

ABLETON MAGIC RACKS



CREATIVE FX 3



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100%



4.05 ms



75



85

installation...

To install the **Ableton Magic Racks: Creative FX 3** racks, copy the files to the 'Audio Effect Rack' folder of your Ableton user library.

The exact location of your library will depend on where you chose to install it, but common locations are:

Windows 10: \Users\[username]\Documents\Ableton\User Library\Presets\Audio Effects\Audio Effect Rack

Mac OS: /Users/[username]/Music/Ableton/User Library/Presets/Audio Effects/Audio Effect Rack

For information on how to find your User Library, go here:

<https://help.ableton.com/hc/en-us/articles/209774085-The-User-Library>

Please note: The included racks **require** Ableton Live 9.7.7 Standard or Ableton Live 10.1 Standard (or higher).

from the creator...

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In this series of effects racks I wanted to make creative and sophisticated tools for experimental musicians and producers/composers.

Cryogenic was the first device I made for this series and I have used it countless times already for Theatre and Dance composition where I want to create something generatively and instantly in the room with interesting results.

I wanted to create effects that instead of just changing the characteristics of a sound, also create and aid compositional ideas which can be heard in the **Cryogenic** and **Feedback Machine** devices.

With these effects racks you can create ambient loops with **Cryogenic**, intense feedback with **Feedback Machine**, ambient delays with **Crystalise**, worn tape sounds with **Tape Machine** and modulate instruments or entire tracks with **Track Modulator**.

These devices are suitable for live and studio musicians/producers who need inspiring sounds and want to create in-

teresting and sophisticated sounds easily.

Apart from using each rack individually, we encourage users to apply them in return/send channels, load in all 5 racks at the same time or open them up, tweak parameters, change routings, swap in and out tools - so they fit your workflow seamlessly. As always, let experimentation and creativity be your guide towards new sounds.

Richard Smithson
Producer

Cryogenic

Frozen Soundscapes

Live 9



Reverb 1

A custom designed reverb. Warm and luscious.

Tone

Turn up to add brightness, turn down to darken.

Freeze 1

As soon as this knob passes 1 it is enabled and captures a grain of sound and turns it into a drone. Perfect for creating a backdrop to improvise or write to!

Crystal

Adds a +12 pitch delay after the Delay Looper and Delay Mod.

Delay Looper

A long delay that loops everything you play into it. When the knob passes 1, the device is enabled and increases the Dry/Wet. To wipe the loop return the knob to zero.

Reverb 2

A secondary reverb to effect everything before it, and also remedies the fact that Freeze 1 disables the wet signal of the reverb.

Delay Mod

Modulates the delay looper and anything you play through it. It works well by turning the knob as it modulates the time of the delay.

Freeze 2

As soon as this knob passes 1 it is enabled and captures a grain of everything before it. There is also a third reverb added here so that any new signal is still effected with reverb.

Producer Notes

This effect uses a granular freeze function to capture grains of sounds to create drones, perfect for soundscapes. There's also a loop delay which loops everything you play and a delay modulator which will effect everything before it. This device is great for generative composition or for live improvisation.

Live 10



Crystallise

Fragmented Textures

Live 9



Dry/Wet

A dry/wet control to perfectly blend the granular pitch delay with your sound.

Texture

Adds a white noise texture to the signal using a bespoke vocoder and distortion chain.

Feedback

Controls the feedback of the delay line.

Distance

Apply a custom filter to push the sound further back spatially.

Delay Time

Controls the time of the delay line, in 16th steps.

Shimmer

Uses several effects to create a washy vibrato. All the effects interplay off each other so experiment with creating different combinations!

Pitch

Controls the pitch of the pitch delay. Use this in denominations of 12 if you want to remain in harmony or use it creatively and create dissonance.

Spray

Add rhythmic stereo delay and feedback to your sound with a triple delay chain.

Producer Notes

Crystallise is based around a granular pitch delay, with some additional flavours that can go from beautiful to dark very quickly. Try setting the **Pitch** to 7 for some interesting results!

Live 10



Feedback Machine

Ambient Playground

Live 9



Dry/Wet

Controls the Delay amount and also the intensity of the Feedback when the Feedback knob is enabled.

Vocoder

Adds a monophonic pitch that tracks the notes you play.

Spray

Controls the delay time in milliseconds which creates an interesting modulating effect. This works well when it is moved when a signal is passing through it.

Pitch

Controls the **Vocoder** pitch. You can create some interesting sounds with these.

Feedback

Controls the amount of feedback that is generated. Think about how a microphone would work moving it closer to a speaker!

Filter

Adds a low pass filter to the signal which is great if you need to control any harsh frequencies.

Decimate

Add destructive harmonics to the delay line.

Output

A necessity when using this plugin. The feedback can get quiet loud!

Producer Notes

Feedback Machine is an effect that uses delay feedback to create ambient drones or intense walls of sounds. Great for filling out a track or in breakdown and build up sections.

Live 10



Tape Machine

Warmth, Wow, Flutter

Live 9



Live 10



Noise

Adds a crackle and hiss effect.

Wow

Adds a slow pitch modulation, emulating the effect heard on worn tape or vinyl.

Decimate

Adds subtle texture which can help add interest to instruments, or on a higher setting creates harsher distortion tones which can be used creatively.

Flutter

Adds a fast pitch modulation emulating the effect heard on worn tape or vinyl.

Drive

Uses saturation and EQ to create a warm to harsh driven tape effect.

Dropouts

Adds volume drop-outs, emulating the effect heard on worn tape or vinyl.

Compression

Accentuates the transients and adds sustain. Works well in conjunction with the saturation for realistic analog warmth.

Tone

Uses a bandpass filter, emulating the sound of low quality tape.

Producer Notes

Create old worn tape and vinyl effect with **Tape Machine**, a smörgåsbord of lo-fi effects to add age to any sound.



Track Modulator

Transitional FX

Filter Swell

This parameter introduces a filter LFO that gradually speeds up as you turn it up.

Haze

Uses grain delay, reverb and a frequency shifter to send everything into a psychedelic haze!

Distort

Uses overdrive, bit crusher and saturation. This works great in conjunction with other controls.

Delay Build

Uses ping pong delays, filter delays and reverb to send tracks into a wash of delay and reverb.

Filter Sweep

Uses a filter, reverb, saturation and overdrive. This is perfect for build-ups before drops.

Air

Creates a suspenseful airy wash.

Wobble

Uses autopan and phaser to create a subtle or intense stereo wobble. Perfect for effecting individual sounds or whole tracks.

Earth

Creates earthy, phasey textures.

Producer Notes

The **Track Modulator** device is perfect for live use when you need to create interesting transitions or spot FX, or to effect individual instruments in a compositional setting.

Live 9



Live 10





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100%



4.05 ms



75



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