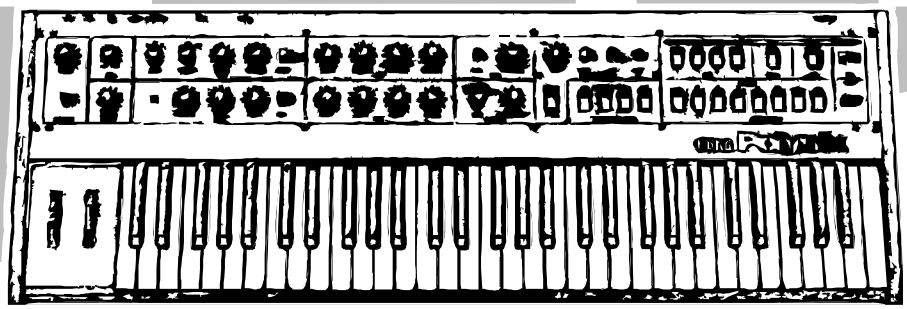
P6-M

MIDI Interface for Korg Polysix Synthesizer

Model 8-427
Version 1.0



Support Software: Patch Memory Organizer

1 FEATURES

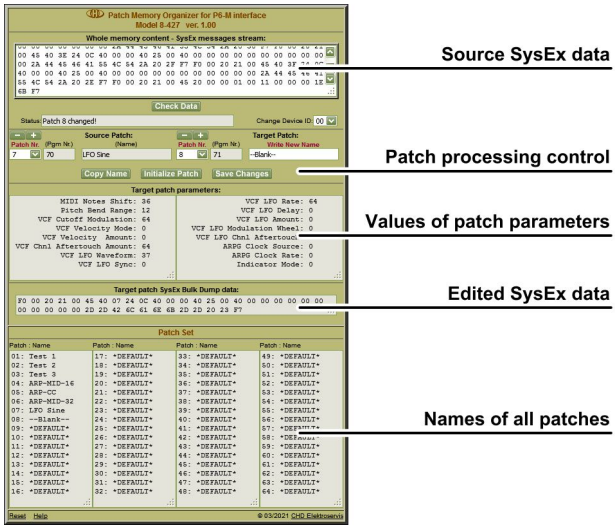
The “Patch Memory Organizer” utility enables to rename, to relocate and to initialize patches in a P6-M's patch memory archive.

The calculator is based on Java script so it can be launched under any platform (PC, MAC, ...) which includes a web browser.

Visit our web site and download the “**P6-M_syxorg.zip**” archive. Expand the archive to a selected folder on your computer’s hard drive (i.e. “**P6-M_syxorg.html**” and “**P6-M_syxorg_help.html**” files and “**media**” sub-folder).

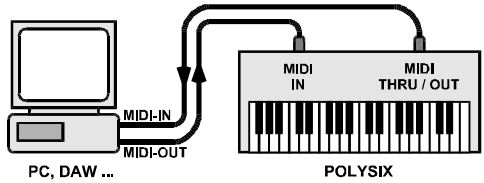
To launch the organizer, simply open the “**P6-M_syxorg.html**” file in your web browser (e.g. by clicking on the file icon). Then the organizer window opens (see figure below).

The organizer window

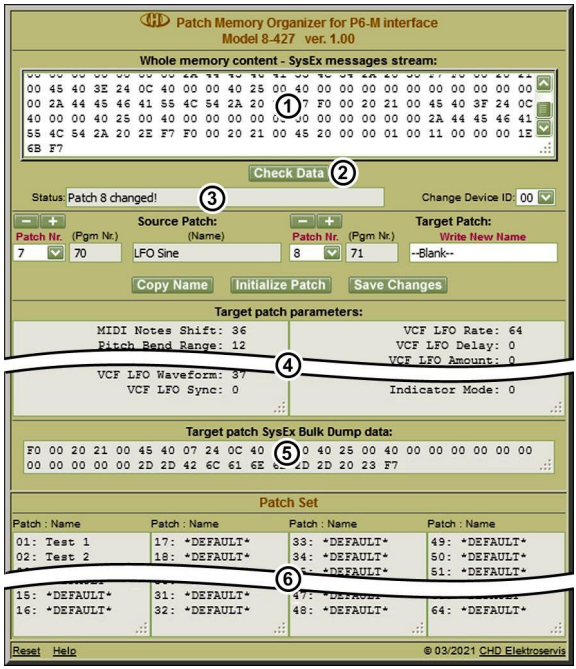


2 USAGE

2.1 DATA LOADING



1. Connect the P6-M to your PC/DAW with both MIDI-IN and MIDI-OUT cables and prepare the PC/DAW for data recording.
2. Send the [**F0 00 20 21 7F 45 70 05 7F 47 F7 hex**] SysEx message[1] from your PC/DAW to the P6-M and record stream of SysEx messages (transmitted from the P6-M as a response) in the PC/DAW.
3. Open the recorded data as a text (i.e. F0...F7 F0...F7 ... F0...F7 stream) in your PC/DAW and copy the text (e.g. with help of clipboard - CTRL+C / CTRL+V) to the "**Whole memory content - SysEx messages stream**" text field ①.
4. Click the "**Check Data**" button ②.
5. The [Data OK] message in the "**Status**" line ③ indicates successful loading of the data.
6. All text fields of the organizer table are filled with actual data: The "**Target Patch Parameters**" section ④ shows parameter values of the actual patch. The "**Target Patch SysEx Bulk Dump Data**" section ⑤ shows SysEx data for the actual patch. The "**Patch Set**" section ⑥ shows names of all 64 patches in the P6-M's patch memory.



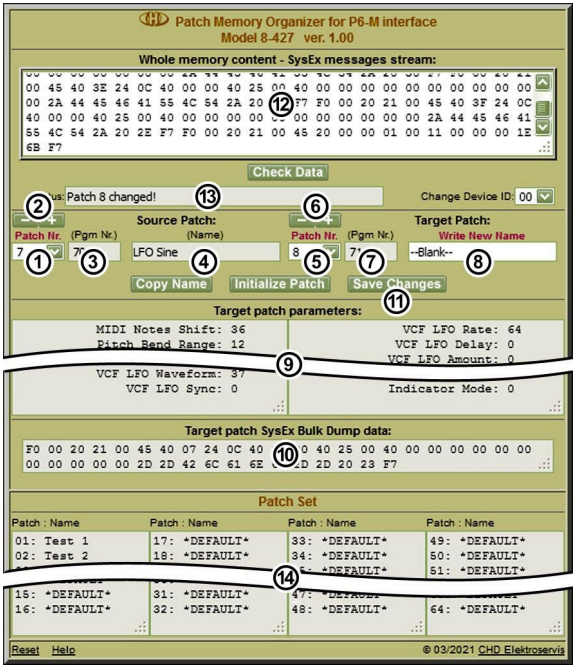
[1] This is the "**System Functions / Memory status request**" SysEx command - see the stand-alone MIDI SysEx Communication manual.

2.2 PATCH RENAING

1. Select the patch to be renamed with the "**Patch Nr.**" select-box ① or with the "**-/+**" buttons ② in the "**Source Patch**" section. The "**(Pgm Nr.)**" box ③ shows corresponding Program Change command value for this patch activation and the "**(Name)**" box ④ shows the name of the selected patch.
2. Select the same patch number with the "**Patch Nr.**" select-box ⑤ or with the "**-/+**" buttons ⑥ in the "**Target Patch**" section. The "**(Pgm Nr.)**" box ⑦ shows again corresponding Program Change command value for this patch activation.
3. Write new requested name of the edited patch into the "**Write New Name**" text box ⑧ and press Enter on the PC keyboard.
4. The "**Target Patch Parameters**" section ⑨ shows actual values of the edited patch parameters and the "**Target Patch SysEx Bulk Dump Data**" section ⑩ shows actual load type SysEx data of the edited patch.
5. Click the "**Save Changes**" button ⑪.
6. The changed data are written to the the original stream of SysEx messages ⑫. [Patch changed!] status message confirms this ⑬. The "**Patch Set** " table with all tone names is also actualized ⑭.
7. Repeat any patch procedure while all required patches are not processed.

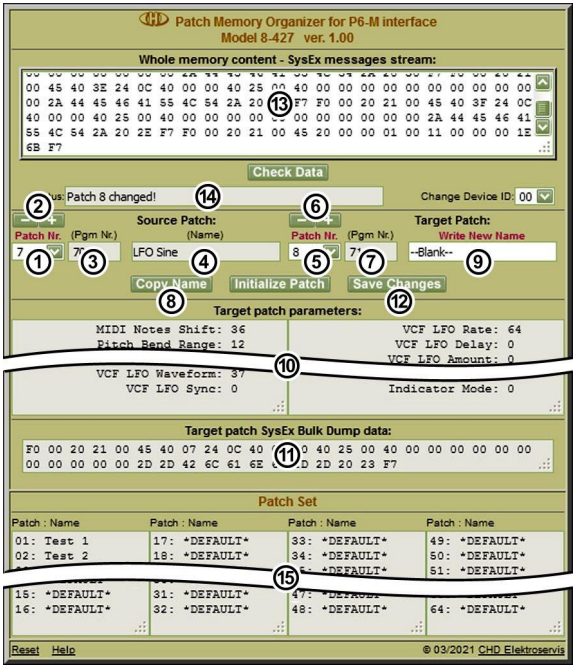
Remarks:

- *Length of the name is limited to 10 characters. Longer text will be shorten to first 10 characters.*
- *Character set of the name is limited to basic ASCII characters (i.e. the character code from 32 to 126). Unknown characters will be replaced with the "~" character.*



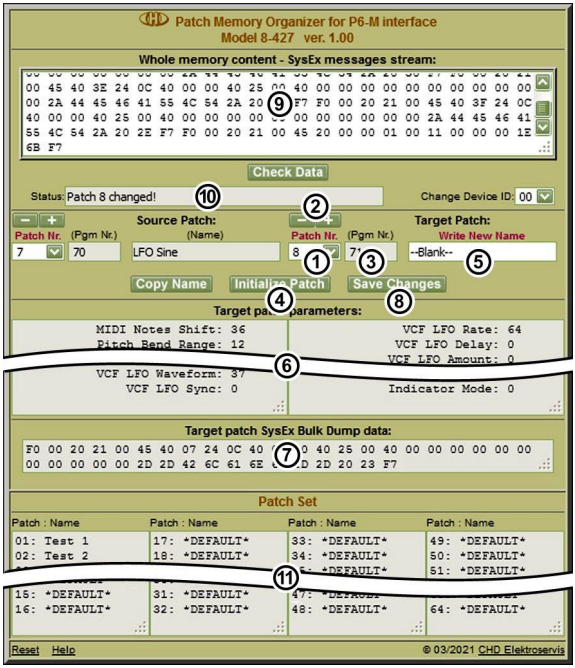
2.3 PATCH RELOCATION

1. Select the patch to be relocated (copied) with the "**Patch Nr.**" select-box ① or with the "**-/+**" buttons ② in the "**Source Patch**" section. The "**(Pgm Nr.)**" box ③ shows corresponding Program Change command value for this patch activation and the "**(Name)**" box ④ shows the name of the selected patch.
2. Select the patch to which the source patch will be copied with the "**Patch Nr.**" select-box ⑤ or with the "**-/+**" buttons ⑥ in the "**Target Patch**" section. The "**(Pgm Nr.)**" box ⑦ shows again corresponding Program Change command value for this patch activation.
3. Click the "**Copy Name**" button ⑧. The patch name appears in the "**Write New Name**" text box ⑨.
4. The "**Target Patch Parameters**" section ⑩ shows actual values of the target patch parameters and the "**Target Patch SysEx Bulk Dump Data**" section ⑪ shows changed SysEx data of the patch.
5. Click the "**Save Changes**" button ⑫.
6. The changed data are written to the the original stream of SysEx messages ⑬. [Patch changed!] status message confirms this ⑭. The "**Patch Set** " table with all tone names is also actualized ⑮.
7. Repeat any patch procedure while all required patches are not processed.

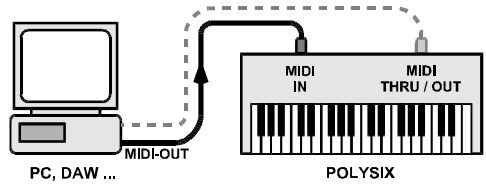


2.4 PATCH INITIALIZATION

1. Select the patch to be completely initialized (i.e. all parameters and name) with the "**Patch Nr.**" select-box ① or with the "**-/+**" buttons ② in the "**Target Patch**" section. The "**(Pgm Nr.)**" box ③ shows corresponding Program Change command value for this patch activation
2. Click the "**Initialize Patch**" button ④.
3. The default patch name is written into the "**Write New Name**" box ⑤.
4. The default values of all patch parameters are written into the "**Target Patch Parameters**" section ⑥ and into the "**Target Patch SysEx Bulk Dump Data**" section ⑦.
5. Click the "**Save Changes**" button ⑧.
6. The initialized data are written into the original stream of SysEx messages ⑨. [Patch changed!] status message ⑩ confirms this. The "**Patch Set**" table with list of all patch names is also actualized ⑪.
7. Repeat any patch procedure while all required patches are not processed.



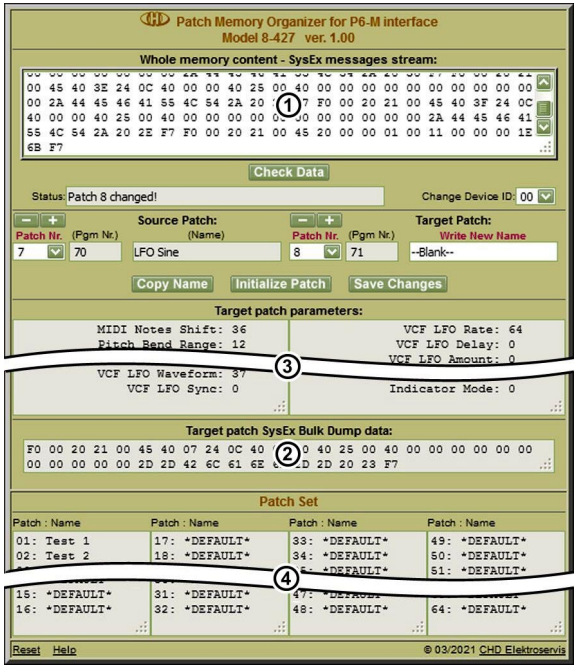
2.5 DATA SAVING



1. Connect the P6-M to your PC/DAW with at least MIDI-IN (i.e. direction from the PC/DAW to the P6-M) cable and prepare the PC/DAW for data sending.
2. Copy content of the "**Whole memory content - SysEx messages stream**" text field to the SysEx editor of your PC/DAW (e.g. with help of clipboard - CTRL+C / CTRL+V) ①.
3. Replay the SysEx data from the PC/DAW to the P6-M interface[2].

Remarks:

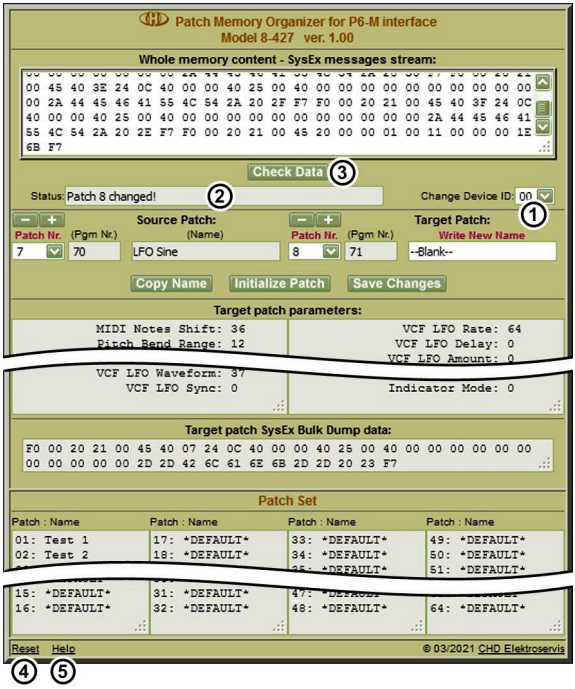
- *You can also save only the only one edited patch. In that case, copy the "**Target Patch SysEx Bulk Dump Data**" section ② to your PC/DAW and replay it to the P6-M interface.*
- *The SysEx data (the "**Whole memory content - SysEx messages stream**" ① and the "**Target Patch SysEx Bulk Dump Data**") ② can be saved in your PC/DAW also as a file in plain text form. Highlight requested text and copy it (e.g. with help of clipboard - CTRL+C / CTRL+V) to a text editor in your PC.*
- *If necessary, also the list of "**Target Patch Parameters**" ③ or the complete "**Patch Set**" list ④ can be saved as a text in your PC the similar way as described in previous paragraph.*



[2] Note that the memory protection jumper must not be plugged on the interface board for correct dala transfer!

2.6 OTHER FUNCTIONS

- If necessary, you can change the Device ID byte in the whole stream of loaded SysEx messages. This is allowed by the "**Change Device ID**" select box ①. [Device ID changed!] status message ② confirms finishing of the operation.
- The "**Check Data**" button ③ can be used for confirmation of correctly processed data anytime during working with the organizer utility.
- The "**Reset**" link ④ in bottom row of the oganizer table clears the all text fields and returns all select boxes to their default values.
- The "**Help**" link ⑤ in bottom row of the oganizer table opens new window with brief help.



All documents and support software for the P6-M interface are available at manufacturer's web pages.

Korg Polysix MIDI Interface
Model P6-M, Nr. 8-427, ver. 1.00
Document: 842710_syxorg, rev. 1

Manufacturer: CHD Elektroservis, Czech Republic

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