Tone2 Electra 3.5

Tone2 Audio has released an update for their multilayer-synthesizer-workstation Electra. The update to v3.5 is a major update and is free for anyone who bought Electra 3. It is downward compatible with previous versions. Existing song projects and patches can be loaded without any further steps necessary. They will benefit from the enhanced sound-quality.

Electra 3.5 offers the following new features:

4 additional INSERT FX Slots:

- Each of the 4 layers has an additional insert effect slot. Here you can pick from from 64 different effect types.

20 additional MATRIX slots:

- Each of the 4 layers now has 5 additional modulation matrix slots. They can be accessed by clicking on the '11-15' button.

9 New Filter Types:

- LP MS-20: A screaming lowpass filter with self-oscillation. It sounds analog and uses 0-delay technology.
- Phaser 2x: Analog 4-stage phaser with negative feedback.
- Phaser 3x: Analog 6-stage phaser with positive feedback.

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- Phaser 4x: Analog 8-stage phaser with negative feedback.
- Phaser 5x: Analog 10-stage phaser with positive feedback.
- Formant 1x: Analog formant filter with soft saturation.
- Formant 2x: Analog formant filter with two peaks and soft saturation.
- Formant 3x: Analog formant filter with three peaks and soft saturation.
- Formant 4x: Analog formant filter with four peaks and soft saturation.

Enhanced sound:

- Major and minor chords sound better with the microtuning mode 'Fat tune clean'.
- Enhanced sound of the Reverbs Hall and Room. They have a smoother rolloff, less phasing, more detail and more depth.
- Enhanced sound of the Reverbs Infinity, Cathedral and Big. They have a smoother rolloff, less phasing, higher precision and more depth.
- Enhanced sound of the Reverbs Glass, Plate and Cold. They have a smoother rolloff, less phasing, more detail and more depth.
- Enhanced sound of Delay. It has a nicer stereo field and better default values.
- Enhanced sound of Delay Band. It has a nicer stereo field.
- Enhanced sound of Delay Diffuse. It has a nicer stereo field.
- Phychoacoustic processing is now calculated with 64 bit precision.
- The equalizer is now calculated with 64 bit precision.
- The enhanced FFT precision results in more accurate resampling of waveforms.
- COPY->Stack unison sounds more in-tune.

New Features for the GUI:

- A small target icon is shown next to the ENVELOPE and LFO which can be used for drag & drop.
- It is now possible to change the LFO speed by clicking on the frequency display.
- More easy layering of sounds:
- It is now possible to copy and paste layers among different synth instances.
- 'FILE->Load patch to synth layer' now opens the patch browser where you can comfortably stack a patch.
- 'PASTE->Load a patch to current layer' opens the patch browser where you can comfortably stack a patch.

Enhancements for the GUI:

- The skins for the ZOOM levels 66% and 100% are sharper.
- The animations of displays and other GUI elements are smoother. They are twice as fast.
- More precise graphics for the box shadows.
- The BROWSER button is wider and is not longer called BROWS.

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- The menu entries in COPY and PASTE have been reworked to be more straightforward.
- Initializing a layer or patch sets the current envelope and matrix tab to the first one.
- Enabling a layer with the ON button automatically selects the layer for editing.
- When using drag & drop the correctly linked matrix page is always shown automatically.
- Loop-points are hidden if no sample is used.
- More detailed descriptions for some tooltips.
- LFO frequency is shown more precisely.
- It is not longer possible to freeze the synth by importing gigantic wave files as waveforms.
- Many small enhancements.

Further enhancements:

- Workaround for crappy DAWs that return garbage vales as bpm-rate or song-position.
- Better default values for the 'init' patch.

Fixes:

- Fixed a typo in 'OSC23 FM'.
- 'LP Butter' and some fractal filters could emit a tiny click under very special conditions.
- Removed a tiny DC offset that could occur with Delay Wide if LOW CUT is set to exactly 0.

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