



NINA v1.1.1

Fixes & Improvements:

General

- Fixed issue with Store Demo Mode affecting calibration and updates.
- Added ability to ignore MIDI Echo from DAWs.
 - Access via the menu SYSTEM -> GLOBAL SETTINGS -> MIDI Echo Filter.
 - Note that the default is "Echo Filter" to ignore echo.
 - Additionally, the option "Filter All" will ignore all MIDI control messages.
- Added ability to enable/disable locking to external MIDI clock in.
 - Access via the menu SYSTEM -> GLOBAL SETTINGS -> Midi Clock In
- Added System Bank Management functionality.
 - Access via the menu SYSTEM -> BANK/PRESET MANAGEMENT.
 - Functions are Import Bank, Export Bank, Add New Bank and Clear Bank (delete all presets from a bank)
- Added System Wavetable Management functionality.
 - Access via the menu SYSTEM -> Wavetable Management
 - Functions are import wavetables, export wavetables and delete unused wavetables.
- Fixed keyboard notes hanging when the start note is changed.
- At power on, Nina will re-load the multi-timbral Layer setup last loaded.
Additionally, if there were different Presets loaded into any layers, those Presets will be loaded after the Layer setup is loaded.
This will return the unit to the previous setup as quickly as possible after power on.
- Fixed issue with Mix VCA calibration in some circumstances.

Layers

- Allow setting of Layer MIDI low/high note via an external keyboard.
 - Press or hold EDIT and play a note on the keyboard to set it.
- Fixed problem with Common Layer parameter settings not shown correctly when changing Layers.
- Fixed some layer issues reported by users, with certain sequences of operation.
- Fixed MIDI channel selection on Layers filter not working for some combinations.
- Fixed problems with MIDI automation of Morph on the non-active layer



Firmware Release Notes

Sequencer/Arpeggiator

- Allow use of built-in KBD to program the Sequencer.
 - Press KBD to alternate between showing keyboard and sequencer steps.
- Arpeggiator on/off enhancements.
 - Press ARP quickly to turn the arpeggiator on and off
 - Hold ARP down for more than 0.5 seconds to bring up the arpeggiator menu without turning the arpeggiator on or off.
- Fixed occasional problem with sequencer Number Of Steps parameter after recording a new sequence.
- Fixed occasional problem where sequencer LEDs can get stuck on when playing and adjusting the number of steps.
- Tempo options changed: 1/4 Note is the base tempo, not Whole note, and Triplet timing added.

Synthesis Operation

- Wavetables: Add the ability to do linear interpolation.
 - Interpolate menu option appears when wavetable settings (Pos/OSC 3 level) are accessed.
- Odd behaviour with max number of unison voices in certain configurations.
- Fixed: OSC 3 is now able to be used as a modulation source independently of its mix volume.
- Fixed problem with voices hanging when unassigned in certain sequences of operation.
- Spin Amount range corrected to be -100 to 100.
- Fixed problem with aftertouch modulation range.

Instructions for Firmware Upgrade:

A Firmware Upgrade will not cause you to lose any Presets. However, it is highly recommended that you do a full backup before upgrading.

NINA Backup procedure:

1. With NINA running normally, insert a USB Flash drive into either USB-A port.
 - The drive must be formatted FAT32.
2. Go to the SYSTEM Menu, choose BACKUP.
3. NINA will display “Running backup script”, and then “Backup Script Completed. Eject USB Drive”.
 - If NINA displays “Backup Script Failed” then there was a problem such as a full drive, not FAT32 format or some other issue. Try again with a different USB flash drive.
4. Press OK to eject the USB flash drive, and remove from NINA.
5. Copy the files “patches_backup_NNNN.zip” and “calibration_SSSSSS.zip” from the USB Flash drive onto a safe place using a computer. *Note NNNN is a sequence of numbers, and SSSS is the serial number of your NINA.*



Firmware Release Notes

Firmware Upgrade procedure:

1. Download the file "nina-firmware-1.1.0.swu"
2. Copy the file onto a USB Flash Drive.
 - The drive must be formatted FAT32.

IMPORTANT: ENSURE STORE DEMO MODE IS DISABLED/OFF

Navigate to SYSTEM > STORE DEMO MODE > Off

Failure to disable Store Demo Mode may cause incomplete update

3. Power off NINA.
4. Insert the USB Flash Drive into either of the USB-A ports on the back panel of NINA.
5. Power on NINA.
6. NINA will boot, and shortly after the startup Knob calibration, will display "Updating Software to v1.10. Please wait" and a show spinning hourglass icon.
 - This will take a few minutes NINA will display "Update to V1.1.0 Done. Reboot NINA?".
 - Press REBOOT.
7. NINA will reboot. (Note that NINA will delete the firmware file from the drive)
8. Shortly after reboot, NINA will display "Running Calibration. Please wait (long process)".
 - Note: This will take around 8 minutes. Please do not turn off NINA until it is finished.
 - This calibration only needs to run once. If you power off before it is finished it will start again the next time you power on.
9. NINA will display "Calibration Complete. Reboot NINA?".
 - Press REBOOT again.
10. NINA is now ready to use.