

PerfectWave DSD MK2 with Mt. Massive Firmware Upgrade Guide

What You Need to Start

- USB thumb drive
- The *DirectStream DAC MK2 v3.1.0 with Massive.zip* file from the PS Audio website.
- Ensure your DSD MK2 is plugged in during the upgrade.

Step-by-Step Upgrade

Prepare the thumb drive

- On your PC or Mac, unzip contents of the *DirectStream DAC MK2 v3.1.0 with Massive.zip* file and copy all the files to your USB thumb drive.
 - Copy all the files from the zip folder onto the USB drive.
- Place the thumb drive in the back of the DSD MK2, in the slot marked FW.

Upgrade Main Firmware to 3.1.0

- Using the front panel Logo LED button, place the unit in standby.
- Using the switch in the back of the unit, power the unit off, then power it back on.
- The Logo will be solid blue, then blink rapidly. It should blink around 25 to 30 times.
- The update will complete and the unit will immediately initialize.
- The main firmware has now been updated to 3.1.0.

Upgrade FPGA Firmware to Mt. Massive

- After the unit has fully booted, enter the menus (long press the menu button).
- Scroll right to the System sub-menu.
- Press the center nav button to enter the System sub-menu.
- Scroll right to the FPGA Load screen.
- Press the center nav button to select the fpga1_233_Massive.bin file.
- A status screen will appear with details of the FPGA load process.

Finish and Reboot

- The firmware has been successfully updated!
- A pop-up will display asking to reboot the unit.
- Press the center nav button and the unit will auto-reboot. You do not need to power cycle on the back panel.
- Once the unit has rebooted, enter the menus and scroll right to the Versions screen.

- Scroll down to verify the FPGA version says 233-Massive.

Troubleshooting

- In some cases, the unit may freeze on the PS Audio splash screen. If this happens, remove the USB drive from the back of the unit and power cycle the unit, then replace the USB drive if necessary.
- It is okay to leave the thumb drive in the unit. The unit will detect the firmware is the same and skip the update. However, PS Audio recommends that the USB thumb drive be removed during normal operation of the device.
- For Mac users, if the DSD MK2 doesn't recognize your thumb drive, be sure to format it for FAT32 and not EXFAT.
- If nothing appears in the FPGA Load menu, try powering the unit off in the back, inserting the USB stick, then powering it back on and returning to the menu.