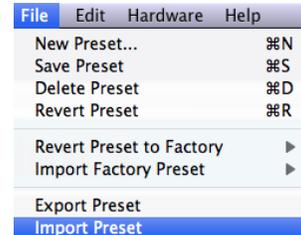


QuNexus for Elektron Monomachine

This package includes QuNexus presets and a Monomachine Kit meant for using QuNexus with the Monomachine's onboard synths. Polyphonic pressure and tilt from QuNexus are mapped to the modulation parameters normally controlled by the joystick on the discontinued Elektron Monomachine SFX-6 (the limited run of Monomachines made with an attached keyboard). QuNexus will let you control those joystick parameters without taking your fingers off the keys and it is far more portable and customizable.

Setting up QuNexus:

1. Install the QuNexus Editor on your computer:
www.keithmcmillen.com/QuNexus/downloads/
2. Open the QuNexus Editor.
3. Connect QuNexus to your computer.
4. Go to the Editor's File menu and select "Import Preset". Then navigate to the QuNexus Monomachine package folder called "QuNexus Presets", select one, then click Open and repeat for each included preset.
5. Send 4 of these presets one by one to each slot on your QuNexus by selecting one in the Library list and using the "Send A-D" buttons in the bottom right corner. QuNexus can store up to 4 presets at a time.
6. Select one of the 4 presets on your QuNexus. To do this tap the button labelled "Shift/Preset" and then tap one of the 4 Left Side buttons labelled "Togl A" (for Preset A), "Velo B" (Preset B), "Pres C" (Preset C), or "Tilt D" (Preset D). For more information see the "Selecting Presets" chapter of the QuNexus Full Manual, included in the documentation folder of the QuNexus Editor package.



Setting up the Monomachine:

1. Make sure that your MIDI Base Channel is still set to the factory default of channel 1. To check this setting, hold the "Function" button and then press the button labeled "Global". Press "Yes" to select the desired slot.



2. Select "Control", and within that select "MIDI Chanls".



3. The first setting "Base Channel" should display 01. The "Auto Track" channel at the bottom of this screen also must be set to its default of channel 09. You can adjust these using the arrow keys.



4. Once you exit, these settings will be remembered even after power-cycling the Monomachine so you only have to do this once.
5. Locate the "QuNexus Joystick Kit.syx" included in the QuNexus Monomachine package folder. The QuNexus presets for Monomachine can be used with any kit on the Monomachine but it is highly recommended that you try the included QuNexus Joystick Kit.
6. Load this kit onto your Monomachine by first going into the Global menu, under file, select "Sysex Recv". Then select "Spec" and enter the slot you'd like this kit to be transferred to. Hit the Enter/Yes button (the Monomachine will display the message "Waiting..."). See the Monomachine manual on page 94 under "Sysex Receive" for more information about this step.
7. Transmit the sysex file from your computer to your Monomachine. You can use the free application for Mac "Sysex Librarian" (which can be downloaded here: <http://www.snoize.com/SysExLibrarian/>). Drag the "QuNexus Joystick Kit.syx" file into the librarian, select the port connected to the Monomachine, and hit the play button.
8. Now go to the slot you selected on the Monomachine for this kit and it will display "QuNexus" and you can start playing! This kit will help you get started and give you an example to work with.

About each Preset:

MnM Joystick 1

QuNexus Keys	(what the SFX-6 Joystick did)	Monomachine Effect
Tilt Pressure	Left-Right Movement Up-Down Movement	Pitch Bend Modulation

All of the keys have velocity enabled, and they will play the currently selected track.

You can use the Assign page of the Monomachine "Kit" option to assign pitch bend to any other

Monomachine parameter. The JoyRL tab will correspond with the Tilt/Pitch Bend of the QuNexus keys. For information about how to adjust the assignments see the chapter of Monomachine user's manual about the Assign page (pages 37-39).

TIP: If you wish to only use one of these sources at a time, you can temporarily disable any of them by pressing on the blue Left Side Buttons on the QuNexus for about a second. To turn off Velocity, hold the "Velo B" button until its LED turns off. To turn off Pressure, hold the "Pres C" button until its LED turns off. To turn off Tilt, hold the "Tilt D" button until its LED turns off. To turn any of these back on, just hold the button again. If you still wish to use pitch bend without tilting the keys, the QuNexus bend pad on the far lower left also sends the same data.

MnM 6 Tracks 1

This preset is the same as the previous preset MnM Joystick 1, except that it allows you to modulate and play all 6 Monomachine tracks at once, rather than only the currently selected one. This allows you to have multi-timbral polyphony. Make sure you are not in Poly mode on the Monomachine (all 6 track lights should be lit.) To get in and out of Poly Mode, press the button labelled "Poly" while holding the "Function" button.

Now when you press a key, track 1 plays. If you hold that first key and then press a second key, track 2 plays as well. You can play all 6 tracks at once if you like.

Each track will receive its own pressure and tilt data from each individual key. That is because this preset uses Channel Rotation. For more information, see the Channel Rotation chapter of the QuNexus Full Manual.

MnM Joystick 2

This preset is the same as MnM Joystick 1, except it allows you to control the parameter assigned in the "JoyD" tab using pressure instead of the "JoyU" tab. This way you can quickly change between these presets on your QuNexus to get more options for expressiveness out of one sound.

You can still control the parameter defined in the "JoyRL" tab of the Assign page as well by using the QuNexus Bend Pad. All of the keys have velocity enabled, and they will play the currently selected track.

MnM 6 Tracks 2

This preset is the same as the previous preset MnM Joystick 2, except it also uses Channel Rotation to allow you to layer all 6 Monomachine tracks together. Each track will still receive its own pressure and tilt data from each individual key, only this time pressure will control the "JoyD" tab for each track.

MnM Joystick 3

This preset takes a slightly different approach to controlling the Joystick parameters. Instead of each key sending pressure and tilt data, only the top 2 keys on the QuNexus send this data. These keys do not send notes, they only act as controllers. This allows you to modulate notes only some of the time, without having to turn the sources off and on globally.

Pressure on high C controls CC 1, or the "JoyU" tab. Pressure on high B controls CC 2, which connects to the "JoyD" tab. Tilting the keys or using the Bend Pad will still control Pitch Bend in the "JoyRL" tab.

All the rest of the keys have velocity enabled, and they will play the currently selected track.

Another interesting thing to do particularly with this preset (though it works with any of these presets) is to hold the QuNexus "Togl A" button until its LED turns on. This enables Toggle mode. Now if you press a key once it will turn on, and if you press it a second time it will turn off. This leaves your hands free to modulate the joystick parameters while the note plays.

MnM 6 Tracks 3

This preset is the same as the previous preset MnM Joystick 3 except it also uses Channel Rotation to allow you to play all 6 Monomachine tracks together. The control keys will modulate whichever track is currently selected on your Monomachine.

Setting Up the Assign Page For Your Own Instruments/Kits

Whichever tab you are on in the Assign page, the "Add" knob is very important to set correctly. For example, if you are controlling filter cutoff and this knob is all the way up, chances are you won't hear any sound because the base frequency will be too high when you press on a key. To find a good value for this knob on your own kits, try the following steps:

1. Turn the "Add" knob to 0 at the center. Exit the Assign page.
2. Tilt a key downwards so that it is at its minimum value (or deactivate tilt and press on the key as lightly as you can if you are using pressure).
3. Listen to your synth and adjust the parameter you are trying to control until you find a desirable minimum value.
4. Enter the Assign page.
5. Tilt a key upwards so that it is all the way up (or press hard if you are using pressure).
6. Listen to the reaction of the synth parameter you are controlling and keep pressing while you turn the Add knob until you find a desirable maximum value. Now you can play with a musically expressive range.

Each of the Joystick tabs allow you to assign 2 control destinations. Just use the bottom set of knobs to set the second destination and adjust the "Add" knob.

You can also turn off the "Mirr" parameter on the "JoyRL" page if you want to control even more parameters. This opens up a second tab which allows you to treat pitchbend up and pitchbend down as separate controls. The tab labelled "JoyR" allows you to assign bend up, while the tab labelled "JoyL" allows you to assign bend down.

The "JoyRL" page only listens for pitch bend messages, which are sent using tilt on all the presets. All presets send this data when you use the Bend Pad. The "JoyU" tab listens to Midi CC 1, which is sent by pressure in the presets "MnM Joystick 1", "MnM 6Track 1", "MnM Joy1 NoPitch", and "MnM 6Trk1 NoPitch". The "JoyD" tab listens to Midi CC 2, which is sent by pressure in the presets "MnM Joystick 2", "MnM 6Track 2", "MnM Joy2 NoPitch", and "MnM 6Trk2 NoPitch". The presets "MnM Joystick 3", "MnM 6Track 3", "MnM Joy3 NoPitch", and "MnM 6Trk3 NoPitch" send CC1 for "JoyU" on high C, and CC2 for "JoyD" on high B, both using pressure.

For a final note, it is important to remember that you need to set up the Assign page for each of the 6 tracks. This allows you to customize control parameters separately for each instrument.