

\*\*\*\*\***ATTENTION**\*\*\*\*\***ATTENTION**\*\*\*\*\***ATTENTION**\*\*\*\*\*

PLEASE **ONLY** UPDATE THE SUNSYN 2.0 BY **TURNING IT OFF AND ON AND PRESSING SOFT BUTTON 1 (LEFTMOST BUTTON UNDER THE DISPLAY) AFTER 1 SECOND!**

THEN THE BIOS SCREEN APPEARS

"OS FlshPres Tune Exit".

NOW PRESS BUTTON "OS". THE MACHINE STARTS TO COPY THE LATEST USER PRESETS INTO THE FLASH MEMORY AND RETURNS WITH

"OS Update Bulk Load

Ready now for reception"

NOW SEND THE OS DUMP TO THE UNIT.

DO **NOT** USE THE INTERNAL BLOAD FUNCTION TO SEND OS UPDATES TO THE MACHINE! PLEASE IGNORE THE INTERACTIVE DIALOG IN THE SYSEX DUMPER TOOL.

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### **How to update the SunSyn with a new OS**

Make a folder on your harddisk like eg. C:/SunSyn/ and download the following files into that folder.

Download the OS midi file called SUNOS\_2xx.mid at

<http://www.jomox.de/upload/updates/>

Klick right (PC) or hold the "Alt" key (MAC) and store the file to a destination on your harddisk.

**Dont try to install older 1.xx OS version into the new SunSyn 2.0! The same yields for old SunSyns with 1.xx and trying to upload the new 2.xx OS to them. The machine could be non-working after doing so.**

Download the sysex dumper tool at

<http://www.jomox.de/upload/tools/>

Hook up the Midi In of the SunSyn 2.0 to the Midi Out of your interface.

Run the application, load the midi file and perform an interface check to make sure that your computer and midi drivers work properly.

You may also use some other proven dumper tools like sysex librarian. We recommend not to use big sequencers like Cubase, Logic or Cakewalk as these are known to eventually cut out midi data from large midi sysex files.

**Turn the SunSyn off and on and listen to the internal relay. If you hear the relay clicking press immediately soft button "1" (Leftmost button under the LCD display). (Or just 1 second right AFTER turning it on).**

The boot sequence will change into the Bios screen:

"OS FlshPres Tune Exit".

Now press soft button 1 "OS". The machine starts to copy the latest user presets into the flash memory and returns with

"OS Update Bulk Load

Ready now for reception"

**Now start the midi dump and the progress of midi dumping will be displayed by the red 7 segment display which counts up the blocks from 128.**

After the dump is complete, the machine copies the new OS into flash memory in order to have a save copy of the user presets and the OS. This takes about another 30 seconds.

The SunSyn will boot itself and come back with the new version number shown as MAIN OS 2.xx. The BIOS remains on 1.0x since this is firmware inside.

Have fun!

Your Jomox-Team

PS.: In case something went wrong, don't worry. The SunSyn 2.0 has a bootable BIOS firmware which will never die. Any corrupted SunSyn OS 2.0 can be brought back to life with a proper OS Midi dump. Practically all known problems on updating the SunSyn2.0 **only** occur by computer midi driver problems or midi transmission problems. In the event that your midi setup doesn't work properly, get a working interface or visit a friend with a proven interface.

An incomplete list of tested-to-be-good interfaces is here:

Simple Joystick-Midi  
M-Audio Delta 1010  
RME Fireface 400/800  
Evolution UC33  
Emagic AMT 8  
Emagic Unitor 8  
Emagic MT4  
Elektron TM-1  
MOTU MIDI Express XT  
Edirol UM-2ex  
Esi RoMI/O II