Hi,

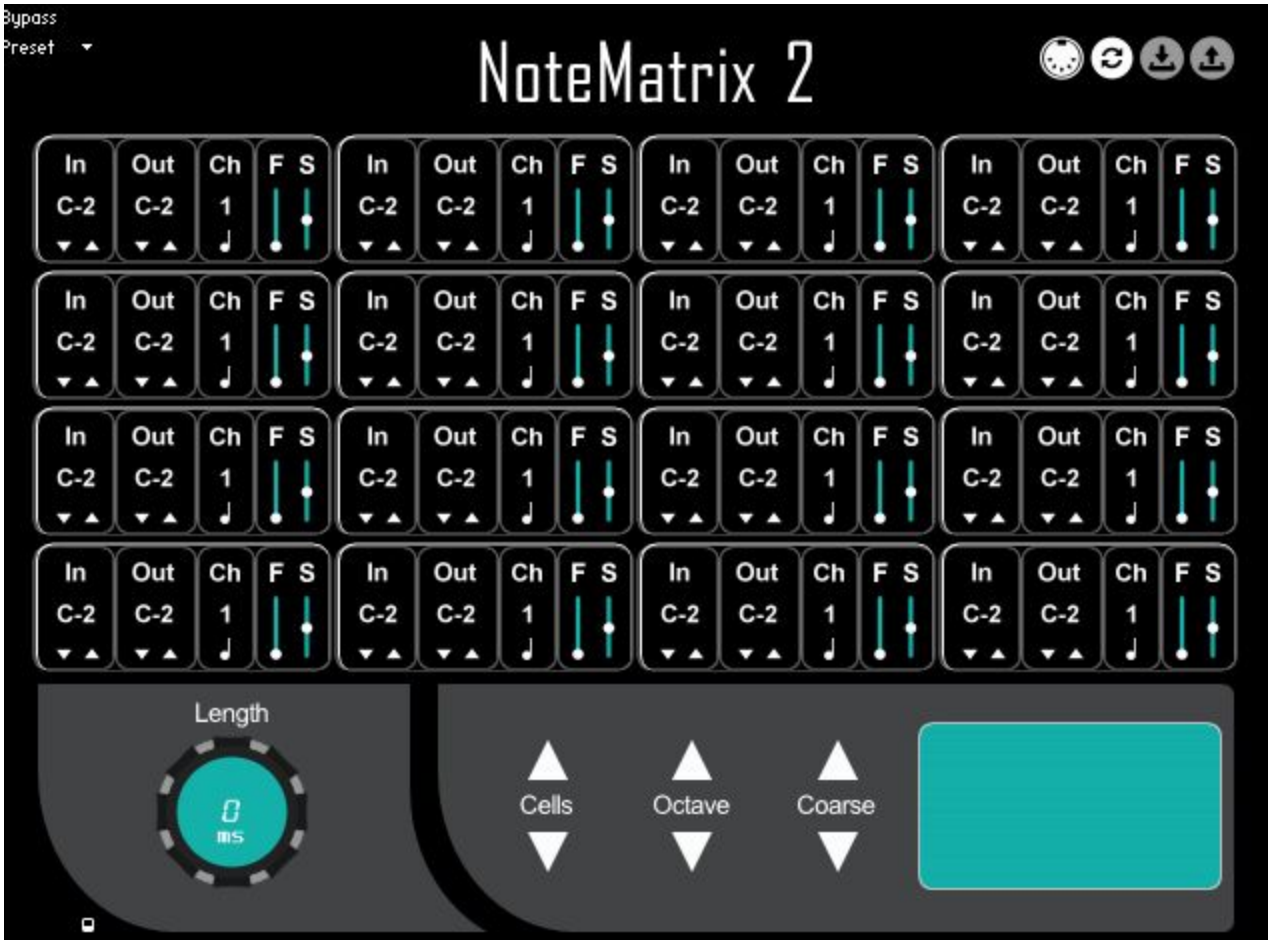
My name is Hagai Davidoff and I'm a Composer and Music Tech Educator from Israel. In recent years I've started programming my own software since I needed technical solutions that weren't available. NoteMatrix represents such a solution, and I'm highly excited to share it with you!

Thanks for buying NoteMatrix I'm sure you'll find it extremely valuable in your musical journey, be it on stage or in the studio.

- Follow HD Instrument on Facebook.
- For support issues and general communication please contact me at hdinstr@gmail.com.
- For additional tutorials and walkthroughs, visit and subscribe to HD Instruments YouTube Channel.

Sincerely,
Hagai Davidoff
HD Instruments CEO

Meet NoteMatrix!



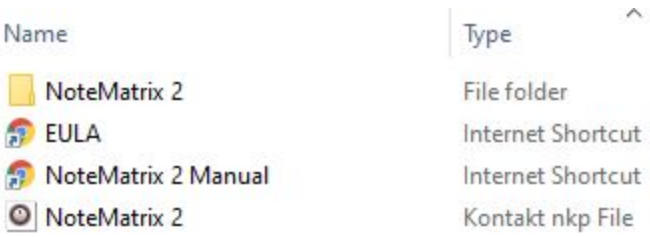
NoteMatrix is an elegant and sophisticated MIDI mapper for Kontakt/Kontakt player (Ver 5.8 and above) that grabs incoming MIDI notes from your MIDI hardware, and swaps them in real-time with other MIDI notes and channels of your choice. And the best part - the configuration is saved with the track so you won't have to map it ever again! Get instant access to your favorite sounds, mapped, as soon as you select a track in your DAW!

Main highlights

- Easy recallable MIDI mapping that matches your hardware and software quickly and painlessly.
- Eliminate all reliance on external Hardware MIDI editors/Drum maps/preset flipping.
- Eliminate the need to reprogram your MIDI hardware physically.
- Fixed/Shift velocity sliders for each Cell.
- Big clear MIDI monitor that tracks your MIDI data.
- Play melodic instruments on your Pad/Drum Controller using the Length Knob.

Installation

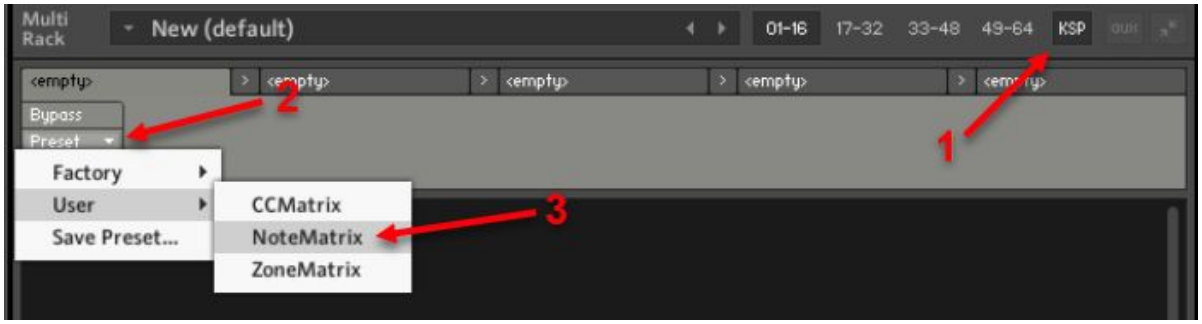
Once the download is completed, unzip “NoteMatrix.zip” file. The file structure should look like this:



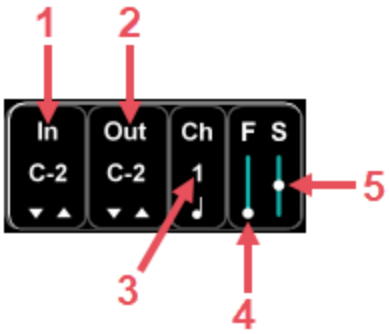
	PC	Mac
1	**Drag** the “NoteMatrix.nkp” file to: C:\Users\<username>\Documents\Native Instruments\Kontakt *\presets\Multiscripts	**Drag** the “NoteMatrix.nkp” file to: \Users\<username>\Documents\Native Instruments\Kontakt *\presets\Multiscripts
2	**Drag** the “NoteMatrix” folder to: C:\Users\<username>\Documents\Native Instruments\Kontakt *\pictures	**Drag** the “NoteMatrix” folder to: \Users\<username>\Documents\Native Instruments\Kontakt *\pictures

- If a “pictures” folder doesn’t exist, **create one**.
- If Kontakt was open during any of the previous stages, **restart it**.
- If you use several versions of Kontakt in tandem, repeat the installation process for each installed version.

Once installed, open Kontakt and load NoteMatrix:



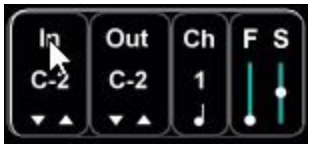
The Cell



1. In Note

Sets the Cell's trigger note.

- Push this button to turn on Learn Mode. Then, play a note on your MIDI hardware/Kontakt keyboard. The note will be grabbed and assigned as the Cell's trigger note:



  Alt+Click the In Button = Activates "Learn All Inputs Mode". In this mode, all following cells will be MIDI learned, one Cell per note. Turn off the Input Button to abort learning.

- You can manually Click & Drag the note display up/down to set a new value.
  - **Ctrl/Cmd+Click** = Reset back to default (C-2).
  - **Alt+Shift+Click** = Autofill all Cells with note values C-2-G-2.
  - **Shift & Drag** = Fine Tune.

- Clicking the up/down arrows will transpose the Note value a half step up/down. **Shift+Click** the up/down arrow keys = Transpose octave up/down.

2. Out Note

Sets the Cell's output note.

- Push this button to turn on Learn Mode. Then, play a note on your MIDI hardware/Kontakt keyboard. The note will be grabbed and assigned as the Cell's trigger note:

  Alt+Click the out Button = Activates "Learn All Outputs Mode". In this mode, all following cells will be MIDI learned, one Cell per note. Turn off the Input Button to abort learning.

- You can manually Click & Drag the note display up/down to set a new value.
  - **Ctrl/Cmd+Click** = Reset back to default (C-2).
  - **Shift & Drag** = Fine Tune.

- Clicking the up/down arrows will transpose the Note value a half step up/down.
  - **Shift+Click** the up/down arrow keys = Transpose octave up/down.

3. Channel Selector

Sets the Cell's MIDI channel.
Dial the channel that corresponds to the desired Kontakt instrument.

- Click & Drag the channel number up/down to set a value (0-16):

- **Ctrl/Cmd+Click** = Reset to default value (1).

4. Audition Button

Auditions the Cell's output Note. This is useful if you're searching for the desired note and channel but don't use a MIDI keyboard.

5. Fixed Velocity Slider

Sets a fixed velocity value for all of the Cell’s output notes.

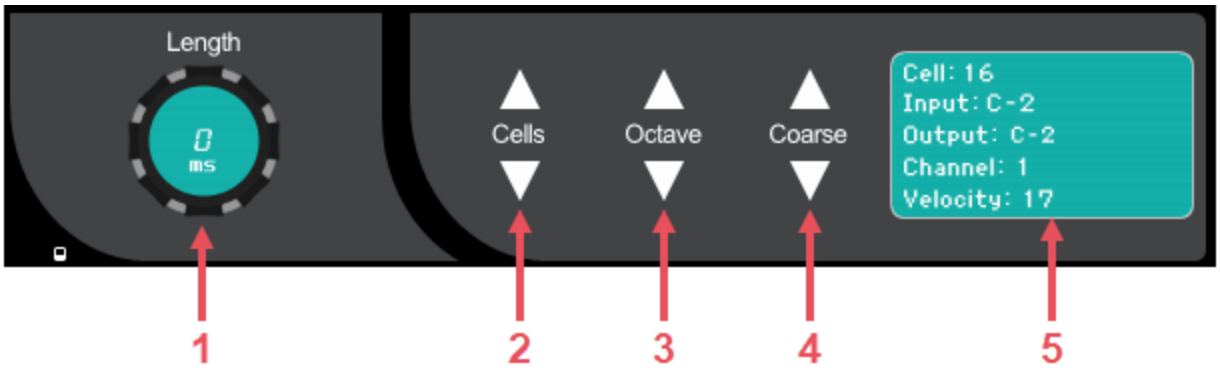
- Click & Drag up/down to set a value (0 - 127).
- **Shift & Drag** = Fine tune.
- **Ctrl/Cmd+Click** = Reset to default value (0 = Off).
- Setting a Fixed Velocity value will automatically reset the Shift Velocity value to 0 (Off).

6. Shift Velocity Slider

Shifts the velocity values for all of the Cell's output notes.

- Click & Drag up/down set a value (±127).
- **Shift & Drag** = Fine tune.
- **Ctrl/Cmd+Click** = Reset to default value (Off).
- Setting a Shift Velocity value will automatically reset the Fixed Velocity value to 0 (Off).

Lower Zone Functions



1. Length Knob

Some Pad Controllers and other alternative MIDI controllers (e.g AeroDrums), send MIDI notes with no length at all, which might be good for triggering drum sounds but useless for melodic applications. The Length Knob extends the output note length, allowing you to trigger melodic instruments.

- Click & Drag Up/Down to set a value (0 - 10,000ms). 0 = Off.
- **Shift & Drag** = Fine tune.
- **Ctrl/Cmd+Click** = Reset to default value (Off).

2. Cells Buttons

Sets the number of active cells. Click the up/down arrows to set a value that corresponds to the number of pads on your Pad Controller (1 - 16). This helps unclutter the user interface, keeping you focused on what you actually use.

3. Octave Buttons

These arrows transpose the output note values of all active cells, by an octave higher/lower. This allows you to quickly try new musical ideas and is extremely useful for melodic/harmonic applications.

4. Octave Buttons

These arrows transpose the output note values of all active cells, by semitones higher/lower. This allows you to quickly try new musical ideas and is extremely useful for melodic/harmonic applications.

5. MIDI Monitor

The MIDI Monitor reflects all NoteMatrix's MIDI activity.

Additional Upper Zone Functions

Panic

Resets all MIDI messages. Use it in case you encounter hanged MIDI notes.

Reset

Reset NoteMatrix back to default.

Save

Save current NoteMatrix state to a preset.

Load

Loads a previously saved NoteMatrix preset.

Version 2 new features

- New modern GUI
- Added a Fixed Velocity slider
- Added a Shift Velocity slider
- Enhanced MIDI Learn functionality.
- Added various new keyboard shortcuts.