



## Firmware Release Notes

28 May, 2025

## NINA Release Notes Beta Firmware 2.0b2, Multi-Track Sequencer Mode

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### New Features:

- Live note recording per track via MIDI
  - CLEAR NOTES function added for erasing note values per track.
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### Bug Fixes:

- Fixed a bug when sending a STOP message to NINA via external MIDI clock.
  - A/B button and MORPH knob displayed incorrect parameters and changed the sound, now fixed.
  - Fixed an issue where STEPS would deactivate after loading.
  - Fixed an issue where some patterns would not load after saving.
  - Arpeggiator (Arp) now working. Note: Arp is intentionally disabled in the Multi-Track Sequencer Mode. Arp will work when not using the Multi-Track Sequencer Mode.
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### Notes on Live Note Recording:

1. Enter **LIVE REC** mode by holding down the **REC** button followed by **RUN**. REC button should flash to indicate LIVE REC.
2. Play the external MIDI keyboard and note values will be recorded on the steps of the selected TRACK. Micro Timing and GATE lengths per step will reflect how the notes were performed during recording. Note: Ensure your external MIDI keyboard is set to the same MIDI channel on the selected TRACK in NINA.
3. Press REC to stop recording. Press REC again to see recorded steps.

To CLEAR NOTES, hold TRACK button and the soft key CLR NOTES will appear on screen.

**For more information** please refer to Keyboard Settings on page 11 of the Nina User Manual Supplement

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# Previous Release Notes

## Beta Firmware 2.Ob1 (May 2, 2025)

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### New Features:

- New Multi-Track Sequencer: 4-track (up to 64 steps per track), polyphonic, polymeter, per-step parameter locking sequencer.
  - 64 new noise types added, including percussion hits, digital, metal and assorted noise types, as one-shot and loops.
  - Effects parameters now addressable via MIDI CCs (please see notes below).
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### Bug Fixes:

- External tempo synchronization improvements.
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### Known Issues:

- Arpeggiator (Arp) not working.  
**Note:** Arp is intentionally disabled in Multi-Track Sequencer Mode.
  - Back button does not work in some menus.
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## READ ME: Beta Release Information

This beta firmware is offered for test and evaluation purposes only. Melbourne Instruments advise this beta firmware is in a testing phase and may contain bugs, errors, or instability. The user is responsible for any consequences arising from its use. Melbourne Instruments recommends backing up NINA before installing this beta. We welcome your feedback on this beta, please email: [nina@melbourneinstruments.com](mailto:nina@melbourneinstruments.com)

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### Assets:

Beta Firmware: <https://www.melbourneinstruments.com/support>

Manual Supplement: <https://www.melbourneinstruments.com/support>

PATTERN Banks: <https://www.melbourneinstruments.com/presets#patterns>

For more info on NINA's general operation please refer to the NINA User Manual here:  
[www.melbourneinstruments.com/support](https://www.melbourneinstruments.com/support)

# Previous Release Notes

## How to install the Beta Firmware:

1. Download the NINA firmware from here: [www.melbourneinstruments.com/support](http://www.melbourneinstruments.com/support) and copy the .swu file onto a FAT32 formatted USB flash drive.
2. Power off NINA, insert the flash drive one of the USB-A ports, and power on NINA. It will boot up to the Knob calibration stage and then read the ".swu" file.
3. After Reboot, NINA will start the update. This process can take up to 10 minutes. The hourglass symbol will spin to show you the unit is running.

**WARNING:** Do not power off while the update is running.

4. After the upgrade is finished, you will be asked to reboot. Press OK.  
The unit will then reboot with the new firmware loaded.

NOTE: To remove the beta firmware, reinstall NINA v1.4.1 firmware.  
Download firmware here: [www.melbourneinstruments.com/support](http://www.melbourneinstruments.com/support)

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## Import PATTERN Bank:

The new Multi-Track Sequencer Mode uses PATTERNS, whereby each PATTERN contains 4-TRACKS that relate to a Preset sound and all the sequence data therein. These are a great way to discover how the new Multi-Track Sequencer works. To install PATTERN Banks:

PATTERN Banks are stored as .zip files. The name of the pattern bank is in the file name (eg MYHOT\_PATTERN\_BANK\_.zip) and the patterns are .json files inside it. To import, insert a USB flash drive containing the .zip file you want:

1. Enter SYSTEM -> BANK/PRESET MANAGEMENT. In the new Multi-Trk Seq mode, press SEQ then SYSTEM soft-key.
2. choose Import Pattern Bank from the list shown
3. Choose the zip file you want to import and press the NEXT soft-key.
4. Choose the BANK where you want to import the PATTERNS and press the NEXT soft-key again.
5. You will then be asked if you want to Merge or Overwrite the existing files in the selected bank.
6. Press OVERWRITE soft-key to confirm.

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## Effects parameter MIDI CCs:

PARAMETER	MIDI CC
Chorus Level	44
Chorus Mode	45
Delay Level	46
Delay Time	47
Delay Time Sync	48
Delay Feedback	49
Delay Tone	50
Reverb Shimmer	51