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Digitakt OS 1.04 Release Information

Elektron Music Machines

July 20, 2017

How to upgrade:

Upgrading from within the OS

- Select SYSTEM in the SETTINGS menu, and then select OS UPGRADE.
- Send the SysEx firmware file to the Digitakt either using the MIDI In Port or the USB MIDI In Port.

When the update is done the unit will restart by itself.

After some OS upgrades the bootstrap is also upgraded. This operation must not be aborted, so *never turn the power off until the Digitakt tells you to reboot*.

Upgrading from the Early Startup Menu

- Hold down the **[FUNCTION]** button while powering on. This takes you to the Digitakt boot menu.
- Enter the OS UPGRADE mode by pressing the **[TRIG 4]** key.
- Send the SysEx firmware file to the Digitakt using the MIDI In Port.

During the transfer a bar in the display shows the progress.

When the update is done the unit will restart by itself, booting the new OS.

After some upgrades the bootstrap is also upgraded, this upgrade is performed right after the first restart of the Digitakt, *do not turn the power off during the upgrade.*

To transfer the SysEx file, Elektron recommend using either Elektron Transfer application or The Elektron C6 Tool.

Downgrading the Digitakt OS is not supported, and is performed at own risk. User content may be lost.

Should you experience any problems or find any bugs, please report to Elektron support:
http://www.elektron.se/support

Enjoy!

The Elektron development team

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List of changes from OS 1.03 to 1.04

Changes

The grid record mode can now be toggled also while in Chromatic mode.

The chromatic keyboard now has an extended octave range when a MIDI track is active.

General performance optimizations. Time-consuming operations such as loading / saving samples and projects are now faster.

Bug fixes

The unit would sometimes crash when attempting to save the project via the Func + Save Proj key combination.

In some rare situations, the unit could crash while loading/deleting/moving samples.

Pattern / Bank selection could not be accessed when in Chromatic mode.

Playing the higest possible chromatic note (+24 semitones) on an audio track via MIDI would cause a hanging note.

If the MIDI Output CH setting was set to Trk Ch, the trig keys would incorrectly send notes to MIDI channel 1, regardless of the configured track channels.

If a sample was loaded to more than one slot, only the first slot would have the correct sample length.

List of changes from OS 1.02 to 1.03

Changes

Updated factory presets. In total there are now 32 patterns and 64 sounds. To install the factory presets you must perform a *Factory Reset*. **WARNING:** Factory reset overwrites Sound Bank A and Project 001.

Metronome can be disabled/enabled using Func+PTN long press.

Help text is shown when attempting to change a disabled MIDI parameter.

Help text is shown when switching mute modes.

The shortcut operations for saving/reloading patterns have been changed so they don't apply to the saved plus drive project. In order to save patterns to (or reload ditto from) the plus drive project you must now use the pattern menu. This means you can use the quick save/reload operations to work with the pattern in a way that's not destructive for the saved project. The operations will now also work for unsaved and write-protected projects.

New default MIDI settings for new projects: USB output is enabled and parameter output is set to CC.

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Active mute mode (global vs pattern) is now remembered, so that both the mute mode and the quick mute mode shows last visible mode instead of always defaulting to global mutes.

Write-protected samples are now marked with a padlock in the sample manager.

On/off switch-type trig parameters retain their names on screen when parameter locking. Were previously replaced by the text on or off.

Improved bank selection mode.

Bug fixes

Exception error when loading/deleting/moving samples.

FX Settings not remembered after reboot.

FX settings not applied correctly after pattern reload

Track levels not applied after pattern reload.

Having any MIDI track active causes internal tracks to ignore external MIDI notes.

Changing to a Pattern in a different Bank while playing displays incorrectly.

Pattern selection would go away before PTN button was released.

Project sub-menus not restored properly when toggling settings menu.

Not possible to edit or record trigs via USB MIDI auto channel.

Pattern paste and pattern reload wouldn't update tempo.

Clearing the trig page would incorrectly reset the note length.

Zooming on the recorder screen could cause big delays when saving the sample.

MIDI transport input ignored its designated setting, and would be received or not depending on whether clock input was enabled.

Applying minimum trim in the recorder screen would make the unit freeze.

Power cycling the unit would preserve the currently active global mutes, with one exception: if track 16 was muted, all tracks were unmuted after a power cycle.

Some messages in the sample manager would not be displayed.

It was not possible to clear MIDI note locks using trig key + play/clear.

Pressing TRK would not close pattern change mode.

Pattern selection mode would exit once a pattern had been selected, even though the PTN key was still being pressed.

Mute mode could not be opened when in step recording mode.

Pattern mute on MIDI Track would not engage until next pattern loop, or until the second run of a pattern when changing pattern while the sequencer is stopped.

The unit would hang very easily if there were any trigs on the MIDI tracks and if transport mode was changed quickly a few times in a row.

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List of changes from OS 1.01 to 1.02

Changes

Improved metronome menu.

Improved quantization menu.

Recorded sample trim is automatically reset after saving.

Added possibility to reset recorded sample trim using the NO key.

Reversed recorder zoom knob direction.

Added graphical representation of reverb shelving filter.

Added graphical representation of reverb and delay HP- and LP-filters.

Improved simulation of encoder detention.

Bug fixes

Last note in the external MIDI chromatic keyboard range was not playable.

The mapped drum octave on external MIDI was too wide, triggering not 8 audio tracks, but also incorrectly triggering the first 4 MIDI tracks.

External MIDI could not be used to enter notes into the sequencer.

Having any MIDI track active caused internal tracks to ignore external MIDI notes.

Unit would sometimes crash when synced to external MIDI clock.

MIDI Notes were not cleared from trig when removing trig.

MIDI Note2..4 were not included in copy/paste trigs, nor when rotating a track, nor with scale page copy/paste/clear.

It was not possible to record chords into the MIDI sequencer via Chromatic Mode or external MIDI when live recording.

List of changes from OS 1.00 to 1.01

Changes

Empty kit is initialized with eight default drum samples.

Graphical amplitude envelope added to amp page.

Graphical filter envelope and filter response plot added to filter page.

Graphical MIDI note keyboard added to the MIDI trig page.

The export sound operation no longer prompts for which track sound to use. It just uses the currently active track.

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Func+yes can be used to preview sounds (using the active track) in the sound browser.

Bug fixes

Sample file association was not saved with sound, unless the slot parameter was updated after the sample was loaded.

Sample loop position parameter had the wrong upper limit. Corrected to 120.

Sound tag editor responded very slowly to input and did not use full screen.

LFO trig flag was not enabled by default in new project.

The clear kit option in the pattern menu would actually clear the sequence.

No note-off was sent for infinite length MIDI notes when pressing stop.

Entering MIDI notes outside of the valid range (0...127) using offsets would result in undefined behavior.

Showing all the parameter values of pages delay, reverb, and master by pressing and holding func+page key did not work.