User Guide for Bitwig Studio

Configuration guide for Windows and macOS to use with our Editor & Librarian plug-ins
Intro

In this little Bitwig Studio User Guide you will find the instructions to get our plug-in to work with Bitwig Studio with ease. This is universal tutorial for all of our plug-in, but we are using our Roland JP-80x0 plug-in in this guide.

Checkout the plug-in user manual prior to this guide, so you have the knowledge to setup the plug-in properly.

Also, as we are not Bitwig Studio experts, we encourage you to read the Studio manual in order to fully understand your DAW.

We hope you have taken all the necessary precautions prior to using our product, like making a full backup of your synthesizer memory.

IMPORTANT!

Our company & plug-in has nothing to do with Bitwig company, so please don’t bug them if you encounter issues with the plug-in – open a support thread in our plug-in forums in such case: https://help.mysteryislands-music.comforums/.

Support and plug-in updates are free for life to anyone who has bought the license from our store.
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Bitwig Studio

Preferences

Open your DAW and enter Preferences. We will make sure that MIDI ports are disabled for those ports, where your synthesizer is connected at. This will ensure that your DAW won’t crash and we won’t be getting double data in to the DAW processing loop.

Click to Add Controller [1], set type to MIDI Keyboard [2] and choose Add [3].

Set MIDI input port [1] to JP-8000 vMIDI In [2] which we have created in our Setting MIDI Devices guide. macOS users can select the physical MIDI port instead.
Click Syncronization [1] tab and set MIDI clock to JP-8000 vMIDI Out [2] port if you wish to sync the synthesizer delay etc. to the DAW tempo clock. macOS users can set the physical MIDI port instead.

**NOTE #1:** You can check our support site for additional guides like Setting MIDI Devices to learn how we added JP-8000 vMIDI In and JP-8000 vMIDI Out ports in the DAW.
Insert the plug-in

Drag’n’drop the plug-in from the Devices Browser window to a instrument track.

Plug-in window will now appear.
MIDI IN / MIDI OUT

Now we can select the Physical MIDI input port which receives MIDI data from your synthesizer.

And then we choose the Physical MIDI Out port which sends data to the synthesizer MIDI input.
Plug-in will now attempt to establish connection with the synthesizer, so it might take some time if your settings are not right or if you chose a wrong MIDI port by mistake. You should see plug-in saying PROCESSING... somewhere in the plug-in interface and also ABORT PROCESS button will appear.

If all of the settings are correct, you will see “Plug-in is ready to go!” [1] message in the plug-in display.

If something is wrong with your settings, plug-in will say “No response from JP!” [1] and that indicates something is wrong with your synth settings, MIDI device or Bitwig Studio Preferences.

Once the connection is in, you should sync the data with your hardware. Usually this function can be ran from the patch librarian tab / page of the plug-in & “Sync Data From HW” button. Check the plug-in user manual to learn more.

We can now close the plug-in window and move on.

NOTE #1: Check troubleshooting from the plug-in, daw or synthesizer manual if you can not establish connection. You can also seek help from our support site if you can't find out what is causing error in your setup.
Assign MIDI tracks to Bitwig Studio arrangement

Now, in order to send MIDI notes to the synthesizer, we need to have MIDI tracks in the DAW.

Click the “+” icon in the track list window to show the menu.

Assign MIDI Out port [1] where your synthesizer is connected. If you use Windows and you’ve setup vMIDI Out port, choose that instead of physical MIDI port. See image below.

![Image of MIDI setup]

Rename the device to reflect your unit and add the channel id to it. Easier to spot it in the arrange later on. I’ve renamed my device to “JP-8000 ch1” which sends to my JP-8000 Lower layer.

![Image of renamed device]
Now I’m going to duplicate the track. Right click on the HW Instrument [1] and choose “Duplicate” [2].

Choose the MIDI out channel [1] to reflect the next part / layer in the hardware and rename [2] the devices to reflect the hardware setup. I will rename my device to “JP-8000 ch2”.

Now MIDI setup is done, and we can move on!

**Note #1**: If you have multitimbral setup / use with your synthesizer, which most can do, then add more MIDI tracks and point them to respected MIDI channels.
Automating Plug-in Parameters

Click the instrument channel and toggle on “Automation” [1]. See image below.

Now there is a new track below the instrument track indicating Filter Cutoff automation with lane on the arrangement I’ve drawn with the pencil tool.
**Note #1:** You can configure as many parameters as you wish. System Exclusive (SysEx) parameters and system buttons can not be automated.

**Note #2:** For some unknown reason, it is not yet possible to draw automation in any DAW when moving the knob from the hardware. It has to be done with the plug-in user interface.

Start drawing in OR move the knobs in the plug-in while recording to make automation! Before you start to pursue with MIDI blocks, read the next chapter!
Finishing it up!

Final step is to add Audio track, so we can hear the synthesizer in action. Click the Audio track in the arrangement window [1], rename to represent your hardware input [2]. Select appropriate Audio Inputs and turn on the track monitoring [3]. Remember to select the inputs where your synth Audio Output is connected!
Now you should hear the Audio from your synth while making some MIDI blocks and you have some sort of automation (if needed).

Note #1: You might have routed your Audio Output from the synth itself to external mixing desk or speakers, so make sure you power those units on. Otherwise there won’t be any sound because our plug-in does not transmit any audio data to the DAW.

That’s it for the Bitwig Studio user guide. We hope you find this useful.

You have some suggestions? Yes please!

We are always open for new suggestions and ideas regarding to our products. Send your suggestions to us because it will make our products better.

Head down to our forums (links below) and drop your idea in, we will have a look at it and let you know if it can be done.

Thank you.

Plug-in user manuals: https://help.mysteryislands-music.com/
Final Words

We would like to thank you all for your support prior to the development of this plug-in. We hope you will enjoy the advantages this plug-in brings to your everyday production workflow and we hope that you will purchase the full license to our plug-in from our own store.

Development of this plug-in has taken a lot time, including over 70 000 lines of deep C++ coding, thousands of cups of coffee and endless hours with the graphical user interface.

Coding: Jani Kervinen
Graphics: Jani Kervinen
Patches: Jani Kervinen
Manual: Jani Kervinen

More to come, stay safe and make some music!

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