

Reverse Mode C



REVERSE MODE C IS A FANTASTICAL MIX OF MOTION AND SPACE.

It's an echo composed of multiple distinct voices that move in different directions: forward, backward, and up - that you can blend, isolate, and sequence, all glued together by some very colorful modulation.

It was made in collaboration with Empress Effects and is a celebration of a very special mode found on the Empress Superdelay, released in 2008.

A KNOBS

TIME

Sets the master delay time.
Up to 4.19 seconds.

OFFSET

Separates the delay times of the 3 voices, adjusting their ratios to create different patterns and rhythmic relationships.

MIX

Controls the blend between your input signal and the effect.

BALANCE

Adjusts the volume of the 3 voices. The right half of the knob shifts their relative volumes for different mixes, and the left half of the knob lets you isolate and blend between the voices.

FEEDBACK

Sets the number of echoes.

FILTER

Adjusts a dual high-pass / low-pass filter; rotate clockwise to remove low frequencies, or counter-clockwise to remove highs.



B MODULATION

SYNCED / OFF / FREE

Engages the modulation, either synced to the delay time or moving freely.

VIB / TREM / FREQ

Selects the modulation type. Each one has an alternate, engaged via the MOD TYPE dip switch.



Vibrato
Chorus



Tremolo (square)
Tremolo (ramp down)



Frequency shifting (up)
Frequency shifting (down)

HIDDEN OPTIONS

DEPTH

Sets the intensity of the modulation.

RATE

Sets the speed of the modulation.

C SEQUENCE

RUN / OFF / ENV

Engages a sequencer that moves between the different voices. The sequencer can either run continuously - synced to the delay time - or be manually triggered by your input signal. Activating the sequencer introduces a bonus 4th voice to balance things out: reverse octave down.

HIDDEN OPTIONS

REST / SKIP

The sequencer is interactive with the **BALANCE** knob. This hidden option gives you two different choices for how the sequencer treats muted voices:

REST - Leaves moments of silence in the sequence.

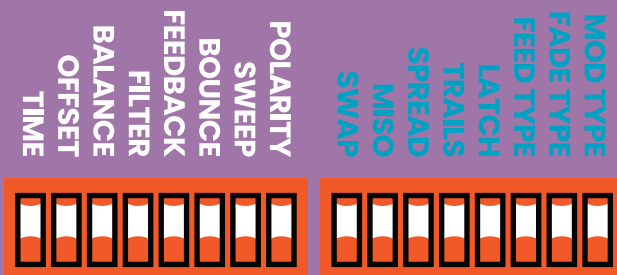
SKIP - Removes muted voices from the sequence.

D BYPASS / SAMPLE RATE

Tap to engage the pedal. Hold to cut the sample rate in half, for longer delay times and a mild lo-fi quality.

E TAP / LOOP

Tap to adjust the delay time. Hold to capture and repeat the current moment infinitely.



F CUSTOMIZE

You can use Reverse Mode C's various dip switches to tune the behavior to your liking:

SWAP

Lets you make **DEPTH** and **RATE** surface-level controls instead of hidden options - useful if you want more immediate control over the modulation. (When engaged, **OFFSET** and **BALANCE** will become the hidden options.)

MISO

Mono In, Stereo Out. Splits a mono input signal into a stereo output.

SPREAD

Hard pans the forward and reverse voices to create a spacious stereo image.

TRAILS

Echoes will fade out naturally when the pedal is bypassed, instead of abruptly disappearing.

LATCH

Changes the hold function for each footswitch from momentary to latching, so that it will remain engaged until the footswitch is held again.

FEED TYPE

Sets whether the octave effect is inside or outside of the feedback loop. This lets you choose between a steady amount of pitch shifting, or echoes that continuously ascend.

FADE TYPE

Controls how the sequencer moves from one step to the next - immediately, or in a smooth, gradual way.

MOD TYPE

Lets you engage a secondary flavor of modulation for each type (see modulation description for the specifics).