

KRONOS 61/73/88
KRONOS X 61/73/88

System Version 3.0.2

November 29, 2014

Changes Since KRONOS System Version 2.1.2

New features

KRONOS system version 3.0.2 includes a number of new features, as listed below. Please refer to the updated PDF manuals for more information.

SGX-2

The updates to the SGX-1 are so significant that we thought it deserved an updated name as well—hence, the SGX-2. First, the SGX-2 now includes modeled String Resonance, for an even more realistic playing experience (older sounds will need to be edited manually to enable this feature). Under-the-hood changes also enable powerful new Piano Types with up to 12 velocity zones and dedicated Una Corda samples—such as those of the EXs17 Berlin D Piano.

Touch-drag gestural input

Throughout the KRONOS, you can now simply touch your finger to a parameter and drag on the display to change its value. This applies to all knobs, sliders, drawbars, and numeric parameters. You can also touch and drag to create and delete connections on the MS-20EX and MOD-7 patch panels.

Editing Programs from within a Combination or Song

You can now jump directly into the editing pages of a Program from within a Combination or Song—while still hearing all of the other Timbres or Tracks. Tweak a step sequencer pattern, for instance, or experiment with patch cables in the MS-20EX.

Vintage effects

The new Vintage effect category includes 12 effects based on the CX-3 and EP-1. Classics such as the Small Phase and Vox Wah, are now available as insert, master, and total effects.

Set List improvements

Set Lists now support different colors for each Slot, to make them easier to distinguish quickly. Slots can now also be transposed individually. You can make more room for comments by showing only 4 or 8 Slots at a time, or show 16 Slots so that you have the maximum number of sounds under your

fingertips. A new Comment Panel, accessible by touching the comment area and swiping downwards, temporarily dedicates the entire screen to the comment. You can also choose different font sizes for each Slot's comments, from small (to fit more text without scrolling) to ultra-large (for easy visibility).

Find

The new Find feature, accessed by a magnifying-glass shaped button in most selection dialogs, lets you search for Programs, Combinations, and other data by name.

Meters

On-screen meters now show audio levels for Program Oscillators (on the Control Surface page), Combination Timbres, Song Tracks, insert effects, and the main output.

Improved scale support

A new Global parameter, **Osc/Timbre/Track Transpose**, determines how the Program Oscillator, Combination Timbre, and Song Track Transpose parameters interact with the Scale and Key.

Load Required Samples

If a Program, Combination, or Song uses EXs, User Sample Bank, or Sampling Mode data which is not currently loaded, the **Samples Not Loaded** message appears at the top of the display. You can now use the **Load required samples** command to load all of the required samples in a single step.

USB alphanumeric keyboard support

Anywhere that you can enter text, you can now use a connected USB alphanumeric keyboard as an alternative to the touch-screen keyboard. A keyboard with the standard US "IBM PC" QWERTY layout is recommended.

Other improvements

Program banks I-A...F may now be configured as either HD-1 or EXi.

Note: KRONOS System Version 3.0.2 provides nearly all of the features of the new KRONOS, except for the updated sounds and sample libraries. These updated sounds and libraries, including the EXs17 Berlin D Piano, EXs18 Korg EXs Collections, and new Programs and Combinations, are expected to be made available for owners of previous KRONOS models in late January 2015 (price TBD).

Other improvements and bug fixes

In addition to the new features, KRONOS system version 3.0.2 includes the following functional improvements and bug fixes.

General

Improvements

In the Category/Program Select window, redundant GM Drum Programs were displayed. This has now been fixed.

Bug fixes

In the Category/Program Select window, the GM variation bank programs were not displayed. This has now been fixed.

In the Auto Power-Off warning message, the **Change Setting...** button did not open the **Auto Power-Off Setting** dialog. This has now been fixed.

In HD-1 Program and Global Wave Sequence edit pages, in rare cases, EXs Multisample Lists might have displayed incorrectly. This has now been fixed.

MIDI

Bug fixes

When playing on an external MIDI device and switching the **Convert Position** parameter in Global mode, stuck notes might have occurred. This has now been fixed.

Stuck notes might have occurred on external MIDI devices if a new Combination was selected or the mode was changed while notes were being held, depending on specific Combination parameter settings. This has now been fixed.

When Control Surface was in EXTERNAL mode, Knobs and Sliders might have sent redundant MIDI CC values. This has now been fixed.

Transmitting and receiving User Drum Track Pattern data via the **Dump Drum Track Pattern** command did not update the Drum Track Pattern Names. This has now been fixed.

As with most other KRONOS parameters, the settings on the Global Special Function Assign page transmit and receive MIDI System Exclusive parameter change messages. If these settings were changed by spinning the data entry knob very quickly, the resulting SysEx transmission might not have matched the actual values. This has now been fixed.

KARMA

Bug fixes

When the **Initialize KARMA Module** command was used, the gray-out conditions of some KARMA parameters may not have been reset correctly. This has now been fixed.

In Custom Note Maps, the Octave Replication option did not work correctly after Combination or mode changes. This has now been fixed.

In Sequencer mode, the per-Scene **Drum Track On** parameters were not set correctly by the **Initialize Song** and **Copy KARMA Module** commands. This has now been fixed.

Set List mode

Bug fixes

When loading individual Set Lists from inside of a PCG file, the Global mode's **Set List Memory Protect** setting would become invalid. This has now been fixed.

When using the **Auto Song Setup** function from a Set List Slot, depending on operation order, selecting a Slot might jump into Program or Combination modes. This has now been fixed.

Program mode

Bug fixes

In the Control Surface - Osc Mixer page, controller reset via the RESET CONTROLS button might have functioned incorrectly. This has now been fixed.

In Double Drums Programs, Tone Adjust edits to Osc 2's Drum Kit selection could not be stored by Write Program. This has now been fixed.

Combination mode

Bug fixes

In Combination and Sequencer modes, the **Copy Drum Track** command had copied all Drum Track-related parameters. Now, only Drum Track pattern-related parameters will be copied; Drum Track Input/Output MIDI Channels are not changed.

Sequencer mode

Improvements

The **Auto Song Setup** function's handling of Combination sounds including KARMA phrases has been improved.

The operations of the CONTROL ASSIGN and MIXER KNOBS buttons may now be recorded into sequencer tracks.

When copying a Program to a Song using the **Auto Song Setup** function, the CONTROL ASSIGN setting is now copied to the Song.

Bug fixes

In rare cases, editing Program Banks and numbers in the MIDI Event Edit dialog might have caused an operational error. This has now been fixed.

When copying a Program to a Song by the **Auto Song Setup** function, the LED status of the SW1/2 buttons might have been incorrect. This has now been fixed.

Importing Region/WAV function in the Region Edit dialog had not worked for WAV files inside an .SNG file. This has now been fixed.

Sampling mode

Bug fixes

When using the **Convert MS To Program** command with the **Use Destination Program Parameters** option, the sound might not have matched the settings shown on the display. This has now been fixed.

After using the **Auto Sampling Setup** command with the **Auto Resample through IFX** option, an incorrect Sample might have been played during the auto resample operation. This has now been fixed.

When editing the parameters on the Audio CD page, in rare cases an operational error may have occurred. This has now been fixed.

The automatic naming of the **Copy MS** command truncated the new Multisample number was truncated when being appended to the new

The **Copy MS** command appends the Multisample number to the new Multisample's name, but only three of the four digits were included. This has now been fixed.

In Program, Combination and Sequencer modes, when resampling sounds to create a new Program via **Auto Sampling Setup** command, the resulting Program may have inadvertently included effects settings from Sampling mode. This has now been fixed.

Global mode

Bug fixes

On the KSC Auto-Load page, the memory usage and OVER!!! displays might have been incorrect, depending on the **Load Method** setting. This has now been fixed.

When entering the Global mode Drum Kit pages from an EXi Program, Tone Adjust had functioned incorrectly. This has now been fixed, so that Tone Adjust will work as per the HD-1's default settings.

Disk mode

Improvements

Directory/file path lengths may now be up to 255 characters.

Bug fixes

Loading a UserBank.KSC file with the **Clear All** option did not work correctly. (This occurred only in system version 2.1.2, and not in any previous versions.) This has now been fixed.

In rare cases, the **Check Medium** command might have caused an operational error. This has now been fixed.

In rare cases, if data was loaded with the Load PCG dialog's **.PCG Contents To:** set to Bank I-G, an operational error might have occurred. This has now been fixed.

When using CD-RW disks with some CD drives, the Audio CD page's **Write to CD** command might have functioned incorrectly. This has now been fixed.

When using the **Load PCG (RAM) and Samples** command with the **Load ROM-Program in Combi/Song too** option, an irregular HD-1 and EXi mixed Program Bank might have been created, causing an unstable condition. This has now been fixed.