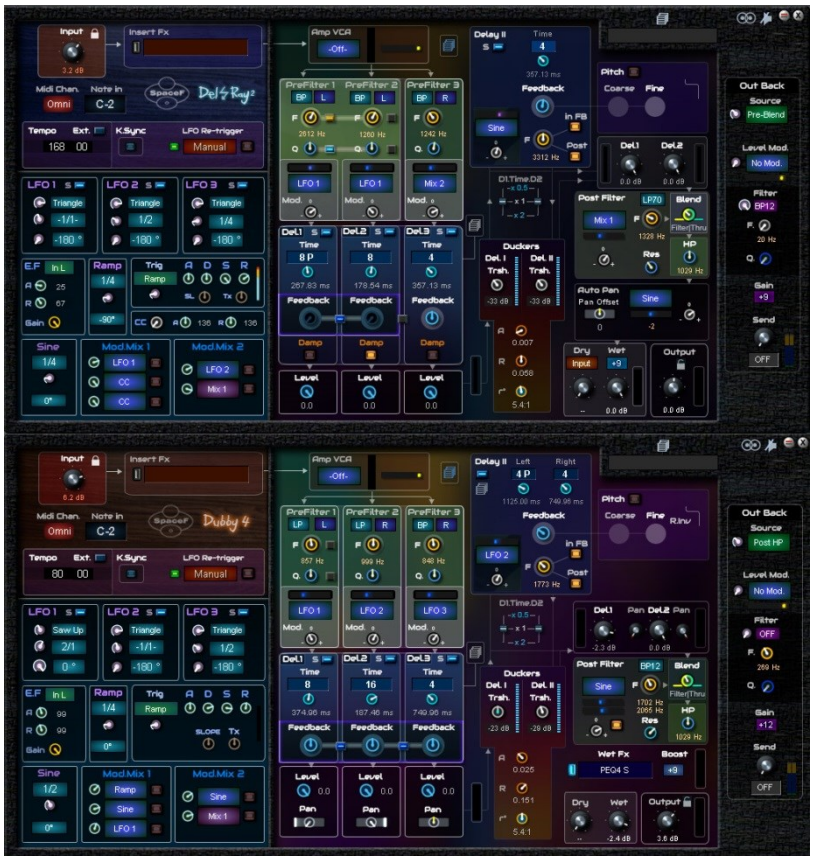
DUBBY 4

DEL RAY 2

OUTBACK UPDATE

May 2024



What is "Outback"?

"Outback" refers to the "sound on sound" technique, which involves sending the delayed sound back into its inputs. While you can already achieve this by using a small mixer to blend dry and wet sounds before the delays, "Outback" simplifies the process and offers more options.

With "Outback," you can use other sources besides the device's final output, such as pre-filter, Delay II, or other internal sources typically inaccessible. The design focuses on simplicity and relevance, thus excluding insert FX to avoid unnecessary complexity and potential sound issues like saturation and muddiness.

Outback is sent back after the "AMP VCA", just before the 3 filters. Therefore, it is never affected by the inoput gain, the input insert FX, or the input VCA modulation.

Outback is stereo: Dubby 4 is fully stereo, and so the Outback is necessarily stereo too. Even in Del-Ray, it can use the "Post Pan" sound which is stereo (while other sources are mono, but on two channels).

Presets

Both devices can import presets of the previous versions, and vice-versa. The new parameters will be either ignored or deactivated (e.g., send volume to OFF).

The sub-preset lists for "delay times" are the same as the previous version, and have not been renamed.

Usage

To make the most of "Outback," consider assigning a hardware MIDI controller potentiometer to the "send" parameter, or using a temporary button switch. You can also set the "Send" to its maximum position and modulate the "Level Mod" with LFOs or envelopes. The filter allows you to fine-tune the sound, with the high-pass filter (HP) being a good default choice, and the bandpass filter helping you isolate the best frequency band for your mix.

Check next page for a description of the Outback parameters.

Source: Each device offers four sources. For example, Del-Ray 2 can select Delay 1, while Dubby 4 is limited to Delay 2. The first two menu options are generally the most useful, while the others provide additional choices that may or may not suit your needs.

Level Mod: Automate the volume using various modulators. ADSR is particularly adaptable, allowing control over attack, sustain, and release times. If you plan to use the "send" function manually with a MIDI controller, choose the "No Mod." option.

Filter: The filter can only be modulated manually. This decision simplifies editing and keeps the internal circuit simpler, considering the numerous modulated filters of the Delays, which will also modulate the Outback.

Gain: 0 to +12 dB in 3dB increments. At maximum, "Send" provides +12dB. Most sounds need an additional +3 to +6 dB boost from the "Gain" control. Using +9 to +12 dB might cause quick saturation but can be beneficial in some scenarios.
Send: is the parameter that controls the amount of outback send back to the input.

Other additions in Del-Ray 2 and Dubby 4

Some parameters tooltip have been modified or corrected.

The device position and show state of the panel are restored in projects and screen sets.

A “No midi CC” preset is added in the “Midi Controller” preset list.

Note: assigning a midi controller to the show/hide button of the device panel will be restored in projects, but not in presets. This seems to be a normal behavior in Scope, because the show/hide button state should not be stored in presets.

That’s all folks!

Have fun.

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