YAMAHA

DM7 and DM7 Compact
Firmware Update Guide

Thank you for choosing a Yamaha product.
This guide explains how to update the DM7 series firmware.

・ The firmware of the PY card installed in the DM7 series is automatically updated as needed.
・ If DM7 Control is connected and synchronized, the DM7 Control firmware is also automatically updated.

■ Precautions (Please be sure to read this section first!)

・ The user assumes full responsibility for the update.
・ **Please note that the device may be damaged if you fail to follow these instructions properly or turn off the device or operate any control/function while the update is in progress.**
・ If the update fails, and the device still does not operate correctly even after you execute the update once again, please contact your Yamaha dealer.
・ Yamaha Corporation owns exclusive copyrights for the DM7 series firmware, its update program, and the update guide.
・ It is prohibited to duplicate or modify the firmware, software, or guides, in part or in their entirety, without permission from the copyright owner.
・ The screen shots in this guide are for use with this update procedure only and may be different from the actual screen shots.
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■ Checking the version number

You can check the DM7 series firmware version numbers from the Version field in the GENERAL screen of the Setup menu.

Main	DM7 series firmware version
Dante	Dante module firmware version
PY	PY card firmware version

■ Preparing for the update

The following items are necessary for the update procedure.

● **Formatted (FAT32 or exFAT) USB flash drive with 1GB free space**
In the DM7 series, memory will be formatted in FAT32 or exFAT. For the formatting procedure, refer to "DM7 Series Reference Manual."
For formatting in a computer, refer to documentations supplied with the computer or its OS.

> **NOTE**
> exFAT is supported on DM7 series firmware version V1.5 or later.

● **The DM7 series firmware**
Download the latest firmware from the following URL.
https://www.yamahaproaudio.com/

■ Updating the DM7 series firmware

Instructions for updating the DM7 series firmware are given below.
The firmware file (compressed) must be downloaded and must be extracted (un-zipped) prior to updating.

Notes on updating Dante Firmware

- During the DM7 series firmware update, if a pop-up message "Dante Update Error" appears and the Dante module firmware update does not start, please check the following -
  - ● If the Dante module is locked by Dante Device Lock, use Dante Controller (v3.10.0.19 or later) to unlock it, then restart the DM7 series unit and proceed with the update.
  - ● If the Dante module is enrolled in a domain of Dante Domain Manager, use Dante Domain Manager to unenroll it, then restart the DM7 series unit and proceed with the update.
  - ● If the subnet of the PRIMARY IP address and the subnet of the DM7 Device Control IP address are different, the update will not proceed. Please change one of the IP addresses so that the subnets match, and then restart the DM7 series unit. The IP address of the Dante PRIMARY port can be changed using Dante Controller. The IP address of the DM7 Device Control can be changed in the "For Device Control" tab of the NETWORK screen.
  - ● When updating the Dante firmware, the message "Dante Update Error. Dante Primary Port has no network link." may appear. In this case, connect another network device to the Dante [PRIMARY] connector.
  - ● For more information, refer to the release notes of the DM7 series firmware.
- The Dante module firmware will be updated automatically the next time the DM7 series unit is power-cycled.

If the Dante module firmware update fails, the Dante module boots with the previous version of firmware. Rebooting the DM7 Series will update the Dante module firmware again.

Update Procedure

1. **Connect the USB flash drive to any USB port of your computer.**

2. **Copy the "DM7_firmware_v***.bin" (*** indicates the version number) file in the folder extracted from the downloaded zip file to the root directory of the USB flash drive.**
    NOTE
    Do not place any data, other than the DM7 series firmware file, in the root directory of the USB flash drive.

3. **Eject and remove the USB flash drive from the computer after the files have been copied.**
    For more information on ejecting the USB flash drive, refer to the owner's manuals of your computer and USB flash drive.

4. **Turn off the power to the DM7 series.**

5. **Connect the USB flash drive to the DM7 series USB connector (upper right. USB 1 or USB 2), and then turn on the power to the DM7 series.**
    After a few moments, an "Update firmware?" message will be displayed.
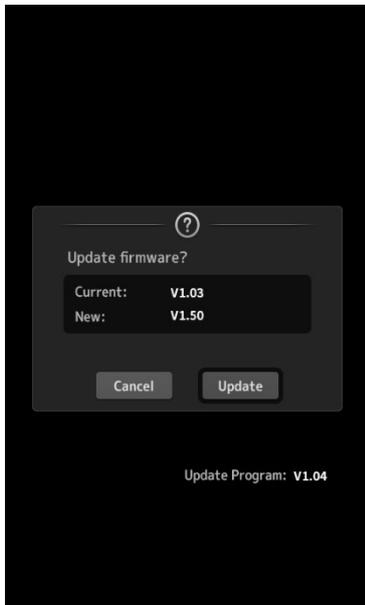
6. **Touch the "Update" button to start loading the firmware.**
    NOTICE：
    DO NOT OPERATE ANY CONTROL OF THE CONSOLE (SWITCHES, KNOBS, FADERS, ETC.) WHILE UPDATING THE FIRMWARE.

DM7 series firmware are transferred (taking about 3 to 7 minutes).
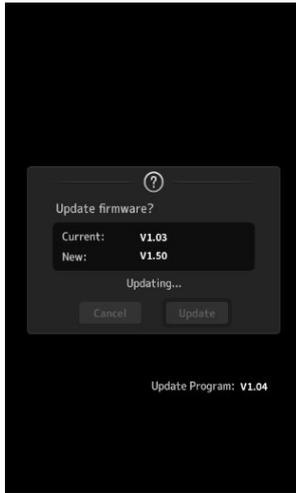
After finishing the file transfer, the DM7 series reboots, and the splash screen is shown.

The UPDATE window appears.
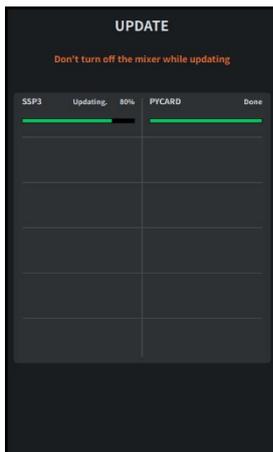
NOTE

- If there is no change in the firmware version of the DM7 series built-in peripheral device, this screen will not be displayed.

- When the UPDATE window appears, the update progress bar may start from the middle, or the update may immediately reach 100% (Done) and the message "Update Finished" appears. These are all normal.

- During the update process, the display or the LED indicator may turn off. This is normal.

7. When a message indicating completion of the update appears, press [OK] button.
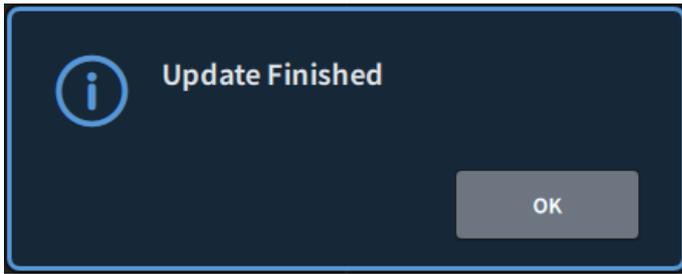
8. Confirm the updated version from the Setup -> GENERAL screen.

NOTE
- When the GENERAL screen is displayed immediately after updating, the Dante version may be displayed as "------ ------- -----". The version of Dante will be displayed after about 1 minute.
- If DM7 Control is connected, the DM7 Control firmware is also updated. You can check the status of the update on the Setup→DM7 Control Setup screen and on the upper display of the [USER DEFINED KNOBS] section on DM7 Control.

    DM7 Control Setup screen
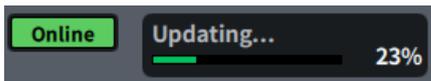
    The upper display of the [USER DEFINED KNOBS] section on DM7 Control

The firmware update is now complete.

NOTE
Some firmware versions have new default Presets for Scene or Library. To load the new Presets, the "Initialize All Memory" operation is required. Refer to the "Initialize All Memory screen" of the "MAINTENANCE screen" in the DM7 Series Reference Manual.