DeeLay Plus

HoRNet DeeLay Plus is an advanced digital delay that can be used to create space, moving sounds and also weird effects. The core of the plugin are two separate delay units (called for convenience left and right) that can be routed to the left or the right channel independently, also the feedback of each unit can be cross-fed to the other one.
The standard delay controls like feedback and delay time are provided and can be linked together for quicker use, you can also sync the delay time to the host tempo.

DeeLay Plus gives you instant visual feedback thanks to the top waveform display that shows the input and output levels, those levels are also shown in the handy small peak meters next to the input and output knob so that you always have a meter close to your eyes when it matters.

HoRNet DeeLay Plus gives you many modulation and sound manipulation options, the feedback path can be filtered with a 6dB/oct low pass filter and a 6dB/oct high pass filter, followed by a distortion unit that goes from "clean" to "completely crushed" sound. Setting the feedback to 100% sends each delay unit int a "continuous loop" mode where the output sound never stops even if the input goes silent, entering this mode gives you weird and noisy sounds or looping hypnotic ones.

To make things more interesting we gave DeeLay Plus two LFO (Low Frequency Oscillators) that go from 0.1Hz to 10Hz. Each of the LFO provides four different waveform (sine, triangle, sawtooth and square) and each of the LFO can be routed simultaneously both to time and feedback level of each of the delay lines, it sounds complicated but in the end it means that you can modulate both time (creating pitch variations) and feedback (creating time variation) for each of the delay modules. Two LFOs means that complex waveform can be made as a modulation source and this in turn makes your moving sound more interesting.

DeeLay Plus also has a character of its own thanks to the Analog to Digital converter emulation that can be set to emulate converters from 24 bit to 8 bit for cheap 80s sounds.

Input and output sections
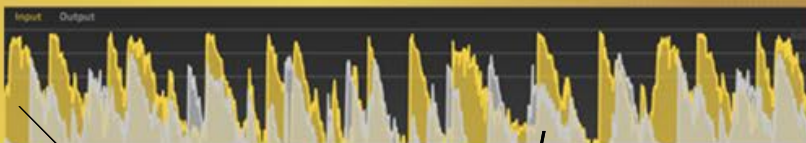
The yellow graph displays the input signal
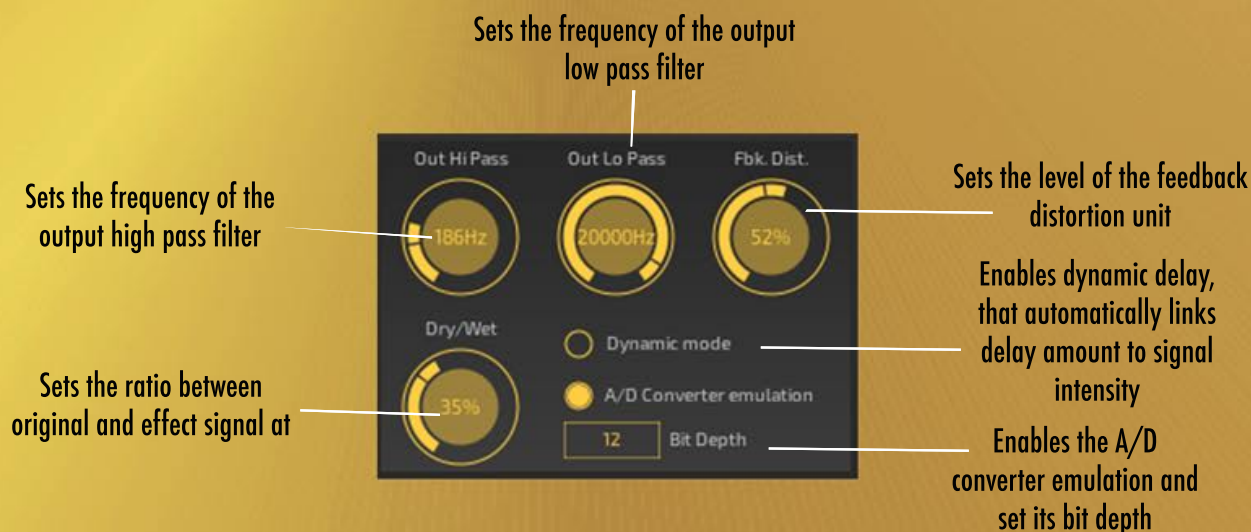
The white graph displays the output signal

Sets the input level from -30 to +6 dB

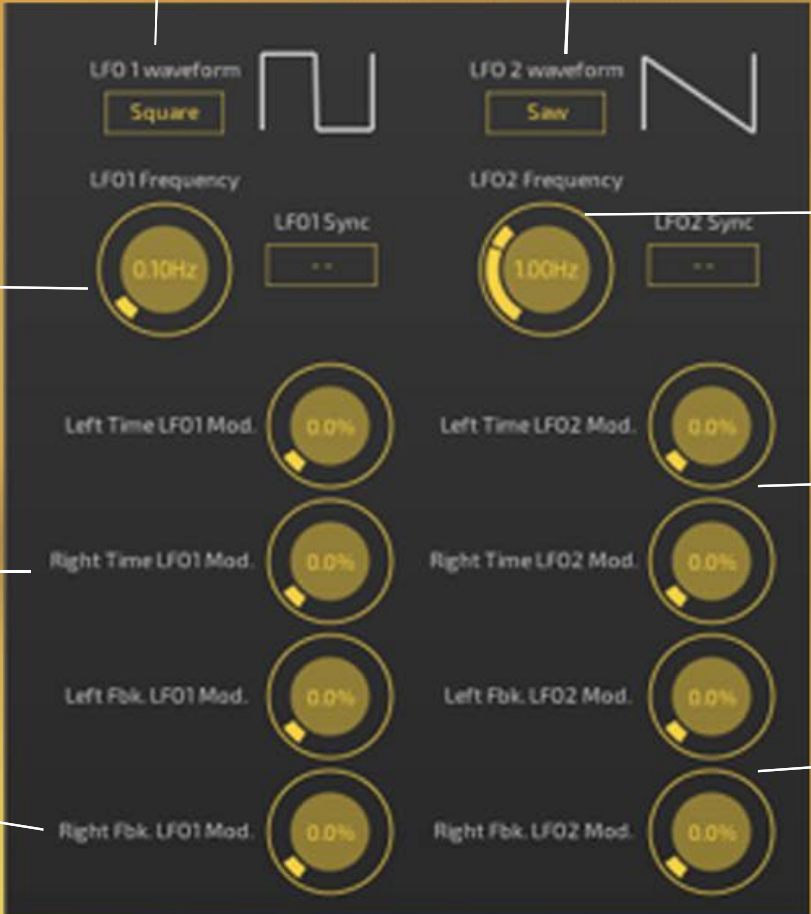Sets the output level from -30 to +6 dB

![HORNET PLUGINS logo]

Delay section

Sets the left delay time

Sets the left delay sync amount in number of 16th

Sets the left feedback amount

Sends part of the feedback signal to the other delay unit

Sets the panning of the first delay

Left Time

Left Sync

Left Feedback

Left feedback pan

Left delay pan

500ms

--

13%

100%

100%

○ Link Time

● Link Feedback

Sets the right delay time

500ms

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13%

-100%

-100%

Right Time

Right Sync

Right Feedback

Right feedback pan

Right delay pan

Sets the panning of the second delay

Sets the right delay sync amount in number of 16th

Sets the left feedback amount

Sends part of the feedback signal to the other delay unit

Feedback and controls section

Sets the frequency of the output low pass filter

Out Hi Pass

Out Lo Pass

Fbk. Dist.

186Hz

20000Hz

52%

Sets the frequency of the output high pass filter

Sets the level of the feedback distortion unit

Dry/Wet

○ Dynamic mode

● A/D Converter emulation

12 Bit Depth

35%

Sets the ratio between original and effect signal at

Enables dynamic delay, that automatically links delay amount to signal intensity

Enables the A/D converter emulation and set its bit depth

Modulation section

Sets and display the LFO1 waveform

Sets and display the LFO2 waveform

LFO 1 waveform

Square

LFO 2 waveform

Saw

LFO1 Frequency

LFO2 Frequency

Sets the LFO1 frequency, optionally you can sync it to the host tempo

LFO1 Sync

0.10Hz

LFO2 Sync

1.00Hz

Sets the LFO2 frequency, optionally you can sync it to the host tempo

Left Time LFO1 Mod.

0.0%

Left Time LFO2 Mod.

0.0%

These two knobs set the amount of time modulation by LFO2 on each delay unit

These two knobs set the amount of time modulation by LFO1 on each delay unit

Right Time LFO1 Mod.

0.0%

Right Time LFO2 Mod.

0.0%

Left Fbk. LFO1 Mod.

0.0%

Left Fbk. LFO2 Mod.

0.0%

These two knobs set the amount of feedback modulation by LFO1 on each delay unit

Right Fbk. LFO1 Mod.

0.0%

Right Fbk. LFO2 Mod.

0.0%

These two knobs set the amount of feedback modulation by LFO2 on each delay unit