

SVE Pro MIDI Information & Details:

The SVE Pro accepts a 3.5mm (1/8th inch) TRS phone cable, following the **MIDI Type A** connection standard. Please ensure that your MIDI controller and cabling follows the MIDI Type A wiring standard.

Your SVE Pro ships factory assigned to **MIDI Channel 13**. Because: it's the coolest.

The SVE Pro is very easy to integrate into your MIDI system, and using MIDI with your SVE Pro can greatly expand the capacity and capabilities of this powerful chorus pedal.

All controls, buttons and functions on your SVE Pro are available to be controlled remotely via MIDI, and there are an additional 8 presets available for you when using MIDI control. Below is a quick reference guide for all MIDI actions your SVE can execute. Please take a moment to review and familiarize yourself with the power now available to you, so that you can get the most out of your SVE Pro.

Control knob changes:

You can quickly and easily change the control knob settings by sending your SVE Pro a CC message with the specific value that you would like to set the control to.

-Example: Set Mix control to 50/50 -- Send CC#: 0, Value: 63

Bypass / Engage:

There are three ways that you can bypass or engage your SVE Pro:

- CC# 5 (Value of "0" will Bypass your SVE Pro; any value ≥ 1 will Engage your SVE Pro)
- Note-On / Note-Off message (Note-On to Engage, Note-Off to Bypass)
- CC# 12 will toggle Bypass/Engage (i.e. if bypassed, CC# 12 will engage your SVE Pro)

Presets:

Your SVE Pro features one "Live" preset, available by holding down the Tap-Tempo/Preset footswitch for 1.5 seconds, and your SVE Pro has *eight more* presets available via MIDI.

To Save a MIDI Preset:

-CC# 7, Value of 0 – 7 (0 being MIDI Preset 0, 3 being MIDI Preset 3, etc.)

To Recall a MIDI Preset:

-PC# with MIDI Preset to recall. (E.g.: PC# 5 will recall and activate MIDI Preset 5.)

MIDI Clock:

Your SVE Pro will lock onto MIDI clock any time MIDI clock is preset, and MIDI Clock is enabled. To Enable MIDI Clock: CC# 52. To Ignore MIDI Clock CC# 51

Normal/Stereo Modes:

- CC# 9 will switch to Normal Mode
- CC# 10 will switch to Stereo Mode
- CC# 11 will toggle between Normal and Stereo Mode.

SVE Pro MIDI Message Reference Tables:

Action/Parameter	MIDI Message Type	MIDI CC #:	Value:
Mix Control	Control Change	0	Control Value: 0 – 127
Depth Control	Control Change	1	Control Value: 0 – 127
Rate Control	Control Change	2	Control Value: 0 – 127
Bypass / Engage	Control Change	5	0 = Bypass, 1 - 127 = Engage
Save MIDI Preset	Control Change	7	Preset Number: 0 – 7
Normal Mode	Control Change	9	<i>NULL / DON'T CARE</i>
Stereo Mode	Control Change	10	<i>NULL / DON'T CARE</i>
Normal/Stereo	Control Change	11	<i>NULL / DON'T CARE</i>
Toggle Bypass	Control Change	12	<i>NULL / DON'T CARE</i>
MIDI Tap-Tempo	Control Change	13	<i>NULL / DON'T CARE</i>
MIDI Clock Ignore	Control Change	51	<i>NULL / DON'T CARE</i>
MIDI Clock Enable	Control Change	52	<i>NULL / DON'T CARE</i>
Subdivision	Control Change	53	0 = 1/4 Note 1 = 1/8 Note 2 = Dotted 1/8 Note
Live Controls	Control Change	99	<i>NULL / DON'T CARE</i>
Action	MIDI Message Type	MIDI PC #:	
Load Preset	Program Change	Preset Number: 0 – 7	
Live Mode	Program Change	99	
Set Channel* (See Below)	Program Change	New Channel: 1 – 16	
Action	MIDI Message Type	Note Number:	Velocity:
Engage	Note-On	<i>NULL / DON'T CARE</i>	<i>NULL / DON'T CARE</i>
Bypass	Note-Off	<i>NULL / DON'T CARE</i>	<i>NULL / DON'T CARE</i>
Action	MIDI Command		
MIDI Clock	MIDI Clock		

***Changing the assigned MIDI Channel:**

You can assign your choice of the 16 MIDI channels to your SVE Pro quickly and easily. To Change your SVE Pro's MIDI channel, or check the currently assigned MIDI channel:

-Disconnect power from your SVE Pro.

-Hold down the SAVE and NORMAL/STEREO buttons and connect power.

-All LEDs will turn off.

-After 1 second, the upper right LED will blink a pattern, in Orange, which displays the currently assigned MIDI channel. E.g. 13 blinks = MIDI Channel 13 is currently assigned. Remove power from your SVE Pro if you wish to maintain the currently assigned MIDI Channel.

-After a brief moment, all LEDs will illuminate solid Orange.

-Your SVE Pro will now wait to receive a Program Change MIDI message, *on its current channel*.

-The first Program Change message received *on the current MIDI channel* will change your SVE Pro's MIDI Channel to the MIDI PC number.

I.e.: From the factory, your SVE Pro is assigned MIDI Channel 13. The first PC number received on Channel 13 will be your SVE Pro's new MIDI channel.

E.g.: PC# 3 sent on Channel 13 assigns your SVE Pro's MIDI channel to MIDI Channel 3.

-The LED's will blink to display the new channel.

E.g.: the LEDs will blink 3 times indicating the MIDI Channel is now MIDI Channel 3, and your SVE Pro will resume normal operation with its newly assigned MIDI Channel.

Factory Reset:

If you would like to restore your SVE Pro's MIDI configurations to factory defaults:

-Disconnect power from your SVE.

-Hold down the BYPASS *and* TAP-TEMPO footswitches *and* the NORMAL/STEREO button and connect power.

-The LEDs will all illuminate orange and do a neat little dance for you, then blink twice, and return to normal operation.

-Your SVE has now been restored to factory MIDI defaults.

Note: All previously stored MIDI presets will not be erased and are still present.