

midi dispatch

midi thru box II

 erica synths



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Thank you for purchasing the Erica Synths MIDI DISPATCH!

The MIDI DISPATCH (MIDI dispatcher) is a successor to our first-ever desktop unit - the MIDI THRU BOX and it adds a lot of useful features to make it an easy-to-use, hands-on command center of your studio setup. In essence, it is an ultra-low latency splitter from one MIDI input to eight outputs with advanced MIDI filtering options. It allows for connecting up to eight instruments to your MIDI keyboard, sequencer and directly to your laptop via USB-C. You can configure each output separately allowing for high flexibility in any studio or live setting.

This is the power supply input, you can power it via a 9-12V, center-positive PSU which provides at least 0.1A. The MIDI Dispatch can also be powered from the USB-C input, so, if you use it with a computer, you do not need to connect this power supply

This is the DIN5 MIDI input, connect your main MIDI controller here

These are DIN5 MIDI outputs – connect your MIDI-controlled instruments here



This is the configuration button, press it to access the configuration web app

This is the MIDI activity LED

This is the LED indicating power is ON

This is the USB Input/Output. Connect your laptop here to control MIDI instruments from your DAW. Once connected, the MIDI Dispatch will power on from the USB port. It also can send back filtered MIDI signals to the DAW



► Technical specs

Power supply: 9-12VDC, at least 100mA, center positive or USB C, 1 DIN5 input, 8 DIN5 outputs, USB C input/output

Latency: 0s in MIDI Thru mode, 0.5ms with MIDI filtering

Mass: 0.5 kg

Dimensions: 222 mm x 35 mm x 48 mm

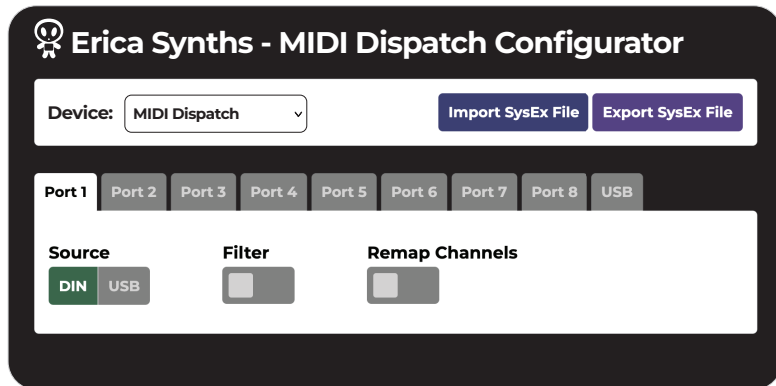
You get: MIDI Dispatcher, USB A to USB C cable

► Configuration settings

The MIDI DISPATCH is a plug-and-play device, but if you want to use the dispatcher features, you need to configure it via a web app (HTML) that comes with the device, this app can also be used offline.

To perform the configuration, connect the MIDI DISPATCH to your computer via a USB cable and push the CONFIG button. The MIDI DISPATCH will appear as an external HDD. Open it and double click **the app icon** to open the configuration web app (HTML) in your browser. It can be saved on your computer – if you do this, make sure to save all of the other folders in the directory (assets, css, js) too. You can also find it on our site – www.ericasynths.lv

To enable full functionality of the app we recommend using Google Chrome, Microsoft Edge or Opera browsers.



The MIDI DISPATCH configuration app allows for designing custom settings for the MIDI DISPATCH as well as saving them on your computer as "presets".

In case you are using several MIDI Dispatch devices, you have to configure them one by one.

There are **8 output Ports + USB output**, and you can configure each output individually. First, select the **Source** – it can be either the DIN5 input or USB.

Because the MIDI DISPATCH only has one USB connector, you can use the same USB connector both as an input and output. In that case, you can send MIDI commands back to the VST on your computer.

By default, the **Filter** is OFF and the MIDI Port performs a simple MIDI Thru function.

Erica Synths - MIDI Dispatch Configurator

Device: MIDI Dispatch v

Import SysEx File

Export SysEx File

Port 1 Port 2 Port 3 Port 4 Port 5 Port 6 Port 7 Port 8 USB

Source

DIN USB

Filter



Remap Channels



Channels

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 All None

Voice Message Filter

Note Off Note On Key Pressure Control Change Program Change Channel Pressure Pitch Bend All None

System Message Filter

System Exclusive Time Code Song Position Song Select Tune Request All None

Real Time Message Filter

Clock Start Continue Stop Active Sensing Reset All None

Once the **Filter** is turned ON, multiple configuration options are available for each Port individually.

Channels allow for selecting a MIDI channel for each Port. Just click on the desired channel to make a selection.

In the **Voice Message Filter** you can select which messages are transmitted on a selected Port.

The same goes for the **System Message Filter**. Click on your selection or select All or None.

Likewise, the **Real Time Message Filter** allows you to configure, for example, your MIDI sequencer response and sync it with other gear. Click on your selection or select All or None.

Erica Synths - MIDI Dispatch Configurator

Device: MIDI Dispatch

Import SysEx File

Export SysEx File

Port 1 Port 2 Port 3 Port 4 Port 5 Port 6 Port 7 Port 8 USB

Source

DIN USB

Filter



Remap Channels



Channels

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 All None

Channel Remapping

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 Reset

Voice Message Filter

Note Off Note On Key Pressure Control Change Program Change Channel Pressure Pitch Bend All None

System Message Filter

System Exclusive Time Code Song Position Song Select Tune Request All None

Real Time Message Filter

Clock Start Continue Stop Active Sensing Reset All None

If you turn on **REMAP**, you will also be able to select different output channels for the incoming ones – click on the a channel number and a drop-down menu will appear, letting you select the desired output channel. The selected output channel will be lit in orange. This allows you to control synthesizers, connected to specific output without changing MIDI settings on the synthesizer itself.

The image shows a web-based configuration interface for Erica Synths' MIDI Dispatch. The title bar features a small robot icon and the text "Erica Synths - MIDI Dispatch Configurator". Below the title, there is a "Device:" dropdown menu currently set to "MIDI Dispatch". To the right of the dropdown are two buttons: "Import SysEx File" and "Export SysEx File". Below these, there is a row of buttons labeled "Port 1", "Port 2", "Port 3", "Port 4", "Port 5", "Port 6", "Port 7", "Port 8", and "USB". Underneath the port buttons, there are three sections: "Source" with "DIN" (highlighted in green) and "USB" buttons; "Filter" with a single grey button; and "Remap Channels" with a single grey button.

Once you are happy with the configuration, you can **Export** the configuration as a "preset" to your computer.

Just hit the **Export SysEx File** and select the location on your computer to save the file with a preset.

In order to **Import** the preset, click the **Import SysEx File**, browse your computer to select the file and confirm import.

When using Google Chrome, Microsoft Edge or Opera browsers, the device should appear automatically and changes will be immediately saved.

Other browsers may not work like this (device doesn't appear) and in such cases, you should export the SysEx file and upload it to the MIDI Dispatch via a MIDI SysEx software such as SysEx Librarian for Mac or MIDIOX on Windows.

► Safety instructions

Please follow the instructions for the use of the Erica Synths MIDI DISPATCH module below, because only this will guarantee the proper operation of the instrument and ensure the warranty from Erica Synths.



Power the MIDI DISPATCH with the USB C cable supplied with the unit or 9-12 VDC center positive power supply.



Water is lethal for most electric devices unless they have been rendered waterproof. The MIDI DISPATCH is NOT intended for use in a humid or wet environment. No liquids or other conducting substances should be allowed into the instrument. Should this happen, the instrument should be disconnected from mains power immediately, dried, examined and cleaned by a qualified technician.



Do not expose the instrument to temperatures above +50° C or below -20° C. If you have transported the instrument in extremely low temperatures, leave it at room temperature for an hour before plugging it in.



Transport the instrument carefully. Never let it drop or fall over. The Warranty does not apply to instruments with visual damage.



MIDI DISPATCH must be shipped in the original packaging only. Any instrument shipped to us for return, exchange and/or warranty repair must be in its original packaging. All other deliveries will be rejected and returned to you. Ensure that you keep the original packaging and technical documentation.

► Disposal

This device complies with EU guidelines and is manufactured and confront RoHS without the use of lead, mercury, cadmium or chrome. Nevertheless, this device is special waste and disposal in household waste is not recommended.

User manual by Girts Ozolins@Erica Synths.
Design by Ineta Briede@Black8.

Copying, distribution or any commercial use of this manual in any way is prohibited and needs the written permission of Erica Synths.

The specifications are subject to change without notice. If you have any questions, feel free to contact us via SUPPORT section on www.ericasynths.lv

You will find the Erica Synths terms of warranty at
www.ericasynthslv

Items for return, exchange and/or warranty repair should be sent us
according to the guidelines on SUPPORT section on **www.ericasynthslv**

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