages will be transmitted; NONE transmits no message.

- **MIDI CC#:** Sets the CC message control value.

- **MIN VALUE:** Sets minimum CC value in the range of adjustment.

- **MAX VALUE:** Sets maximum CC value in the range of adjustment.

- **INVERT:** Inverts expression pedal heel/toe position. Default setting is maximum value at toe position and minimum value at heel position. Set invert to YES to set minimum value at toe position and maximum value at heel.

To confirm parameters, press and hold encoder or press Footswitch 4 to exit and save changes.
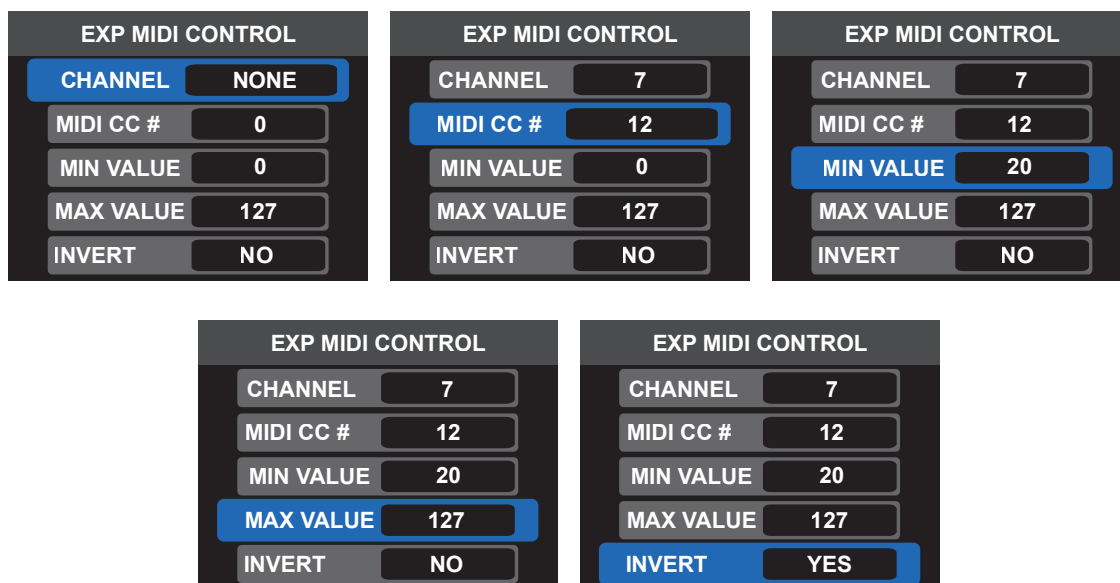
EXP MIDI CONTROL		EXP MIDI CONTROL		EXP MIDI CONTROL	
CHANNEL	NONE	CHANNEL	7	CHANNEL	7
MIDI CC #	0	MIDI CC #	12	MIDI CC #	12
MIN VALUE	0	MIN VALUE	0	MIN VALUE	20
MAX VALUE	127	MAX VALUE	127	MAX VALUE	127
INVERT	NO	INVERT	NO	INVERT	NO

EXP MIDI CONTROL		EXP MIDI CONTROL	
CHANNEL	7	CHANNEL	7
MIDI CC #	12	MIDI CC #	12
MIN VALUE	20	MIN VALUE	20
MAX VALUE	127	MAX VALUE	127
INVERT	NO	INVERT	YES

Note that by default the expression pedal will control the internal Volume Pedal and a MIDI CC parameter simultaneously. To control the MIDI CC parameter only, the volume pedal must be turned off or the volume pedal level must be set using the VOLUME PEDAL EDITOR.

RENAME CHANNELS

Switchboard's MIDI channels 1-16 can be renamed to a user-defined name, making it more convenient to identify the MIDI channel's corresponding pedal or external gear. To rename a channel, select that channel and then use the encoder of footswitches to enter a new name.

RENAME CHANNELS	NAME FAVORITE	NAME FAVORITE	RENAME CHANNELS
1 - CH 1	C H 1	O V E R D R I V E	1 - OVERDRIVE
2 - CH 2			2 - CH 2
3 - CH 2			3 - CH 2
4 - CH 2			4 - CH 2
5 - CH 5			5 - CH 5

H. EDIT VOLUME PEDAL

This menu option mirrors the function of LOOP MODE EDITOR, with the additional ability to hard-set the internal volume pedal level. Once set, this volume pedal level will be loaded when activating the preset, and the expression pedal will no longer control the volume pedal. This feature can be used even when no EXP pedal is connected to the EXP PEDAL input.

To set the volume pedal, first select its location and status (when prompted to "SET LEVEL", select ON). An onscreen control knob will then appear. To select the preferred level, use the encoder, Footswitch 5 and Footswitch FS, or an expression pedal. Press the encoder or Footswitch 1 to confirm the change.

VOLUME PEDAL	VOLUME PEDAL	EDIT VOLUME PEDAL	EDIT VOLUME PEDAL
2 5 V 3 4 1	2 5 V 3 4 1		
SET LEVEL? ON OFF	STATUS ON OFF	PRESET VOLUME LEVEL	PRESET VOLUME LEVEL

I. MENU ICON/SAVE MENU

Select the menu icon at top right in the preset screen to access the SAVE MENU (also accessible by pressing and holding the encoder). Options are:

- **SAVE:** Overwrites current preset with updated parameters.

- **SAVE A COPY:** Creates a copy of the current preset into a bank and preset slot of choice.

- **SAVE AS FAVORITE:** Convert current preset into a new Favorite.

- **CLEAR OR REPLACE:** Empties preset slot or replaces current preset with a Favorite.

BANK MODE: CREATING NEW PRESETS

In BANK MODE, navigate to the bank preferred for creating a new preset and select an empty preset slot using footswitches 1-4. Once an empty preset is selected, enter the PRESET EDITOR by pressing Footswitch 5 and Footswitch FS simultaneously. Empty presets parameters default to all loops placed in numerical order with the volume pedal in position 5, all loops in OFF status, the FSTW jack conductor is set to Tip, and the input and output buffers on. Edit the various parameters to preference using the encoder and footswitches.

Once parameters are set to preference, press Footswitch 5 and Footswitch FS simultaneously to exit the PRESET EDITOR screen and enter the SAVE MENU. Use the encoder or footswitches to select SAVE. When prompted to Overwrite Preset, select YES. The new preset will be saved in the selected preset slot. If no name was defined while editing in PRESET EDITOR, the name "Preset #" will be autogenerated, in which # is the preset slot number.

FAVORITES

Favorites act as global presets that can be saved in multiple banks. All instances of a favorite match in parameters, and editing a favorite using the FAVORITES EDITOR will apply the changes to all instances of that favorite across every bank. Switchboard features 100 available favorite memory slots. Favorites are indicated using the gold star icon and a gold highlight around the favorite name when they're selected in BANK MODE or being edited.

Favorites can be used to quickly duplicate the same tone across multiple banks. When updating a pedal or guitar, changes can easily be made across all these favorites to accommodate the gear change without needing to edit each individual preset.

Favorites can also be used as templates for quickly creating new personalized presets. Once loaded into a bank's preset slot, a favorite can be edited individually in the PRESET EDITOR. This is useful in instances when maintaining the same pedal order and status (saved as a favorite) is preferred but specific MIDI settings for individual presets (edited in PRESET EDITOR and saved as individual presets) are needed.

FAVORITES EDITOR

Favorites can be managed and edited using the FAVORITES EDITOR, accessed through the EDIT MENU by selecting the EDIT FAVORITES option and then selecting the desired Favorite slot for editing.

The FAVORITES EDITOR screen uses the same functionality and icons and the PRESET EDITOR screen; the only difference is the gold box and star surrounding the name used to indicate the Favorite being edited (*right*). Any changes saved during a FAVORITES EDITOR session will be saved to all instances of that favorite across all banks.
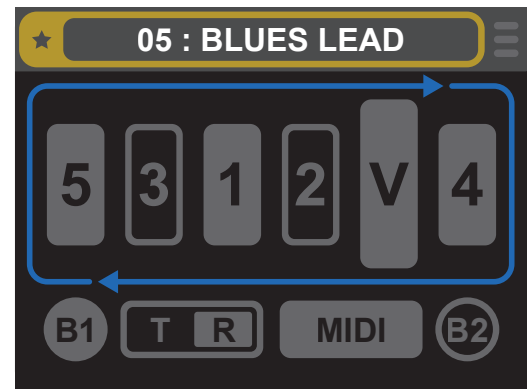
CREATING FAVORITES

A new Favorite can be created in any of the three editor screens. In LOOP MODE EDITOR or PRESET EDITOR, simply select SAVE AS FAVORITE from the SAVE MENU when setting the parameters to preference. Switchboard will save these parameters in the next available Favorite slot.

A new favorite can also be created using the FAVORITE EDITOR by selecting an empty favorite slot. Parameters can be manually entered as they would be in PRESET EDITOR, using the encoder or the footswitches, or loaded from a currently existing preset using the CLEAR OR REPLACE option in the FAVORITES SAVE MENU.

LOADING FAVORITES TO PRESET SLOTS

Favorites can be loaded to preset slots using the FAVORITES EDITOR or the PRESET EDITOR. To do so using the FAVORITES EDITOR, select the SAVE MENU icon or press and hold the encoder. Select SAVE TO BANK, and when prompted use the encoder or footswitches to assign the bank and preset slot to save the Favorite.

To load a favorite using the PRESET EDITOR, select the desired bank and preset slot for loading the Favorite from the BANK MODE screen, and then enter the PRESET EDITOR. Select the SAVE MENU icon or press and hold the encoder, and from the SAVE MENU options select CLEAR OR REPLACE. Then select REPLACE W/ FAVORITE; a prompt will appear to make a selection from a list of all available Favorites. Use the encoder or footswitches to select a Favorite to load into the current preset slot.

CONVERTING FAVORITES TO PRESETS

Once a Favorite is loaded into a bank preset slot, it can be converted into a standard preset to unlink it from the original Favorite.

To do so, start in BANK MODE and select a favorite to convert to a standard preset, then enter the PRESET EDITOR. If any edits made to the Favorite's parameters in the PRESET EDITOR are saved, the Favorite will convert to a standard preset and will no longer be linked to the original Favorite.
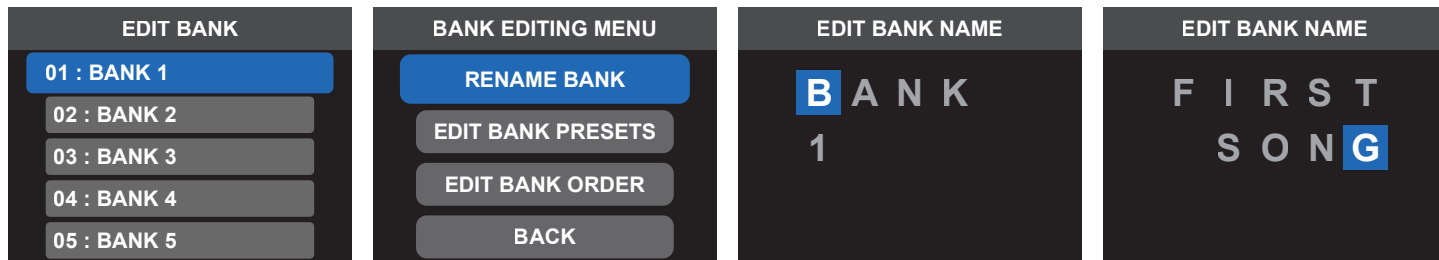
BANK EDITING

Switchboard's 100 banks can be renamed and rearranged as needed. Banks are edited from the EDIT MENU by selecting EDIT BANKS and using the encoder or footswitches to select the desired bank for editing.

RENAMING BANKS

Banks can be renamed to host user-generated names. Note that a bank name always includes its order number followed by a colon (01:, 02:, etc) before the name.

To do so, enter the EDIT BANKS screen and select the bank to be renamed. Select RENAME BANK and use the encoder or footswitches to scroll through and select up to 15 characters. When finished, press and hold the encoder or press Footswitch 4 (BACK) to open the SAVE CONFIRMATION menu. Select SAVE AND RETURN to save the new bank name:

EDITING/CLEARING BANK PRESETS

Bank presets can be edited using the EDIT BANK PRESETS option in the EDIT BANKS menu. In the EDIT BANK PRESETS MENU, selecting any of the four preset slots will open the PRESET EDITOR for that preset. When exiting the PRESET EDITOR, the user is returned to the EDIT BANK PRESETS MENU. Select CLEAR ALL PRESETS to delete all four presets saved to a bank.

EDIT BANK	BANK EDITING MENU	BANK PRESET EDIT MENU	01 : PRESET 1
01 : BANK 1	RENAME BANK	CLEAR ALL PRESETS	
02 : BANK 2	EDIT BANK PRESETS	BACK	3 2 5 4 V 1
03 : BANK 3	EDIT BANK ORDER	BANK PRESET 1	
04 : BANK 4	BACK	BANK PRESET 2	B1 T R MIDI B2
05 : BANK 5		BANK PRESET 3	
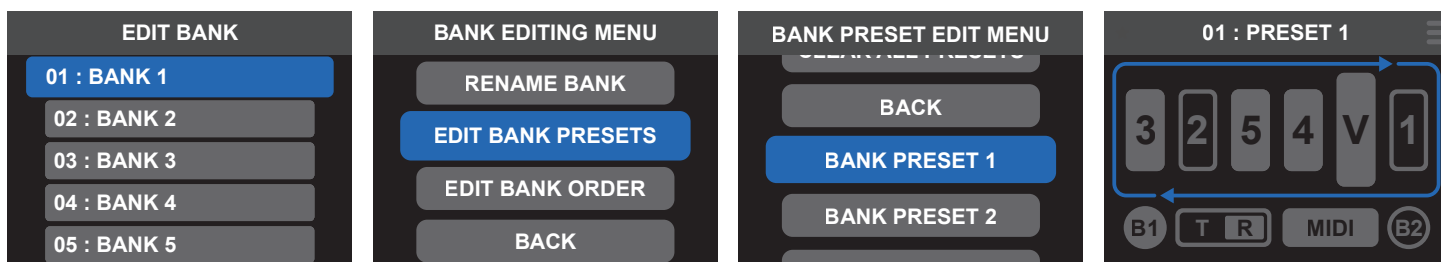
EDITING BANK ORDER

Banks can be reordered using the EDIT BANK ORDER option in the EDIT BANKS menu. To do so, select EDIT BANK ORDER and use the encoder or footswitches to select the bank to be reordered. Use t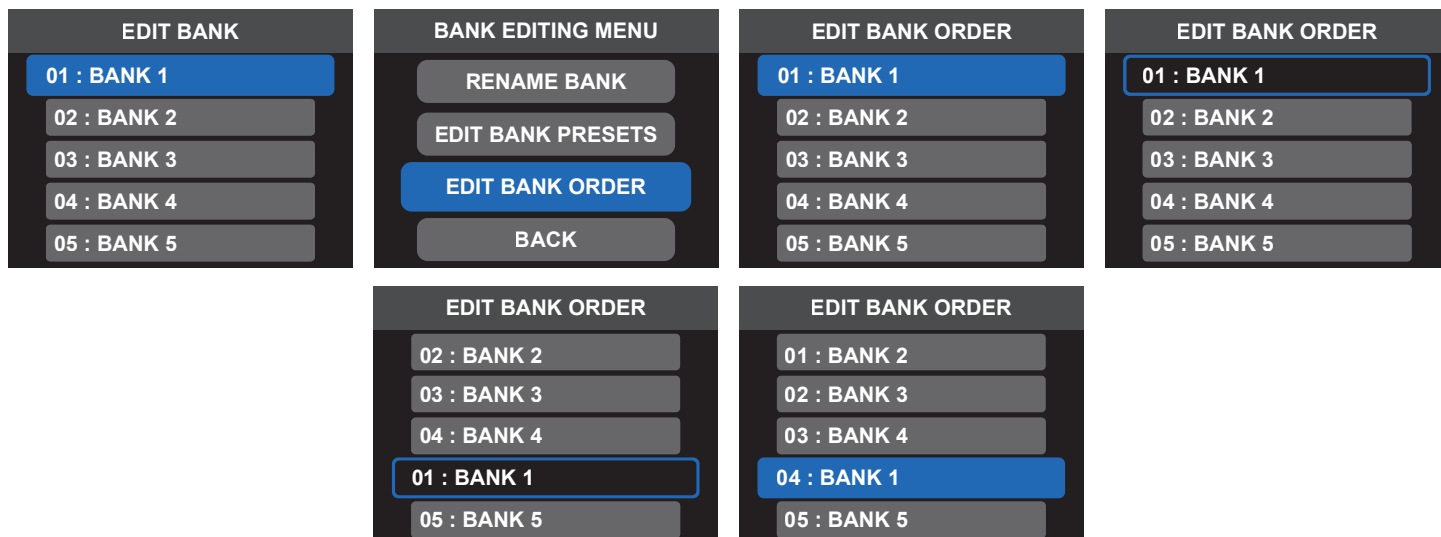he encoder or footswitches to move the selected bank to a new location; note that the selected bank will be highlighted in blue and will contain its original bank number while it is being moved. To confirm the new location, press the encoder or Footswitch 1 and select SAVE; the bank number will update to reflect the new location.

EDIT BANK	BANK EDITING MENU	EDIT BANK ORDER	EDIT BANK ORDER
01 : BANK 1	RENAME BANK	01 : BANK 1	01 : BANK 1
02 : BANK 2	EDIT BANK PRESETS	02 : BANK 2	02 : BANK 2
03 : BANK 3	EDIT BANK ORDER	03 : BANK 3	03 : BANK 3
04 : BANK 4	BACK	04 : BANK 4	04 : BANK 4
05 : BANK 5		05 : BANK 5	05 : BANK 5

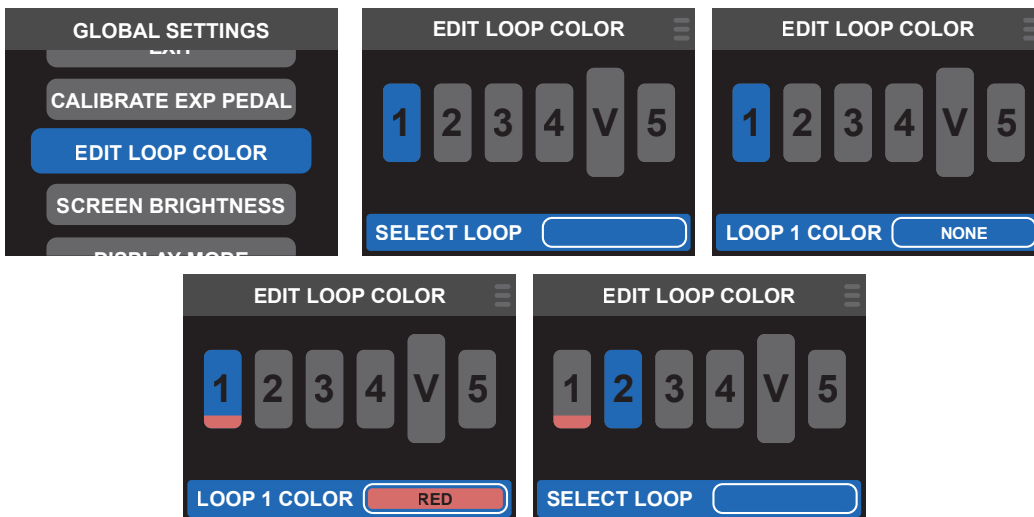| EDIT BANK ORDER	EDIT BANK ORDER
02 : BANK 2	01 : BANK 2
03 : BANK 3	02 : BANK 3
04 : BANK 4	03 : BANK 4
01 : BANK 1	04 : BANK 1
05 : BANK 5	05 : BANK 5

GLOBAL SETTINGS

EXP PEDAL CALIBRATION

For optimal performance, Switchboard can be calibrated to work with a variety of external expression pedals. To do so, first ensure that an expression pedal is connected to the rear-panel EXP PEDAL input. From the GLOBAL SETTINGS menu, select CALIBRATE EXP PEDAL to open the calibration screen, then open and close the expression pedal a few times to ensure that the on-screen control knob rotates along with the pedal. When the minimum and maximum rotations of the onscreen control knob match the heel and toe positions of the expression pedal, press the encoder or Footswitch 1 to confirm calibration.

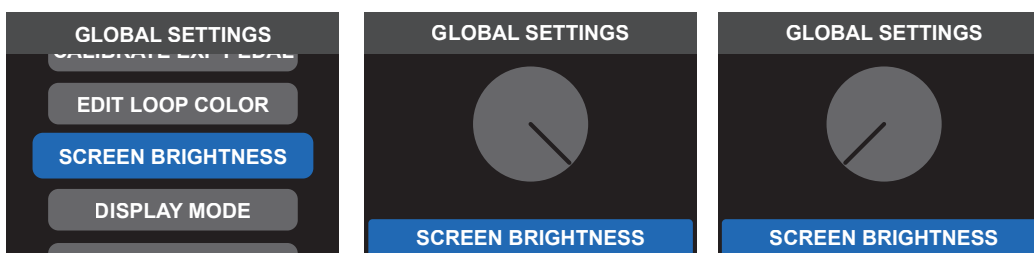| GLOBAL SETTINGS	GLOBAL SETTINGS	GLOBAL SETTINGS
VERSION 1.1.1		
EXIT		
CALIBRATE EXP PEDAL		
EDIT LOOP COLOR	EXP PEDAL CALIBRATION	EXP PEDAL CALIBRATION
SCREEN BRIGHTNESS		
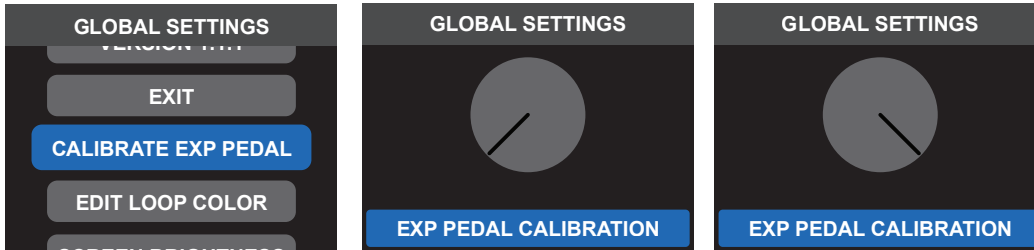
LOOP COLOR

The user can assign a different color to each of the five loops; the color is used for the onscreen loop icon and the loop footswitch LED. The associated loop icon will show its assigned color flag any time it appears onscreen.

To assign a loop color, select EDIT LOOP COLOR from the GLOBAL SETTINGS menu. Then select the loop icon to be edited by pressing its corresponding footswitch or by turning and pressing the encoder to highlight and confirm its selection. Use the encoder or footswitches to scroll through and select among five color options, then press and hold the encoder or select the menu icon at top right to save.

GLOBAL SETTINGS	EDIT LOOP COLOR	EDIT LOOP COLOR
EXIT	1 2 3 4 V 5	1 2 3 4 V 5
CALIBRATE EXP PEDAL		
EDIT LOOP COLOR		
SCREEN BRIGHTNESS	SELECT LOOP	LOOP 1 COLOR NONE
DISPLAY MODE		

EDIT LOOP COLOR	EDIT LOOP COLOR
1 2 3 4 V 5	1 2 3 4 V 5
LOOP 1 COLOR RED	SELECT LOOP

SCREEN BRIGHTNESS

Switchboard's LCD screen brightness can be adjusted for a variety of lighting situations. To do so, select SCREEN BRIGHTNES from the GLOBAL SETTINGS menu and use the encoder or footswitches to adjust the onscreen brightness control knob. Press the encoder or Footswitch 1 to save.

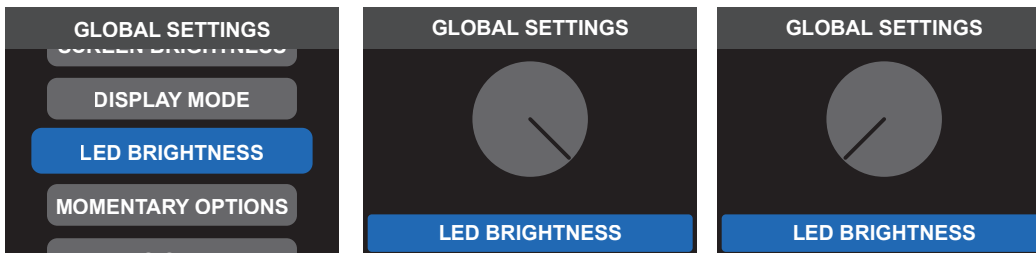| GLOBAL SETTINGS	GLOBAL SETTINGS	GLOBAL SETTINGS
CALIBRATE EXP PEDAL		
EDIT LOOP COLOR		
SCREEN BRIGHTNESS	SCREEN BRIGHTNESS	SCREEN BRIGHTNESS
DISPLAY MODE		
LED BRIGHTNESS		

DISPLAY MODE

For optimal visibility in different lighting situations, Switchboard features two display modes for all screens and menus—DARK THEME (default) is suited to most indoor settings; higher-contrast LIGHT THEME is suited to brighter lighting situations such as full sunlight outdoors. Select DISPLAY MODE from the GLOBAL SETTINGS menu and use the encoder or footswitches to choose either theme; press the encoder or Footswitch 1 to confirm a selection.
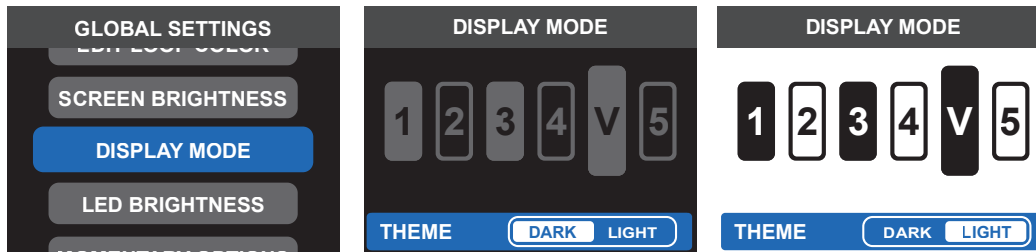

LED BRIGHTNESS

To set Switchboard's LED brightness for optimal visibility in a variety of lighting situations, select LED BRIGHTNESS from the GLOBAL SETTINGS menu. Use the encoder or footswitches to adjust the onscreen brightness control knob; press the encoder or Footswitch 1 to save.

MOMENTARY OPTIONS

Footswitches 1-4 can be configured for momentary switching in each of the three modes (LOOP MODE, BANK MODE and EDITOR MODE). To do so, select MOMENTARY OPTIONS from the GLOBAL SETTINGS menu and use the encoder or footswitches to choose ON or OFF.

When set to ON, footswitches 1-4 act as both latching and momentary switches in the selected mode. To engage momentary function, simply press and hold the footswitch. The corresponding loop or preset will be engaged for as long as the footswitch is held down and will turn off automatically when the footswitch is released. Momentary function can be used to toggle loops on or off in LOOP MODE and EDITOR MODE. When set to OFF, footswitches 1-4 only act as latching switches in the selected mode.
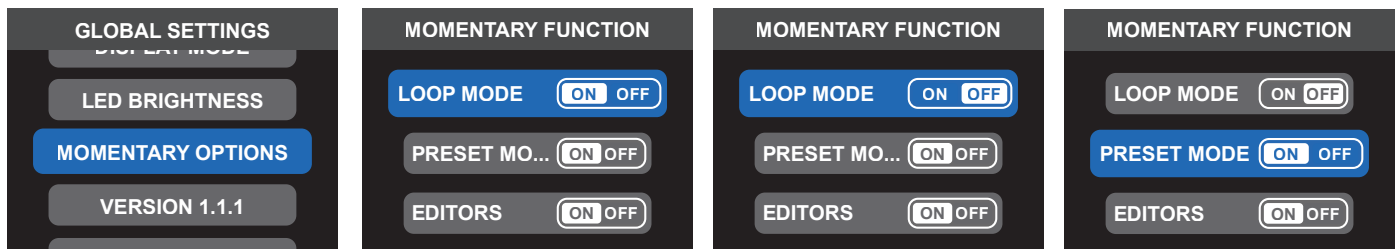
VERSION

Selecting VERSION in the GLOBAL SETTINGS menu displays Switchboard's current firmware version.

FIRMWARE UPDATES

The rear-panel USB-C port is used to connect Switchboard to a computer for installing periodic firmware updates available at fender.com/firmware/support.

FACTORY RESET

Performing a factory reset will delete all all user-saved presets and settings and will restore all Switchboard default settings.

Initiate a factory reset by simultaneously pressing and holding footswitches 1 and 4 while powering Switchboard up. A factory reset warning screen will then appear; continue holding footswitches 1 and 4 for three seconds to complete the factory reset.

**Hold for 3 seconds
to factory reset**
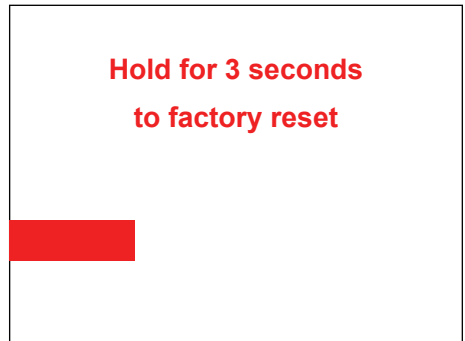
**For questions and troubleshooting,
contact a Fender specialist at:
1-800-856-9801 (U.S. toll free)
1-480-596-7195 (International)**

Other language translations available www.at fender.com

SPECIFICATIONS

CE

TYPE	PR 6246
POWER REQUIREMENTS	500mA @ 9VDC
MAXIMUM CURRENT DRAW	500mA
INPUT IMPEDANCE	1MΩ (input buffer ON)
OUTPUT IMPEDANCE	150Ω (input buffer OFF)
INDIVIDUAL LOOP IMPEDANCE	50Ω series (per active loop)
ACCESSORIES	International voltage adaptor (included)
DIMENSIONS/WEIGHT	Width: 9.53" (24.2 cm) Height: 2.72" (6.91 cm) Depth: 4.53" (11.5 cm) Weight: 3 lbs. (1.36 kg)

Product specifications subject to change without notice

**PART NUMBERS / REFERENCIAS / RÉFÉRENCE / NÚMERO DAS PEÇAS / NUMERO PARTI / TEILENUMMERN
NUMERY REFERENCYJNE / REFERENČNÍ ČÍSLA / REFERENČNÉ ČÍSLA / REFERENČNE ŠTEVILKE / 部品番号 / 型号
零件號 / HOMEPA HA ЧАСТИ / BROJEVI DIJELOVA / ONDERDEELNUMMERS / OSANUMBRID / OSIEN NUMEROT
ARITHMOI MEROS / DAĻU NUMURI / DALIŲ NUMERIAI / NUMERE DE PIESĂ / ARTIKELNUMMER**

SWITCHBOARD

0235150000 (120V, 60Hz) NA
0235150001(120V, 60Hz) MX

产品中有害物质的名称及含量

部件名称	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
箱体	O	O	O	O	O	O
喇叭单元*	O	O	O	O	O	O
电子部分	X	O	X	O	O	O
接线端子	X	O	O	O	O	O
电线	X	O	O	O	O	O
附件	O	O	O	O	O	O

本表格依据 SJ/T 11364 的规定编制。
O： 表示该有毒有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。
X： 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。
注： 含有有害物质的部件由于全球技术发展水平限制而无法实现有害物质的替代。

*产品含有喇叭单元时有效。

A PRODUCT OF
FENDER MUSICAL INSTRUMENTS CORP.
345 CESSNA CIRCLE
CORONA, CALIF. 92878 U.S.A.

PANEL DE CONTROL DE EFECTOS
IMPORTADO POR: Fender Ventas de México, S. de R.L. de C.V.
Calle Huerta #279, Int. A. Col. El Naranjo. C.P. 22785. Ensenada, Baja California, México.
RFC: FVM-140508-CI0
Servicio al Cliente: 01(800) 7887395, 01(800) 7887396, 01(800) 7889433