ERS EchORek2 Analog Delay Plugin by DDMF

Manual

Thank you for using this fine piece of digital audio equipment! To get the most out of it, we recommend to quickly have a look at this manual.

Introduction: This plugin has been originally developed by Harrie Munnik (EmptyRoomSystems), with initial help by DDMF. When Harrie stopped working on audio software, DDMF took over the distribution and further development of the ERS line. The "ERS EchORek2" plug-in has been developed to sound like the Binson Echorec2 delay with enhanced controls. This delay has been used on thousands of recordings worldwide. In this manual you will find information on the history of the Echorec, the history of this plug-in, the list of specifications, and information how to install it on your DAW.

Installation: simply run the installer and select the plugin format(s) you want to use. If you are on Windows, and have chosen to install the plugin in VST(2) format, you will need to specify your VST plugin directory (twice, even, if you are using both the 32 and the 64 bit version). All other formats will be automatically installed in the correct, system-wide default directories.

How to use EchORek2:

The plug-in is a rebuild of the famous delay from the 60-ties and 70-ties. The hardware version is known of the sound signature, made with a rotating disc. The disc has one recording head and four playback heads. The speed of the rotating disk cannot be changed and has a maximum delay time of around 300 ms. There are different combinations of the four heads possible, that combined with the length knob can give complex textures. The lengtht of the repeats and

swell are controllable. The HF compression, distortion, wow and flutter of the original unit where modelled using a golden unit from "Studio the Church".

On the user interface, you find the following controls:

- Input gain, this knob controls the input volume of the plug-in. A higher level increases the distortion and compression.
- Volume, this knob controls the volume of the delayed signal.
- Tone control, this knob controls the tone of the delayed signal.
- Selection, this knob controls the 3 different modes. In the first position there is only one repeat added to the signal, the second position it adds the feedback to the signal as well and the third position created more complex reverb like repeats.
- Delay selector, This knob controls the delays that are added to the signal. The first selection has the shortest delay time (75 ms), the second one (150 ms), the third one (225 ms) and the fourth has the full 300 ms delay time. 5 to 12 have more complex combinations of the 4 delays.
- Three channel selector. These knobs control additional effects that are not available in the original delay. Knob 1 and 3 add stereo (crossing) modes. The first knob crosses head 1st and 3rd to the opposite channel and the third knob crosses the 2nd and 4th head. The second knob doubles the delaytime, to create deeper sounds.
- In the lower row, you find options to adjust the timing of the delay (which would correspond to the rotation speed in the hardware). You can set the internal beats per minute to either a standard value of BPM = 100 ("classic"), you can use the host BPM, or you can select your own desired BPM manually. Furthermore, you can also adjust the fraction of the beat that is used as the time basis.
- In the middle there is a VU-like level indicator.

Presets

Combined with the package is a set of presets. Depending on the DAW host you can change between the different available presets.

System requirements

The DimD plugin is available in VST, VST3, AAX and AU (Mac only) format. It needs a host/DAW that supports at least one of those formats to be operated. DimD comes as a 32 and a 64 bit Intel binary on both Mac and Windows, and as a 64 bit Apple Silicon binary for compatible Apple computers. DimD should work with Windows 7 and higher, and with OSX >= 10.7.

For support/questions/remarks please contact support@ddmf.eu!