

# Updating Your 1M1 Firmware

## ✓ **System and Application Requirements:**

- An Intel based IBM PC or compatible running Windows 95/98/Me/2000/NT.

- A current version of the Cueline *ProFlash* Application. You will find this application on the Cueline CD that came with your 1M1 for units above serial number 1m1A0009. The newest version of *ProFlash* is also available on the Cueline Website at <http://www.cueline.com/support.html>.

- Your computer must have a MIDI interface of some sort with at least one MIDI out and one MIDI in connector. Any MIDI interface supported directly by Windows will suffice (e.g., Midiman's Midisport (USB connect) or Portman (parallel connect)). If you do not have a specific MIDI hook-up device, note that most current PC sound cards support MIDI through the PC's 15pin game/joystick port. You will need to acquire a game port-to-MIDI connector cable, however (e.g., see <http://www.cablesnmor.com/midi-cable.html>).

- An internet connection and internet browser.

- A WinZip application or like utility that will decompress .zip files.

✓ **Step 1:** From the Internet at <http://www.cueline.com/support.html> download the current 1M1 "zipped" firmware data file(s) to a known location on your PC. The latest firmware data files available for download are:

- VideoFirm14J.zip

- ProcFirm15A.zip

✓ **Step 2:** Unzip the foregoing files to a known location on your PC.

✓ **Step 3:** Connect Up....

- Connect the MIDI Out from your computer to the MIDI In on the 1M1. Connect the MIDI In on your computer to the MIDI Out on the 1M1.

- Connect the video output of the 1M1 to your video monitor.

- Power up your video monitor and then your 1M1.

✓ **Step 4:** Start the Cueline Flash Utility (double click on its icon).

✓ **Step 5:** Select MIDI ports:

- At the left just below the graphic of the 1M1 on the Flash Utility window you will find a drop down menu entitled “Midi In”. Drop down this menu and select your computer’s Midi In port which is connected to the 1M1 MIDI Out.

- At the right just below the graphic of the 1M1 on the Flash Utility window you will find a drop down menu entitled “Midi Out”. Drop down this menu and select your computer’s Midi Out port which is connected to the 1M1 MIDI In.

✓ **Step 6:** Select a 1M1 firmware data file (.pcf (Video upgrade) or .pcr (Processor upgrade)):

- On the Flash Utility window at the bottom left, click on the “File Select” button. The usual Windows’ file browse window will pop up. Find, then select and open a target 1M1 firmware data file (.pcf or .pcr). Note: If you are updating your 1M1 firmware with more than one file, you need not worry as to which file you chose first.

✓ **Step 7:** Click on the "Flash" button. The 1M1 should now exhibit the following behavior:

- If the MIDI connections to ProCue 1m1 were correct the 2.FUNC. and 3.FUNC LEDs on ProCue 1m1 will light indicating that the upgrade has commenced.

- The four LEDs (CLICK 1, CLICK 2, SYNC POP, VIDEO) on ProCue 1m1 will also light, but begin to move in a downwards pattern indicating that the 1M1 is receiving data from your PC.

- Download or update progress will also be shown on your computer’s monitor and on the video monitor connected to your 1M1. Both of these displays will show the number of data blocks to be downloaded together with a counter of the data blocks as transferred.

- When the download is finished, the following message will appear on your video monitor: *"Switch off ProCue 1m1, wait 5 sec. then switch on again."* Also, the following message will appear on your computer monitor: *"Flash Complete."* The four LEDs (CLICK 1, CLICK 2, SYNC POP, VIDEO) will cease blinking in a downward pattern.

- If the upgrade was completed successfully, the MIDI/SETTINGS LED (no. 17 - figure 1 in the manual) will begin to blink slowly. So will the CLICK 1 LED.

✓ **Step 8:** Turn off your 1M1. Wait at least five (5) seconds. Turn your 1M1 on. The firmware upgrade is now complete for the selected firmware data file.

✓ **Step 9:** If another file is required to upgrade your 1M1 firmware, go to Step 6 and repeat the foregoing upgrade procedure for that file. NOTE: Please upgrade your 1M1 firmware with ALL files we might periodically make available.

▪ **ERROR CONDITION:** If an ERROR occurred during the firmware download, the MIDI/SETTINGS LED will blink rapidly. In this event turn off your 1M1. Wait at least five (5) seconds. Turn your 1M1 on and recommence the upgrade from Step 6.

If any things goes wrong during download the following message will appear on your computer monitor: " Check Cable and MIDI settings "

On the video monitor the download progress will just stop at the block number for the last received data block.

FAQ: If the download cannot be completed for some reason, is the 1M1 still usable?

A: NO. But you can try download as many times as needed. Just remember to switch off the power for 5 seconds between each try.

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