

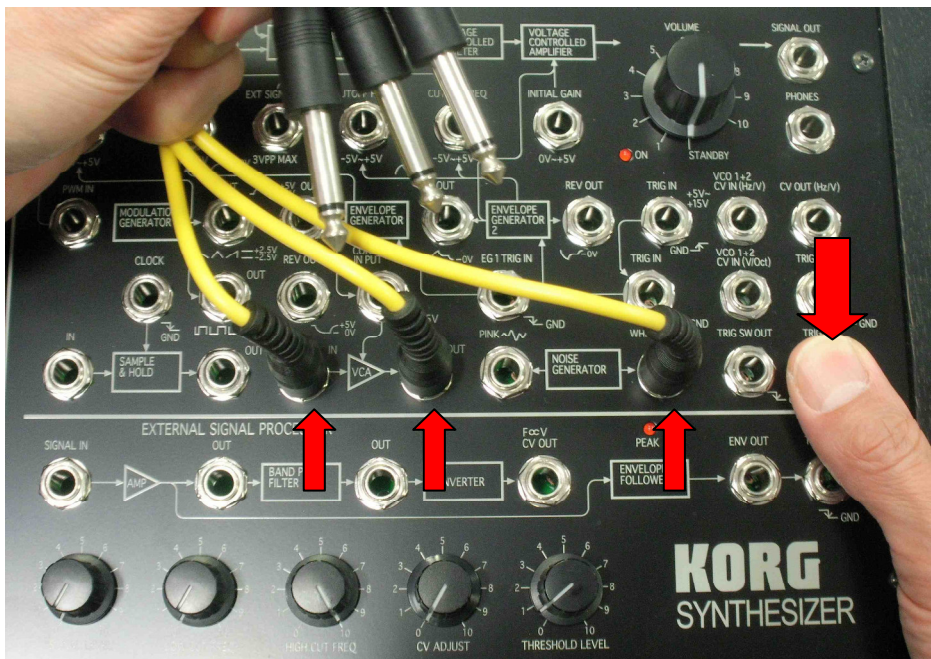
# MS-20M Kit System Firmware Update

## Update Procedures

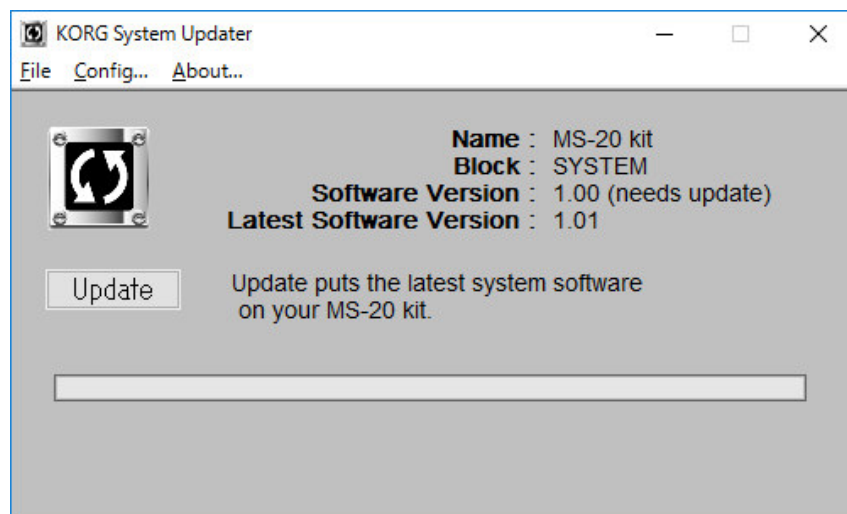
- ⚠ This updater is compatible with Windows 7 SP1 or later. Do not try to run it with Windows 98/Me/2000/XP/Vista.
  - ⚠ The latest "KORG USB-MIDI Driver" needs to be installed before the update.  
If the driver installed on your computer is older than latest version, install the latest version of the driver before starting the update. (<http://www.korg.com>)
  - ⚠ Do not operate the MS-20M Kit or the computer during the update process.
1. Set the Power Switch of the MS-20M Kit to the [STANDBY] position, and connect to a computer using a USB cable. Plug the connector of the included AC adapter firmly into the [DC 12V] input. Then connect the AC adapter to an AC power outlet.
  2. Unzip the "MS20MKit\_Updater\_????.zip". (???? is version number)
- ⚠ Extract all the files in the zip file before proceeding to step 4. The updater may not be able to find necessary files if they were not unzipped.

## Update System Firmware

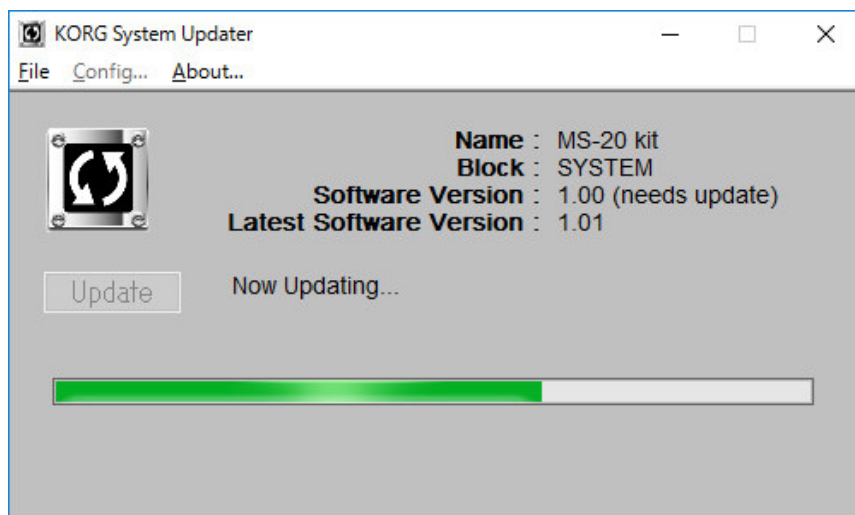
3. Plug patch cables into MVCA IN, MVCA OUT, WHITE NOISE OUT, then turn on the power of the MS-20M Kit while holding the TRIG SW button. This will put it in "Update Mode". (do not connect the other ends of the inserted patch cables).



4. Execute the "kmupdate.exe". The following window will appear.

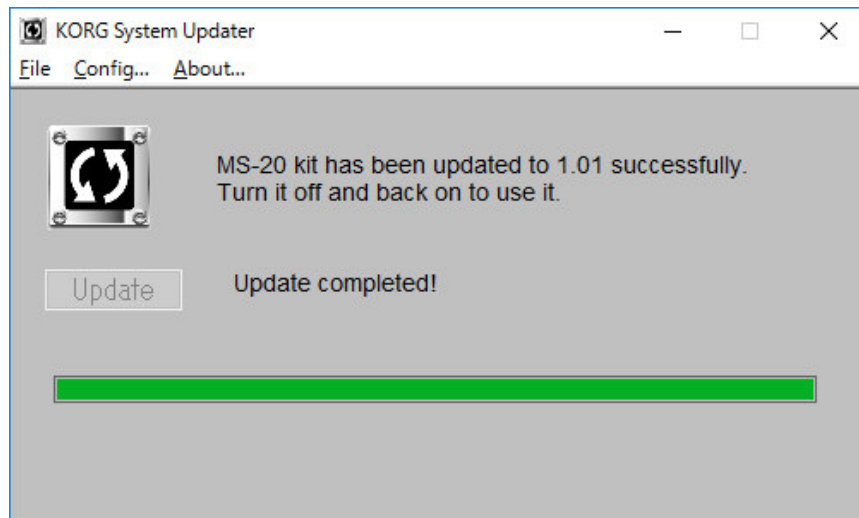


5. Push the Update button in the window to start the process.



- ⚠ The updater cannot recognize the MS-20M Kit if step 3 and step 4 are not done in the right order.
- ⚠ Do not disconnect the MS-20M Kit from the computer or turn off the power to the MS-20M Kit during the update process. Note that the whole process will take several minutes to complete.
- ⚠ If "Already the latest system" message is shown, the system firmware is already up to date. Please skip to step 6.

6. After the update is finished, quite the System Updater, and disconnect the MS-20M Kit from the computer.



7. In order to check the current system version, connect patch cables to WHITE NOISE OUT and PINK NOISE OUT then turn on the power of the MS-20M Kit while holding the TRIG SW button. You can confirm the current system version by observing the STANDBY ON LED. (do not connect the other ends of the inserted patch cables).  
The number of long flashes (0.4sec) indicates the major version and the number of short flashes (0.2sec) indicates the minor version. If the minor version is "00" the LED will show an extra-long (1sec) flash.