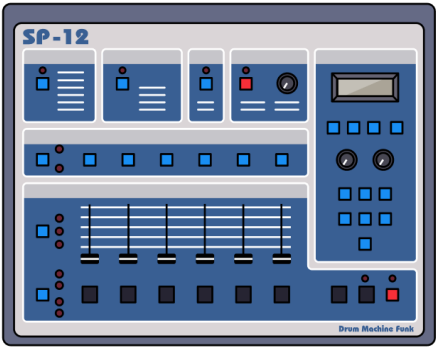
SPL-12

Sampling Percussion Librarian



SPL-12 User Manual

2021. Drum Machine Funk

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Introduction

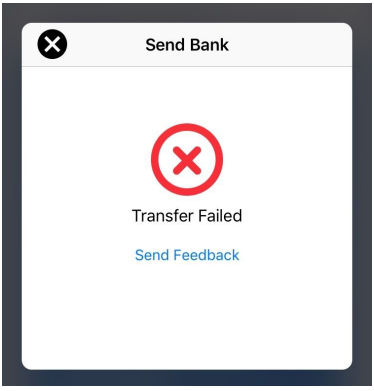
The SPL-12 Librarian is a companion application to the E-mu SP-12 drum machine.
The Librarian can save banks and sequences from your SP-12. It currently supports saving and loading of complete Sound banks and complete Sequencer memory.

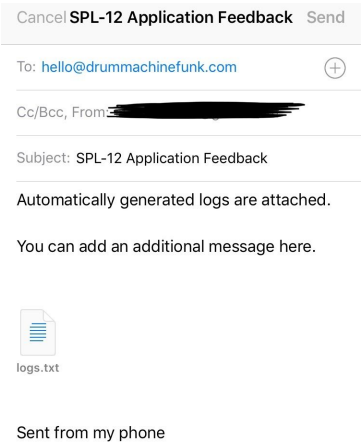
Limitations

Loading and saving individual sequences or sounds is not supported in the current version. Even though we are looking into it, we cannot promise it as of this writing.

Reporting Bugs

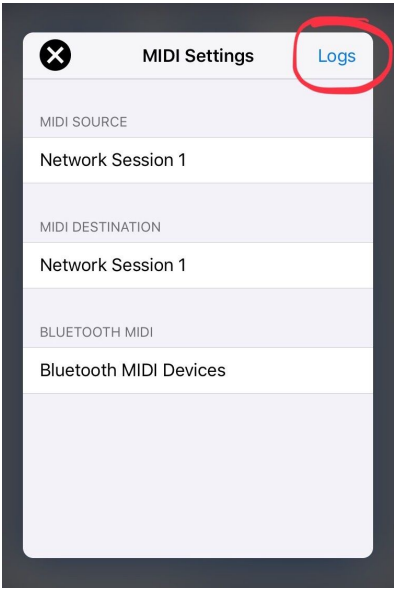
The app logs your MIDI setup and transfer details internally.
If you are experiencing issues with data transfer there is an option to submit your feedback right from the error screen with the “Send Feedback” button.

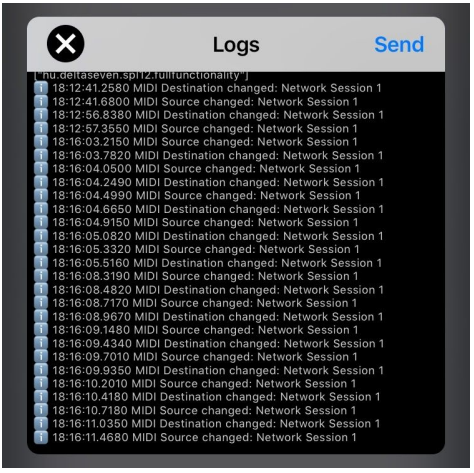




An email with the collected logs will be created for you to send. You can add any observations or feedback in the email if you wish.

Alternatively you can access the logs manually by going to **MIDI Settings > Logs.**





You can send you logs to us by using the Send button. You can add your comments, observations and constructive feedback in the email.

The more details you provide the better we can understand your issue, please include screenshots, bank or sequence files or a link to your video.

You can send direct messages to us at hello@drummachinefunk.com.

Disclaimer

Delta Seven Kft. cannot be held responsible for any damage occurring while using the SPL-12 app.
Although we are doing extensive testing with our own units and with our testers there's always a possibility of something going wrong.

There are some affiliate links used in this manual when referring to MIDI interfaces.

We don't have direct affiliation with any of the manufacturers and our recommendations are based solely on our own tests results.

In case we found any issues with MIDI transfer we contacted the manufacturers explaining our use case with detailed reports and logs.

We are happy to test any MIDI interface product and include it on our list if the manufacturer provides us with a loaner device.

We reserve the right to update our recommendation based on new test results coming from testers, users or manufacturers.

Trial version

In the free version of the software you can load our example drum kits into your SP-12 to verify that the MIDI connection is working. You can also save your own samples and sequences however loading them back requires the paid version.
Once you verified your MIDI connection and was successfully able to load our examples consider upgrading to the full version from the Load Bank - Purchases button.
Your support means we can create more software for the samplers we love.

Follow the instructions in the next chapters to test your MIDI setup.

Setup

To transfer data between the Emu SP-12 drum machine and your iOS device you will need to establish a 2 way MIDI connection. This connection can be either wired or wireless.

We list the most popular solutions in the next section and our experience using them with SPL-12 if applicable.
The following symbols are used:

- ❓: No information yet
- ⛔: Tested but not compatible with SPL-12
- ✔️: Tested and compatible with SPL-12

We found that wired connections usually work without any issues however Bluetooth connections usually don’t support proper MIDI SysEx transfer and thus not recommended with SPL-12.

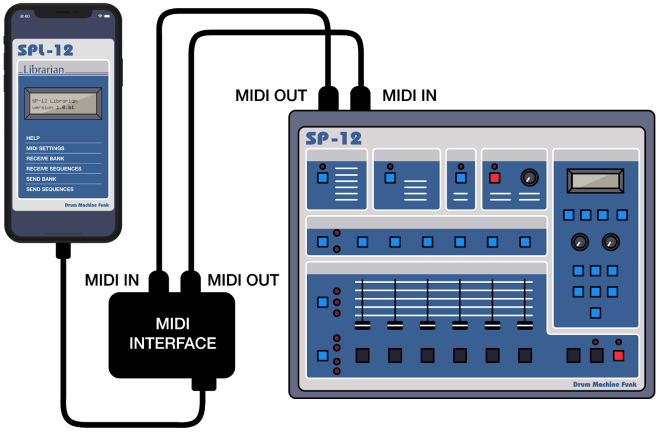
Wired Connection

iOS devices come either with a lightning (most recent iPhones) or a USB-C (iPad Pro) connection port.

Connecting via Lightning port

Option 1

Many manufacturers sell MIDI compatible devices that connect directly to the lightning port.

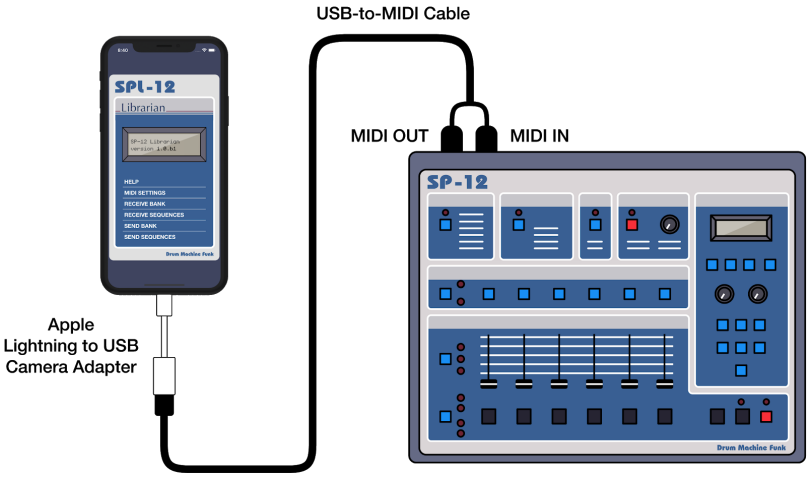


Popular products:

- iRig MIDI 2 (~80 USD) (❓)

Option 2

An alternative option is to use the Apple camera adapter with a USB-to-MIDI cable. The combination of the two items costs around 80-90 USD.



Required Apple adapter:

- Apple Lightning-to-USB Camera Adapter (~30 USD)

Popular USB-to-MIDI cables:

Product	Tested	Cost
ESI MidiMate EX	✔️	~40 USD
M-Audio Midisport Uno	⛔/✔️	~50 USD

Note: only the latest class MIDI compliant version is supported. Older versions might not be recognized by your iOS device		
Roland UM-ONE-MK2	❓	~50 USD
USB MIDI Interface Cable	⛔	
iConnectivity mio 1-in 1-out MIDI to USB interface	❓	~40 USD

Wireless Connection

Connecting via Bluetooth

An alternative solution is to use a MIDI-to-Bluetooth adapter and connect the iOS device wirelessly.

We recommend the CME Pro Widi Jack with firmware 0.1.1.3.
We tested other devices but cannot confirm any of them at this writing.

Option 3

CME Pro WIDI Jack	✔️	~60 USD
CME Widi Master	❓	~60 USD

Yamaha MD-BT01	❓	~55 USD
Wireless BM-A01	❓	~40 USD
Quicco mi.1	⛔	~60 USD

Connecting via CoreMIDI over WIFI

To be documented.

Connecting via MIDI routers

We consider MIDI routers advanced usage and assume the user knows the ins and outs of their specific unit.

Communicating with the SP-12

The SP-12 can send and receive sequencer and sound data via a two-way MIDI connection.

Depending on the size of the samples and the complexity of the sequences the transfer can take from 30 seconds up to 2-3 minutes.

☞ *Make sure you are not touching any buttons on the SP-12 while a data transfer is in progress.*

☞ *If in doubt verify that a MIDI source and destination is properly selected in the MIDI Settings*

☞ *No SP should be left untouched for more than a week to preserve quality grit and crunch when needed*

Application Functions

Help

Open this user manual from here.

MIDI Settings

Select your MIDI input and output destinations.

MIDI source:

- Select the MIDI port connected to the SP-12 MIDI out connection

MIDI destination:

- Select the MIDI port connected to the SP-12 MIDI in connection

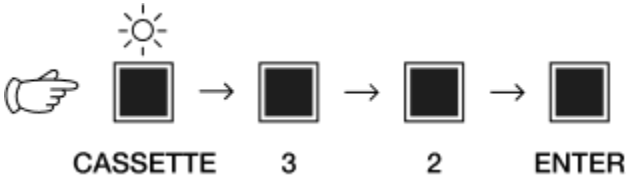
Bluetooth MIDI:

- If you are using a wireless connection this is the place to connect to your Bluetooth equipped midi interface

Receive Bank

☞ *Make sure you have a proper MIDI connection before using this function.*

- To save sound banks from the SP-12 to your iOS device select **Receive Bank.**
- You will be prompted to choose a filename or accept the auto-generated one
- On the next screen you will get the instructions to initiate the transfer from the SP-12. Follow the instructions and press the buttons:



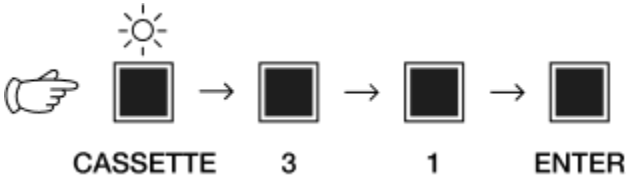
- Once Enter is pressed the SP-12 will start the transfer and a loading indicator will start spinning in the app
- The transfer is finished when the app displays “Transfer Complete”

Receive Sequences

☞ *Make sure you have a proper MIDI connection before using this function.*

- To save all sequences from the SP-12 to your iOS device select **Receive Sequences.**
- You will be prompted to choose a filename or accept the auto-generated one
- On the next screen you will get the instructions to initiate the transfer from the SP-12. Follow the instructions and press the buttons:

- Once Enter is pressed the SP-12 will start the transfer and a loading indicator will start spinning in the app

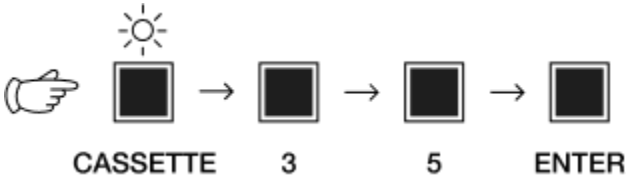


- The transfer is finished when the app displays “Transfer Complete”

Send Bank

☞ *Make sure you have a proper MIDI connection before using this function.*

- To send sound banks from the iOS device to your SP-12 select **Send Bank.**
- You will be prompted to choose a bank from either the provided Examples or your the apps Document folder
- On the next screen you will get the instructions to initiate the transfer from the SP-12. Follow the instructions and press the buttons:

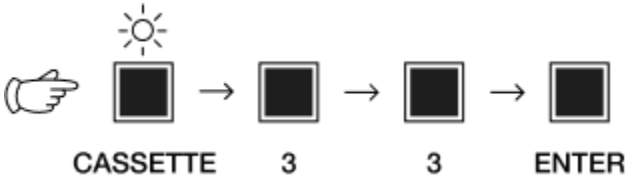


- Once Enter is pressed the SP-12 will start the transfer and a loading indicator will start spinning in the app
- The transfer is finished when the app displays “Transfer Complete”

Send Sequences

☞ *Make sure you have a proper MIDI connection before using this function.*

- To send sequences from the iOS device to your SP-12 select **Send Sequences.**
- You will be prompted to choose a bank from either the provided Examples or your the apps Document folder
- On the next screen you will get the instructions to initiate the transfer from the SP-12. Follow the instructions and press the buttons:



- Once Enter is pressed the SP-12 will start the transfer and a loading indicator will start spinning in the app
- The transfer is finished when the app displays “Transfer Complete”

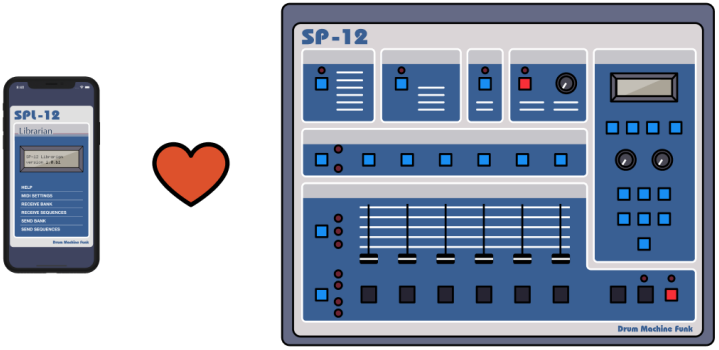
Archiving your files

Saved Bank and Sequence files are saved to the application Document folder. You can access this folder by going to the Files app on your iOS device and navigating to the SPL-12 folder.

Saved Banks use the **SPLB12** while saved sequences use the **SPLQ12** file extension. You can copy these to save to iCloud or share them with your fellow SP enthusiast.

Credits

This application was created by Rmri Beats in collaboration with the Drum Machine Funk team. Shout out to Foxman for providing the SP-12 for development and to Fifilooksdown for the relentless help with the graphic design.



No SPs were harmed during the development of this application.

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https://drummachinefunk.com