

INPUT/OUTPUT

Upper right is your Input and upper left is your Output.

EXP-IN

Plug in your Expression pedal here. We recommend a standard TRS connection. DO NOT use a CV source!!!

FX-LOOP

Lets you insert any pedal before the Delay and Reverb and will also affect the dry signal. You will need to obtain a separate Mono to TRS Stereo-Y- Splitter Cable - Ring for the output (send) and Tip for the input (return).

ENGAGE-FOOTSWITCH

Press the switch normally to turn the pedal on and off. When pedal is off, press and hold to engage the pedal momentarily. Release the switch and the pedal will turn off again. Press and hold the switch down when the pedal is engaged to max out the Reverb decay.

TAP-FOOTSWITCH

Tap to set the Delay time. Press at least three times to set the time. Press and hold the switch to max out the Delay repeats.

INTERNAL SPILL/TRAILS CUT DIP-SWITCH

Switch 1 - selects whether your signal is sent/not sent to the Reverb/Delay in Bypass (useful for creative uses such as big ambient drone pads etc.).

Switch 2 - activates hard bypass (ON) or activates the Reverb and Delay trails (OFF).

SAFETY INSTRUCTIONS

This device is intended to be used for sound processing of signals from musical instruments. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

OPERATING CONDITIONS

This device has been designed for indoor use only. To prevent damage, never expose the device to any liquid or moisture. Avoid direct sunlight, heavy dirt, and strong vibrations.

EXTERNAL POWER SUPPLY

Use only with 9V power supply. Failure to do so could result in damage to the device and possibly the user. Unplug the external power supply before electrical storms occur and when the device is unused for long periods of time to reduce the risk of electric shock or fire.

WARRANTY

We offer a 5-year warranty. The warranty expires immediately if the product is changed, operated incorrectly, intentionally or negligently damaged, or if it is damaged by force majeure or use beyond the permitted operating conditions.



GUITAR AND BASS EFFECT PEDALS
KMA AUDIO MACHINES

Handmade in Berlin with love!

 hello@kma-machines.com

WWW.KMA-MACHINES.COM

INSTRUCTION AND WARRANTY

CIRRUS

SPATIAL-TEMPORAL MODIFIER

- CLOUDS AHEAD -
A GUIDE TO REACH THE SKY

KMA
MACHINES

Floating above your head, delicate and elusive yet dreamy and sweeping. Always in motion until it dissolves and merges with the all immersive atmosphere around it. Just close your eyes and let the KMA Audio Machines' Cirrus Delay and Reverb carry you across the open sky, onto its sonic cloudscaapes.

Cirrus is KMA Audio Machines' first step into the fully digital realm and what we came up with is a truly special and versatile, dynamically modulated combined Delay and Reverb.

Made up of a Delay side and a Reverb side, both sides of Cirrus sport basic controls such as Time (up to 1.5 sec). Repeats for the Delay and Decay and Damp for the Reverb. Plus, each side has its own mix control as well.

Cirrus gives you three different Delay AND Reverb modes, which all sport a special dynamic feature that is controlled by your picking attack. To set the sensitivity of how the sound reacts, every section has its own sensitivity control.

The different Delay and Reverb modes cover different modulated areas. Modulated Delay Mode (MOD) fluctuates the Delay signal for a dynamic dancing tape echoinspired modulation. The Sample & Hold Mode (S/H) adds a sequencer-like filter in front of the Delay line, perfect for synthy textures. Play softly for subtle filter action or hit it hard for more pronounced electro-vibes. The third Delay Mode (OCT) blends in a high octave as your notes decay for unique shimmery dimensions, shining through like tiny stars in the cloudy night sky.

Over to the Reverb section, Modulated Reverb Mode (MOD) will decorate your trails with smooth movement, whereas the two other Modes deliver either an opening Low-pass Filter (LP) or a closing

High-pass Filter (HP). The harder you pick the more the Low-pass will open up. Contrary to that, the closing High-pass will cut your lower frequencies when picking harder.

Set the Order Toggle to “Reverb” to run the Delay into the Reverb or flip it to “Delay” to switch it the other way - either direction will give you worlds of inspired soundscapes. You even get another Toggle Switch to set the Delay Tap subdivision. Toggles are awesome!

Now, on to the footswitches - Tap-Tempo on the left (neat!) and the much-needed Bypass Switch on the right (classic!). Besides the standard latching mode, the Bypass Switch offers simple to use options. When the pedal is off, you can engage the pedal momentarily by holding the Switch down for sudden bursts of ambience. When the pedal is on though, holding down the Switch maxes out the Decay, jumping you into infinite reverb wonderland. You can also hold down the Tap-Tempo Switch to max out the repeats for infinite echoes. Plus, you can even hold down BOTH at the same time to enter an endless cascading dream state!

We've also equipped Cirrus with an Expression Pedal input (standard TRS connection) and a Selector Switch, giving you complete hands-free control over whatever key-parameter of Cirrus you want whereas the pot's position sets the minimum value of the EXP-Range. In addition, an internal switch can turn the Reverb and Delay trails on or off to taste. As the final piece of the tonal puzzle, we added a Serial FX-Loop, letting you put any pedal in front of the Delay/Reverb line, to further flavor your own signature sound.

Engage Cirrus and ride the atmospheric high clouds. But be aware - there's a big chance you'll get lost in its stunning beauty for hours when up there!

DELAY-SECTION CONTROLS

DELAY

Sets the mix of your dry and delayed signal. From fully dry counter-clockwise to fully wet clockwise and a 50/50 ratio at 12 o'clock.

TIME

Sets the Delay length. From a quick slap-back to long soaring echoes.

REPEATS

Sets the number of repeats. From a single echo to endless faux loops.

SENS

Defines the sensitivity for the envelope features on each Mode.
S/H: Depth and Rate of the Sample/Hold Filter
MOD: Modulation depth
OCT: Fade-in time of the Octave

MODE-SWITCH (top left):

Choose between a Modulated Delay (MOD), Sample/Hold Filtered Delay (S/H) or a fade-in Octave Delay (OCT).

TAP-DIVISION SWITCH

Choose between no division (1/1), a dotted eighth mode (1/8D) or a triplet mode (1/3).

REVERB-SECTION CONTROLS

REVERB

Sets the mix of your dry and reverb signal.

DECAY

Sets the decay of the reverb.

DAMP

Sets the high frequency response. Counter-clockwise for shiny reverberations or clockwise for dark and mysterious ambience.

SENS

Defines the sensitivity for the envelope features on each Mode.
HP: Sets the cut-off frequency of a closing High-Pass Filter.
MOD: Sets the modulation depth.
LP: Sets the cut-off frequency of an opening Low-Pass Filter.

MODE-SWITCH (top left):

Choose between a Modulated Reverb (MOD), an opening Low-Pass Filter (LP) or a closing High-Pass Filter (HP).

GLOBAL CONTROLS

ORDER-SWITCH

Select between two Delay and Reverb order Modes: RVB: Delay into Reverb or DLY: Reverb into Delay.

EXP-SWITCH

Sets which parameter will be controlled via an Expression-Pedal (follow the sun rays) - choose between TIME, REPEATS, SENS (DLY), SENS (RVB), DAMP or DECAY.