

## Pa800 Operating System ver. 2.02

Pa800 Operating System version 2.02 improves some sounds and fixes some bugs.

Improvements	
Lyrics	With some Standard MIDI File formats, Lyrics were not always shown correctly.
Bug fixes	
Easy Mode	The “Sequencer 2” label was shown instead of “Sequencer 1”.
Media Mode	Loading Performance data from Pa3X could damage the internal data.

## Pa800 Operating System ver. 2.01

Pa800 Operating System version 2.01 improves some sounds and fixes some bugs.

**Note: After installing this new Operating System, please also load the new Musical Resources (2.0.1). This is mandatory with this OS version.** If the User area contains custom data, please save them to a storage device (by using a Save > All operation) before loading the new resources.

Improvements	
Musical Resources	Some DNC Sounds have been modified to also work in Mono mode.
Bug fixes	
Various Modes	TXT files with the same name of a Standard MIDI File, or TXT files linked to a Standard MIDI File-based SongBook entry, were sometimes not loaded when selecting the referring Song.
Style Play Mode	The focus on the Tempo field was lost when selecting a different tab in the main page.
SongBook	When saving a SongBook entry over itself, with the “Write Current Resource” option checked, the Key parameter was reset.
	Loading a Song-based entry with some particular Keys, and the Italian language selected in Global > Interface, could cause a crash.
Sound Mode	Drum Kits created on a Pa80 (using only Factory Drum samples), and never saved with a Pa1X, Pa2X or Pa800 (in this way, making a file format conversion), could cause problems when loaded on Pa2X/Pa800 OS 2.0.
Musical Resources	The Performance “Jimmi Org. DNC” and the STS “Organ DNC” now have the Dry parameter turned on on the Upper 2 and Upper 3 tracks.

## Pa800 Operating System ver. 2.0

Pa800 Operating System version 2.0 adds new features, improves some functions, and fixes some bugs.

**Note: After installing this new Operating System, please also load the new Musical Resources (2.0). This is mandatory with this OS version.** If the User area contains custom data, please save them to a storage device (by using a Save > All operation) before loading the new resources.

New features	
Various Modes	Four Quarter Tone SubScale (SC) Presets
	Quarter Tone SubScale functions assignable to the switches and footswitch
	Search window
	On-the-fly TXT loading possible, when no lyrics data is contained in the Standard MIDI File or linked to a SongBook entry
Style Play Mode	Lyrics page added
Style Record Mode	Channel After Touch can be recorded
	New Cue modes for Fills and Variations
	Expression leveling
	Import/Export SMF Separated by Markers
Song Play Mode	Score View pages
SongBook Mode	Score View pages
Sequencer Mode	Key Signature event can be edited
Sound Mode	Defined Nuance Control (DNC) parameters
	DNC functions assignable to the joystick, switches and footswitch
Global Mode	Scale page modified
	New Locks added
	Balance slider can be programmed as the Acc/Seq-RT Volume control
	Pedal/Footswitch Calibration page revised to add some calibration functions
	The MP3 Player can be output from the Sub Outs 1 and 2
	Write Quarter Tone SC Preset command added
Musical Resources	New Styles
	New Performances based on DNC Sounds
	New DNC Sounds

Improvements	
Various Modes	A new polyphony algorithm improves the overall performance with a sophisticated real time control, which also takes psychoacoustic parameters into account. Even with denser arrangements, it is less likely you will hear cut notes now.
	“Lyrics & Marker” is now “Lyrics / Score”
	Zoomed slider and Tempo display do not appear in the Lyrics/Score page.
	Context-sensitive Write Global
Chord Recognition	Chord abbreviations are now easier to read, by following the standard suggested by “Standardized Chord Symbol Notation (A Uniform System for the Music Profession)” by C. Roemer and C. Brandt.
Bug fixes	
Sampling	Exporting a multisample as a .KMP file resulted in the Loop and Reverse parameters not being read correctly by the Triton
Media	When erasing a single Style from a .SET file on a storage device, it was also deleted from the internal memory (SSD-S)

## Pa800 Operating System ver. 1.60

Pa800 Operating System version 1.60 adds a new feature, improves some features and fixes some bugs.

**Note: After installing this new Operating System, please also load the new Musical Resources (1.60). This is mandatory with this OS version.** If the User area contains custom data, please save them to a storage device (by using a Save > All operation) before loading the new resources.

New features	
Sound Edit > DrumKit > Sample Setup	The Reverse option is now editable on RAM Drum Samples. This function is immediately available to new samples (i.e., those created with OS version 1.60). To make it available to existing samples, you must first convert them to the new format, by using a simple procedure. Load the .SET folder containing the old samples. Go to Sampling mode. From the Record page, choose the existing sample to convert. Without any editing, choose from the page menu the Write command, and save the sample over itself. In case the sample is stereo, please don't forget to convert both the L(ef) and R(ight) side of the sample.
Voice Processor > Setup	Low Cut control added. Cuts away pops and rumble below the selected frequency. Can be set to 60, 80 or 120 Hz.

Improvements	
Global > General Controls > Interface > Background Color	The names of background colors have now been changed to numbers.
Voice Processor	Better clipping handling on the audio input signal.
	Reduced noise floor when a microphone is connected to the AUDIO INPUT 1.
	Improved EQ musicality and clarity.
	Improved Voice Processor Presets and Global parameters. <b>Warning:</b> By loading the new Musical Resources, all custom presets will be deleted. Before upgrading, save them to a storage device, then, after having loaded the new Musical Resources, load them again one at a time into the available locations.
Bug fixes	
Musical Resources	The MoreMid Bass recalled a RAM Multisample.
	A few Drum Kits had wrong Exclusive Group numbers assigned.
Song Play > Preferences > Track Settings	Even with the Harmony Track set to one of the Sequencer's settings, harmony notes were still received from the keyboard. This only happened when the Harmony Mode parameter (in the Global > Voice Processor Preset > Harmony page) was set to Chord.
SongBook	When assigning a Song to Sequencer 2 from a SongBook entry, the Voice Processor Preset was changed even if locked (Global > General Controls > Lock page).
Global > Voice Processor Setup	The "DryOff" label was shown when the value of the Level parameter was turned to zero. This has been removed (no DryOff condition exists in Pa800).
Global > Voice Processor Preset	After using a footswitch or an EC5 switch to turn the Delay effect off, it could not be used to turn the Delay effect on again.
Sound Edit, Style Record, Media Load and Erase	Sometimes, Styles, Pads and Performances could not be overwritten or deleted.
Sampling	Under certain situations, after a series of Import, Load and Slice operations, the Pa800 was no longer able to boot up.