

Sysex patch and sequence RAM save and restore are now supported.

To save a patch RAM sysex:

Turn the rear panel cassette switch to "on"

Press the Memory/Save button

(all patches will be saved, regardless of which banks are enabled)

This will also execute the normal cassette save code.

To save a sequence RAM sysex:

Turn the rear panel cassette switch to "on"

Press the Preset/Save HS button

(all sequences will be saved, regardless of which are enabled)

This will also execute the normal cassette save code.

Patch dump sysex format is:

F0

2F

7E

06 (patches)

0n (high nibble of first RAM byte)

0n (low nibble of first RAM byte)

0n (high nibble of second RAM byte)

... etc

last byte is F7 (EOX)

total size is 2021 bytes (2016 nibbles plus 4 header bytes plus EOX byte)

Only 1008 RAM locations are saved. Patches occupy the first 1000 bytes.

Each patch takes 25 bytes and there are 40 of them.

Sequence dump sysex format is:

F0

2F

7E

07 (sequences)

0n (high nibble of first RAM byte)

0n (low nibble of first RAM byte)

0n (high nibble of second RAM byte)

... etc

last byte is F7 (EOX)

total size is 2053 bytes (2048 nibbles plus 4 header bytes plus EOX byte)

Either of these files can be sent to the Synthex to load the patch or sequence RAM.

The write enable switch must be ON for the data to be written to RAM.