

# SPL-12 User Manual

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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.

# 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.*

# 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.

## 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.

Products:

- [iRig MIDI 2](#) (~80 USD)

#### Option 2

An alternative option is to use the Apple camera adapter with a USB-to-MIDI cable:

- [Apple Lightning-to-USB Camera Adapter](#) (~30 USD)
- USB-to-MIDI cable:
  - [M-Audio Midisport Uno](#) (~50 USD)
  - [Roland UM-ONE-MK2](#) (~50 USD)
  - [USB MIDI Interface Cable](#)

- [iConnectivity mio 1-in 1-out MIDI to USB interface](#) (~40 USD)

With a combination of the two items the cost is around 80-90 USD.

## Wireless Connection

### Connecting via Bluetooth

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

#### Option 3

Some devices on the market:

- [CME Widi Master](#) (~60 USD)
- [Yamaha MD-BT01](#) (~55 USD)
- [Wireless BM-A01](#) (~40 USD)
- [WIDI Jack](#) (~30 USD pre-order)

In our testing some of these devices were having trouble with longer sysex messages so for now we cannot recommend any specific product however we are in contact with CME and have high hopes for their products specifically the upcoming WIDI Jack.

## Connecting via CoreMIDI over WIFI

To be documented.

# 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

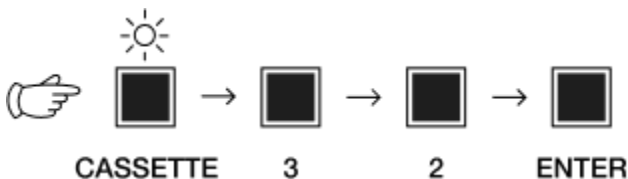
### **Bluetooth MIDI:**

- 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:

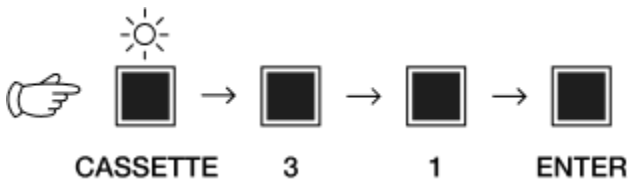


- Once Enter is pressed the SP-12 will start the transfer and a loading indicator will start spinning in the app
- The transfer is finished when the app displays "Transfer Complete"

# 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



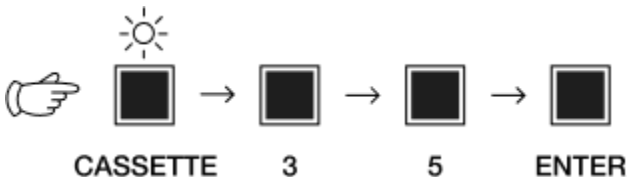
- The transfer is finished when the app displays “Transfer Complete”



# 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:

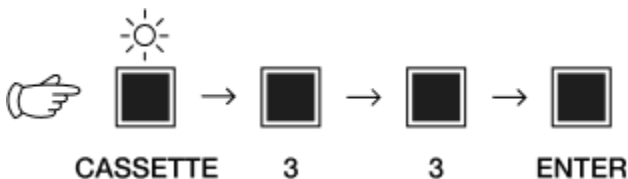


- Once Enter is pressed the SP-12 will start the transfer and a loading indicator will start spinning in the app
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# Send Sequences

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

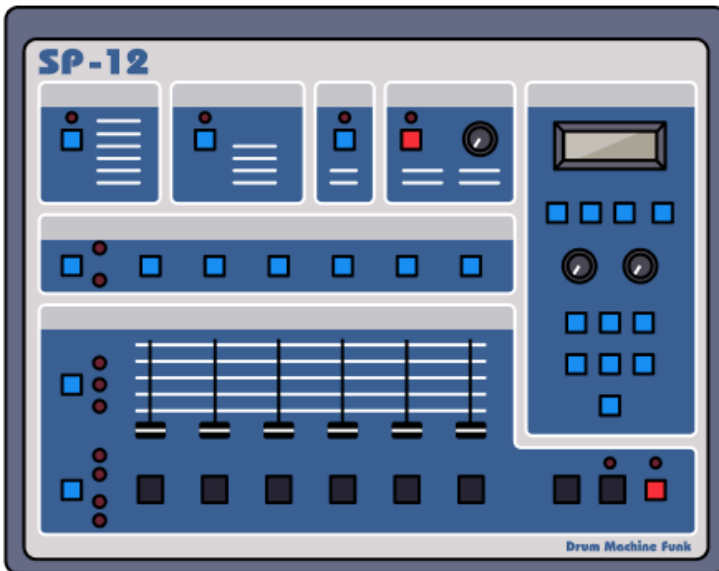
- To send sequences from the iOS device to your SP-12 select **Send Sequences**.
- You will be prompted to choose a bank from either the provided Examples or your the apps Document folder
- On the next screen you will get the instructions to initiate the transfer from the SP-12. Follow the instructions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

# 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>

