

Omni Control Firmware Installation Instructions

Before you begin

The feature set of the Omni Control has not been changed over time via Firmware updates.

Updating the firmware on is not a normal part of the user experience and most users will never need to perform an update. No updates have been released which add significant features or changed operation.

It is not recommended that users re-install Firmware unless recommended to do so by [Numark Technical Support](#).

CAUTION: your controller must have a working valid connection to your computer in order to install firmware. Do not attempt to erase or install firmware if your controller is not fully recognized by your computer. If your controller is not recognized by the computer, you will be unable to successfully update firmware from that computer (you will be stuck).

- Reinstalling the firmware is NEVER a troubleshooting measure for any of the [symptoms below](#).
- Many symptoms will actually prevent a firmware installation from succeeding, and could leave you stuck without a means to reinstall your firmware once you have wiped it.
- Updating your firmware can be difficult, and indeed presents some risk. If the update process does not complete successfully, your product could be left non-functional with no installed firmware.
- It is strongly recommended that you do not unnecessarily attempt a firmware update.

Important Tips

The following symptoms can generally be resolved without the need for repair service, or installing firmware.

- Doesn't connect to computer
- Doesn't control software at all
- Controls don't map correctly to software
- I'm experiencing high latency
- The controller doesn't light up

If you are experiencing symptoms similar to the above, contact [Numark Technical Support](#). These symptoms do not indicate a need to reinstall firmware, and generally can be resolved by correcting your software or driver settings.

- The Omni Control will not light up when connected to the computer. This is normal. The LEDs will only be able light up once the included Traktor LE software is completely and properly configured. The software must tell the LEDs to light...they will not light on their own. Lighting up is the last thing you'll see once all setup is complete.
- The Omni Control requires drivers to connect to the computer. If the drivers aren't properly installed or up-to-date, the symptoms above could occur. Download the latest drivers [here](#).
- For dual-stereo audio output to function, the Omni Control requires a USB 2.0 port. If connected to a USB 1.1 port, only one stereo output channel will be available.
- If all other common or potential causes of a symptom can be ruled out, [Numark Technical Support](#) may prescribe reinstalling the firmware as a last step to determining whether or not a hardware failure has occurred.
- Poor USB communication – A bad port, or the use of USB Hub or USB extension cables can cause the symptoms above. Remove hubs, try a different USB different port, cable, or computer.
- Logitech Camera Driver Conflict – if you've ever connected one of these web-cams to your Windows PC you'll have trouble using USB audio or MIDI devices. Contact [Numark Tech Support](#) for help with this.
- Missing or corrupted Windows or Mac OSX files – class-compliant products like the Stealth Control use drivers built in to the Windows and Mac OS. If these files are missing or corrupted, the product won't function as expected. [Numark Technical Support](#) can help diagnose and repair this symptom. This can also affect the Omni Control. Of the potential causes for difficulty described in this article, this is the least likely. All other potential causes should be ruled out first.
- Wiping the firmware will not cause a hardware failure. However, if your computer isn't setup to connect with the controller, you'll not be able to reinstall the firmware yourself if needed. Also, if you were experiencing symptoms prior to wiping the firmware, this could indicate a hardware problem.
- Firmware reinstallation will neither repair nor cause a hardware failure.
- Installing an older firmware version (for the correct product) will not cause the Omni Control to cease functioning.
- Attempting to install the firmware from a different product can render the controller inoperable, may require service at a qualified repair center, and may cause permanent damage to your product.
- If your product indeed has a hardware failure, [Numark Technical Support](#) can help you determine this, and can refer you for service if required.

Update Procedure

1. Carefully read the [Before you begin](#), and [Important Tips](#) sections above.
2. Install the latest drivers for the Omni Control onto your computer. The firmware update cannot succeed unless your computer can communicate MIDI information with the Omni Control. Do not proceed if your Omni Control is not recognized by the computer.
3. Unplug the Omni Control.
4. Hold down the > (play) button on the left side and the **Cue ||** button on the right side.
5. Plug in the Omni Control
6. Release the > (play) button on the left side and the **Cue ||** button on the right side.
7. The LEDs next to the **MID kill** knobs should both light up.
8. Press and hold both **MID kill** knobs.
9. The **Select** button on the left and the **Scratch** button on the right should both light up.
10. Release both **MID kill** knobs.

Windows XP

11. Open the **Sounds and Audio Devices** control panel.
12. Select the **Audio** tab.
13. In the **MIDI music playback** section select **Numark Omni Control MIDI** if it is not already selected.
14. Drag the file **Omni Control_v1_02.syx** and drop it on to **Firmware Uploader.exe**.
15. Use MIDI OX to transmit the **Omni Control_v1_02.syx** file.
16. The LEDs on the unit should flash as the firmware is downloaded. After the download is complete the select button on the left should be lit and the **Reloop** button on the right should be lit as well as both **MID kill** LEDs.
17. Press the **MID Kill** knobs--all LEDs should go off.
18. Firmware update complete. Disconnect, the Omni Control, count to 5, then reconnect the Omni Control.

Windows 7 and Vista

11. Download MIDI OX at <http://www.midiox.com>
12. Use MIDI OX to transmit the **Omni Control_v1_02.syx** file.
13. The LEDs on the unit should flash as the firmware is downloaded. After the download is complete the select button on the left should be lit and the **Reloop** button on the right should be lit as well as both **MID kill** LEDs.
14. Press the **MID Kill** knobs--all LEDs should go off.
15. Firmware update complete. Disconnect, the Omni Control, count to 5, then reconnect the Omni Control.