

Prophet64 Midi Interface Quick Guide (Valid for Version 1.0.0)

Please notice that this is only a Quick Guide, it might be filled with errors and is not complete at all. A full manual with exact description will be released in the near future.

Please don't write emails to me with Questions regarding the Interface. Please use the official Forum on <http://www.prophet64-forum.com>
All your questions will be answered there.

I take no responsibility for any damage on your Midi-Setup or Commodore64 caused by using the Prophet64 Midi Interface!!! If your Midi-Interface doesn't work one day, don't worry. Just contact me and we'll find a solution to fix it.

The Prophet64 Midi Interface is an add on for the popular Prophet64 Music-Software-Cartridge for the Commodore C64 computer. It enhances this software with Midi-Functions like Midi-Synchronizing, Midi-Note Trigger, Midi-Controllers, Midi Load/Save...
Please check the Prophet64 Manuals from Prophet64.com to know how to turn on all advanced functions for synchronizing, Keyboard, POT's and SDR load/save.

It is developed for easy usage (Plug&Play).

Plug:

Plug your Prophet64 Midi Interface into the Userport of your Commodore64/128.

Connect the 2 Cables to the 2 plugs on the Midi-Interface and to the Joystick-Port of your Commodore64. (Joy1 to Joystick Port 1 and Joy 2 to Joystick Port2)

And of course, connect the Midi-Cable to your Midi-Setup. Please take care that you connect Midi-Out from your Computer/Sequencer/Midi Keyboard... to Midi-In on the Midi-Interface.

And if needed the Midi-Out from the Interface to Midi-In of other gear.

There are 2 Buttons: Mode and Learn, which are used for different functions.

Play:

Turn on the C64 with inserted Prophet64 Cartridge and your Midi-Add on is ready to use.

The start sequence shows the used Version.

Functions:

There are 8 different Modes. Each Mode got a special function for the different Prophet64 Editions. Some Modes got a 2nd function to learn the Midi-Channel and the Midi-CC assignment to each POT.

To change the Mode, simply press the Mode Button.

Midi-Learn:

To get use of all functions, it is important to let the Midi-Interface learn all Midi-Channels and CC on the first start.

This can be simple done by pressing the Learn Button in the Modes 0 – 4.

Learn Button in Mode 0 : Learn the Midi-Channel for Midi Notes.

Learn Button in Mode 1 : Learn the Midi-Channel and Midi-CC for POT 1.

Learn Button in Mode 2 : Learn the Midi-Channel and Midi-CC for POT 2.

Learn Button in Mode 3 : Learn the Midi-Channel and Midi-CC for POT 3.

Learn Button in Mode 4 : Learn the Midi-Channel and Midi-CC for POT 4.

To learn, switch via the Mode-Button to the preferred Learn Mode.

Press the Learn Button. Now a 'L' appears. This is for Learn. Now the Midi-Interface is waiting for

a Note if on Mode 0 or for a Midi-CC if on Modes 1-4. This is the time you need to press a Key on your Midi-Keyboard, turn your Midi-Controller or send a Midi-Note/CC from a sequencer. When the Midi-Interface detected a valid Channel/CC, the 'L' turns into an '8'. Now press the Learn Button again and your Midi-Channel/CC is saved. Repeat until all Channels/CC are learned. These settings are saved also on Power Off. So it is only needed to do it once, except if you are changing your Midi-Setup.

Modes overview:

Mode0: Midi Sync for the Mono-Synth, Bassline and Drummer editions.

It is synchronizing with every Midi-Master-Clock device like a sequencer or a drum machine etc.. Editions must be turned into S24-External-Sync Mode. It is possible to make a synchronize correction by using a Pitch-Bend wheel. With that you can simply generate a start signal(if it wasn't started) or correct the synchronisation like a record by pitch-Bend UP and pitch bend-down. To use the POT's, the Editions must be switched into POT mode.

Cause of Prophet64's and C64's architecture it is only possible to use 4 POT's at the same time.(1 POT for Drummer Edition)

It is also possible to select Patterns via Midi-Notes. Patterns are selected by play a Note from C-x (for pattern 1) to x-x (for pattern 16).

Mode1: Midi-Sync for the Sequencer Edition

It is synchronizing with every Midi-Master-Clock device like a sequencer or a drum machine etc.. The Sequencer Edition must be turned into S24-External-Sync Mode. It is possible to make a synchronize correction by using a Pitch-Bend wheel. With that you can simply generate a start signal(if it wasn't started) or correct the synchronisation like a record by pitch-Bend UP and pitch bend-down.

Mode 2: Midi-Keyboard Mono-Synth

In this mode it is possible to play the Mono-Synth via Midi. It provides POTs aswell as Midi-Notes from C-x to B-x. The Mono-Synth must be switched into 'Keyboard' Mode. With the usage of the Pitch Bend it is possible to play the next Note in Glide Mode. With the MOD-Wheel you can permanently turn on/off the Glide Mode.

Mode 3: Midi-Keyboard Bassline

In this mode it is possible to play the Bassline via Midi. It provides POTs aswell as Midi-Notes from C-x to B-x. The Bassline must be switched into 'Keyboard' Mode. With the usage of the Pitch Bend it is possible to play the next Note in Glide Mode. With the MOD-Wheel you can permanently turn on/off the Glide Mode. The Bassline allows to play notes with accent. So by pressing the Midi-Keyboard Hard it plays the Note with Accent, by pressing it soft, it plays the Note without Accent.

Mode 4: Midi-Keyboard Sequencer

In this mode it is possible to play the Sequencer via Midi. It is possible to play Midi-Notes from C-x to B-x. The Sequencer must be turned into Keyboard Mode. Live-Playing works best on the Instrument screen. It is also possible to record while playing, for that you must be in the „Piano-Roll“ Screen.

Mode 5: Midi-Keyboard Drummer

In this Mode you can trigger every Drum in the Drummer edition via Midi. Together with that you can use 1 POT. It is possible to play 3 drums at the same time (6 with installed SID2SID).

Following Midi-Notes stands for following drum:

C-x Bassdrum

D-x Snaredrum

.....

Mode 6: Midi-Master Clock Mode

In that Mode you can use all Prophet64-Edition as Midi-Master-Clock device.

It automatically sends out Midi-Clock-Data when running the Prophet64 Editions. The Midi-Clock will be send via the Midi-Out Connector.

Mode7: Save On Midi

In this Mode you can save your Prophet64 File onto Midi.

Use a Midi-sysex capable Software and select 'Receive Midi/Sysex Dump' or similar.

(I used MidiOX and SendSX on PC which works very well, i will add a 'howto' on the full manual soon)

Save on SDR from your Prophet64 edition and use the Middle-SDR-Speed.

Now it saves your Prophet64 File on Midi.

Mode8: Load from Midi

In this Mode you can load your Prophet64 File from Midi.

Use a Midi-sysex capable Software and select 'Send Midi/sysex File' or similar.

Select Load from SDR from your Prophet64 edition, press space, when asked.

Send the File from your Midi Application. Now it loads your Prophet64 File from Midi.

If loading/saving doesn't work well with your Midi-Setup, try to decrease the Midi Speed in your Midi-Sysex software. (By using buffers or delays).

After a successfull Load/Save, the Mode switches automatically into Mode 0.

Contact: firestarter@sidsyn.com

Forum: <http://www.prophet64-forum.com>

Prophet64: <http://www.prophet64.com>

All news and upgrades on the Project Page: <http://www.firestarter-music.de/prophetcart>

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