

Yamaha DM1000 Version2

Upgrade Guide

This document explains how to upgrade the DM1000 Version2 firmware. Firmware Version2 (2.0 or later) should be installed on the DM1000 beforehand.

Precautions (please be sure to read these precautions)

- The user assumes full responsibility for the upgrade.
- Back up important data before upgrading.
- If you fail to follow these instructions properly, or turn off the DM1000 or disconnect the USB cable while the upgrade is in progress, the DM1000 may be damaged.
- This software is for upgrading the DM1000 firmware from a computer via USB. MIDI drivers other than the Yamaha USB-MIDI driver cannot be used.
- If the upgrade fails while the new firmware is being transferred to the DM1000 due the power being turned off, the USB cable disconnected, etc., when the DM1000 is turned back on again it will startup in download mode, not normal mode. In this case you should reconnect the cable and perform the upgrade again.
- If the DM1000 does not work properly after upgrading, and you've tried upgrading several times, please contact your Yamaha dealer.
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System Requirements

• Windows

OS:	Windows 98SE, Me, 2000, XP Home Edition, XP Professional
Computer:	PC that features a USB port and an Intel Pentium or Celeron-family processor of 433 MHz or higher
Memory:	128 MB or more
Hard disk:	Available space of 10 MB or more
Display:	1024 x 768 pixels, 256 colors or more (High Color 16-bit or more recommended)

• Macintosh

OS:	Mac OS 9.0 - 9.2.2, Mac OS X 10.2 or higher
Computer:	Power Macintosh G3/233 MHz or higher that features a USB port
Memory:	Available memory of 16 MB or more (Turn off the virtual memory.)
Hard disk:	Available space of 10 MB or more
Display:	1024 x 768 pixels, 256 colors or more (32,000 colors or more recommended)

Contents of the folder

• Windows

DMUpgrade.exe	Firmware installer
Dm1k.pgm	Firmware of DM1000
Other files	Other files are necessary for installer. (Keep all files on the folder.)

• Macintosh

DM1K_patchE	Firmware installer
Dm1k.pgm	Firmware of DM1000

Upgrading the System Software

1. Start the computer and check to see if the following steps are complete.

- Installing the Yamaha USB-MIDI Driver in the computer
- Connecting the computer and the console using a USB cable
- Backing up the data in the user memories in the console

Note: Before starting the upgrade program, quit all other programs. While the upgrade is in progress, do not start any other programs or switch between windows.

Note: If your computer enters Sleep or Energy Save mode, data transfer to the DM1000 may stop, so disable these functions to prevent this from happening.

Note: Do not connect any USB devices other than the DM1000, USB mouse or USB keyboard. Connect the DM1000 directly to a USB port on your PC, not via a USB hub.

2. While pressing and holding down the [CLEAR] button in the monitor section on the DM1000, turn on the power to the console.

Continue holding down the [CLEAR] button until “FLASH UPDATE” appears on the display.

3. Double-click “DMUpgrade.exe” (or “DM1K_patchE” for Mac OS)

The installer window opens.



4. Click [Next].

The following I/O port setting window opens.



5. Make sure that “YAMAHA USB IN 0-1” is selected for the Input port and that “YAMAHA USB OUT 0-1” is selected for the output port, then click [Next].

A window indicating the installation progress opens, and the firmware is installed. The installation process takes a few minutes.

If you are using Mac OS 9, select “DM1000-1” for the Input port, and “DM1000-1” for the output port. Note that the port names vary with the OMS setup files.

6. When the installation is complete, the following window opens and the DM1000 reboots itself in normal mode.



Error Message List

Errors in connection to the console

- ***Unable to connect to the console.***

Make sure that the power to the console is turned on and that the console and the computer are connected via the USB cable. If the console is in normal operation mode, press and hold down the [CLEAR] button and turn on the power to the console to place it in Flash Update mode. Make sure that the Flash Update in the console has been updated to V2.0. If you are using Mac OS 9, make sure the OMS setup is correct. If the error persists, turn off and on the power to the console and restart the installer.

- ***Installer cannot proceed because there is no access key, which is needed for installation.***

The access key is not written in the console. Install the version2 firmware using a DM1000V2K package beforehand.

- ***This application does not correspond to the console.***

This message appears when the installer is not compatible with the console, for example when you used a 02R96 installer to upgrade the DM1000.

- ***This version has already been installed. No need to install.***

To cancel installation, click [Do not install]. To install and overwrite the current software, click [Reinstall]. Cancel installation if there is no problem in operating the console.

Error Messages on the Console

- ***“Protocol Error”***

- ***“Vendor Error”***

This message appears when the FLASH UPDATE is not V2.00 or later. Install the version2 firmware using a DM1000V2K package beforehand.

- ***“Please grant authority”***

The access key is not written in the console. Install the version2 firmware using a DM1000V2K package beforehand.