

LORE

STEREO REVERSE SOUNDSCAPE GENERATOR



INSTRUCTION MANUAL

v.1 - 10/13/26

Controls

Feedback: Controls the amount of gain in the first feedback path.

Modes 1, 2, 3 – Control the amount of delay repeats.

Mode 4 – Controls the amount of octave-down added to reverse reverb along with the reverse reverb feedback amount.

Mode 5 – Controls the amount of pitched delay repeats.

Regen (Regeneration): Controls the amount of gain in the second feedback path.

Mode 1 – Controls the feedback of the reverse reverb.

Mode 2 – Controls the amount of octave-up delay repeats feeding into the reverb tank.

Mode 3 – Controls the amount of octave-down delay repeats feeding into the reverb tank.

Mode 4 – Controls the amount of octave-up added to reverse reverb, along with the reverse reverb feedback amount.

Mode 5 – Controls the amount of pitched delay repeats.

Mod (Modulation): Controls the amount of modulation applied to the wet signal.

Mix: Controls the amount of wet/dry mix.

Fully left = dry. Fully right = wet.

X: The X knob changes jobs depending on which mode is selected.

Mode 1 – Controls how reversed your delay trails are before being processed by the reverse reverb: left is least reversed, right is fully reversed.

Modes 2, 3, 4 – Controls the decay time of the reverb.

Mode 5 – Changes the order of the 4th, 5th, and octave intervals that the pitch delay steps through.

Time: Controls the delay time of the repeats for modes 1, 2, 3, and 5, and controls time stretching of the reverbs for Mode 4.

Tone: Shapes the overall tone of the wet signal. With this synth-style low-pass filter, you can explore different tone options.

At minimum, this closes the filter entirely, only letting through lower frequencies.

At max, this opens the filter, letting through the full range of your signal's frequencies.



Tweak Button: Selects which of the five parameters the Tweak knob adjusts.

Width: Adjusts the amount of sonic width applied to the left and right wet outputs.

Mod Rate: Rate of modulation LFO from 0.1 Hz to 5 Hz.

Mod Shape: Selection between Sine, Square, and Random modulation LFO shapes.

Shift: Target sample rate of the Dive / Rise effect from 0.5x to 2x.

Ramp: Ramp rate of the Dive / Rise feature from 1x sample rate to Shift rate and back from 50ms to 5000ms.

Mode Button: Selects from the five available modes.

Mode 1: Reverse Delay into Reverse Reverb.

Mode 2: Reverse Delay into Octave-Up Reverb.

Mode 3: Reverse Delay into Octave-Down Reverb.

Mode 4: Reverse Reverb into Forward Reverb.

Mode 5: Pitch Delay into Pitch Delay.

See pages 5-6 for full program descriptions.



Tap Tempo: Tap to control the time knob parameters:

Modes 1, 2, 3: Controls the delay time of the repeats.

Mode 4: Controls reverb time stretching, creating a larger or smaller space.

Mode 5: Controls the delay time of the repeats.

The tap LED will blink with the tapped tempo, or the tempo set by the Time knob.



Shift: Holding down the Tap/Shift switch will momentarily shift the clock rate of the pedal down or up and will hold it at that rate for as long as the switch is pressed.

NOTE: In Mode 4, the Time control affects the same time-stretching/sample-rate modulation process as the Shift control. If the Time and Shift Target controls are set to the same value, activating Shift will produce no audible effect because the sample rate will remain constant. To regain use of the Shift effect, simply set the Time and Shift Target controls to different values.

This interaction can also be used creatively to produce larger sample-rate jumps than are available in the other modes!

Trails: The Lore can run in Trails or No Trails mode. In Trails mode, when you turn the pedal off, the reverb / feedback decay dies off naturally. In No Trails mode, the decay is abruptly cut off when you turn the pedal off. The Lore ships with Trails mode on.

To toggle between either Trails modes:

1. Hold down the bypass switch while applying power to the pedal.
2. After approximately four seconds, the Tap/Shift LED will rapidly blink for 1 second, confirming you have changed Trails mode.
3. A rapid blue LED confirms you are in Trails mode. A rapid green LED confirms you are in No Trails mode.
4. Repeat the process to change modes again.



Presets: Lore has three on-board presets (Red, Green, Blue) plus a live mode (White LED).

Scroll through the presets by pressing both stomp switches at the same time. Each press of both stomp switches will load the next preset until you get back to red.

To save a preset:

- 1. Scroll to the preset color where you want to save a new sound.
- 2. Using the knobs and switches, dial in the desired reverb sound. The preset LED will turn purple, indicating the preset has been modified. The preset LED will go back to the preset color when you cross the current saved setting.
- 3. To save, hold down the Bypass and Tap/Shift switches until the preset LED blinks. The preset is now saved and the LED will return to the preset color.

Presets

RED



MODE - 1

Width - 2 o'clock
Shape - Random
Ramp - 12 o'clock
Rate - 9 o'clock
Shift - 11 o'clock

GREEN



MODE - 2

Width - Max
Shape - Square
Ramp - Min
Rate - 9 o'clock
Shift - Min

BLUE



MODE - 4

Width - Max
Shape - Sine
Ramp - 12 o'clock
Rate - 12 o'clock
Shift - 11 o'clock





Expression & External Tap

Any of the potentiometer controls can be assigned to the external expression input. Expression is assigned by holding the bypass switch and turning the knob you wish to assign. One control can be selected for expression at a time and the last knob turned during assignment will be selected. Expression for the Tweak controls will be assigned to the control selected by the Tweak button. Pressing the Tap/Shift switch during expression assignment will configure the expression jack as an external tap input instead of an expression input.

Expression settings are saved per preset and automatically recalled to their last value in live mode.

Note: Use a TRS cable for expression and a TS cable for external tap.

Modes

MODE 1: Reverse Delay Into Reverse Reverb

Mode 1 combines reverse delay with reverse reverb with a focus on organically interacting feedback paths. Space and ambiance build as the signal is reversed, re-reversed, reverberated, and reversed again within the feedback network.

Experiment with the X knob to control how reversed your delay trails are before being processed through the reverse reverb. Fully left being least reversed and right being fully reversed. Lots of fun with big, eerie minor chords!

MODE SPECIFIC CONTROLS -

Feedback: Controls the amount of delay repeats in the first feedback path.

Regen: Controls the feedback of the reverse reverb.

X: Controls how reversed your delay trails are before being processed by the reverse reverb: left is least reversed, right is fully reversed.

MODE 2: Reverse Delay into Octave-Up Reverb

A “light reverb” that combines octave-up harmonic feedback with an expansive, airy, reverb tank to create a breathy, spacious ambiance. Use the Regen knob to introduce a playful shimmer into the reverb decay. Increase the X knob to control the decay of the reverb. It sounds especially great with delicate fingerpicking parts.

MODE SPECIFIC CONTROLS -

Feedback: Controls the amount of delay repeats in the first feedback path.

Regen: Controls the amount of octave-up delay repeats feeding into the reverb tank.

X: Controls the decay time of the reverb.



MODE 3: Reverse Delay into Octave-Down Reverb

A “dark reverb” that combines octave-down harmonic feedback with heavy filtering and harmonic distortion to create a sound that is thick, rich, and murky. Use the Regen knob to bring a lower octave into the reverb decay. Increase the X knob to control the decay of the reverb. Add in some high gain or fuzz to alter the time-space continuum.

MODE SPECIFIC CONTROLS -

Feedback: Controls the amount of delay repeats.

Regen: Controls the amount of octave-down delay repeats feeding into the reverb tank.

X: Controls the decay time of the reverb.

Tap: Control delay time and size of the granular buffer (both set to tapped rate).

MODE 4: Reverse Reverb into Forward Reverb

A dual reverb program, featuring reverse reverb into forward reverb. Dual harmonic feedback paths allow the user to dial in octave-up, octave-down, and time-stretching parameters to control of the size and character of the space. Perfect for instantly transforming guitar into rich ambient pads. Use the Feedback knob to add a lower octave to the reverse reverb. Conversely, use the Regen knob to add an octave-up to the reverse reverb decay. Control the decay of the forward reverb with the X knob. To channel all things ambient, experiment with dynamic picking and strumming techniques with the mix fully wet for ethereal drones and pads.

MODE SPECIFIC CONTROLS -

Feedback: Controls the amount of octave-down added to reverse reverb along with the reverse reverb feedback amount.

Regen: Controls the amount of octave-up added to reverse reverb along with the reverse reverb feedback amount.

X: Controls the decay time of the reverb.

MODE 5: Pitch Delay into Pitch Delay

Mode 5 features two “dueling” pitch delays, which shift the input signal up and down in complementary or opposing directions, allowing the user to create intricate harmonic patterns in the feedback network. Behaves like a sequencer at higher delay times and like a harmonizer at lower delay times. Use Feedback and Regen knobs to control various amounts of pitched delay repeats. Use the X knob to change the order of the 4th, 5th, and octave intervals that the pitch delay steps through. Experiment with short staccato notes to create some very interesting rhythmic parts!

MODE SPECIFIC CONTROLS -

Feedback: Controls the amount of pitched delay repeats.

Regen: Controls the amount of pitched delay repeats.

X: Changes the order of the 4th, 5th, and octave intervals that the pitch delay steps through.





MIDI

MIDI Channel Assignment

To assign a MIDI channel, hold the Tap/Shift switch during power on. Both LEDs will blink white to show the pedal is in assignment mode. Once the LEDs are blinking, you may release the switch. Send a MIDI message to the pedal on the desired channel. The pedal will then resume booting with that MIDI channel assigned and saved.

MIDI Clock

MIDI clock controls the time parameter of the pedal, changing delay time from 100 ms-1000 ms in modes 1-3 and 5. In Mode 4, MIDI clock will also control the time parameter, adjusting sample rate stretch, allowing for creative warping of sample rate.

PARAMETER / MIDI CC # / VALUE RANGE / NOTES

Mode	9	0 - 4
Feedback	14	0 - 127
Regen	15	0 - 127
Mod	16	0 - 127
Mix	17	0 - 127
X	18	0 - 127
Time	19	0 - 127
Tone	20	0 - 127
Width	21	0 - 127
Mod Rate	22	0 - 127
Mod Shape	23	0 - 2
Shift -/+	24	0 - 127
Ramp	25	0 - 127
Expression Destination	27	0 - 12
Bypass	31	0 - 1
Enable Tap Tempo	85	0 - 127
Ignore MIDI Clock	89	0 - 127

- 0

Feedback
- 1

Regen
- 2

Mod
- 3

Mix
- 4

X
- 5

Time
- 6

Tone
- 7

Width
- 8

Mod Rate
- 9

Mod Shape
- 10

-/+ Shift
- 11

Shift Ramp
- 12

External Tap Assignment



Factory Reset: To perform a factory reset, hold down both footswitches while plugging in power to the pedal. Hold both switches until the Preset LED starts to flash, then release both switches. The pedal will now be in Trails mode with the three default presets loaded in the Red, Green, and Blue presets.

Specs

Original artwork illustrated by Niall Grant.

Buffered Bypass

Size Including Knobs: 3.93" x 4.70" x 2.30"

Input: 2 x 1/4" Unbalanced Input

Output: 2 x 1/4" Unbalanced Output

Input Impedance: 1 M Ohms

Output Impedance: 220 Ohms

MIDI Type: 1/8" TRS Type A

Wet Path Sample Rate: 32 kHz

Power Requirement: 9 VDC center-negative, 300 mA minimum.

The use of an isolated power supply is recommended for powering all Walrus Audio pedals. Daisy chain power supplies are not recommended.

Power supply not included.

Got questions or need a repair?

Email help@walrusaudio.com to talk with a real live human about your Walrus gear!

This product comes with a limited lifetime warranty.

[Click Here](#) for more info.

