



Symphony I/O Release 4.1 Notes

Who Should Update

It's recommended that all Symphony I/O users update to this release.

Symphony I/O Release 4.1 New Features

- Low latency mixer for Symphony audio interface mode.
- Full support for the Mic Pre I/O Module
- Apogee Maestro 2.5.30 (included in this release) is compatible with all current Maestro-compatible products - Ensemble, Duet FW, One, Duet USB and Symphony I/O. When using multiple Apogee devices, install the most recently released software last, to ensure that the latest version of Apogee Maestro is installed. As of December 2011, this Symphony I/O release is the most recent.

Before you update

- Please note critical Maestro settings such as Trim levels before performing a firmware update. Parameters will be reset after installing new software.
- Unplug headphones and mute speaker volume before updating firmware.

To update

1. Update Symphony I/O firmware - for details, please see the document **Updating Symphony I/O Firmware** included in this Release package.
2. Double-click the Symphony I/O Software Installer and follow the instructions provided by the installation application.
3. You will be required to re-start your computer once installation is complete.

After updating - After updating, verify the following settings;

- Audio Interface Mode - press and hold the righthand encoder to verify that Symphony I/O is set to the desired audio interface mode.
- If using multiple Symphony I/Os in Symphony audio interface mode, verify that the Source setting (found in the Maestro > System Setup tab) is set to **PCI Card 1, Ports 1-2 (Chs 1-64)**.
- Check that Output settings such as Speaker setting and level and headphone level and mute are set as expected.

Resolved Issues

- Fan speed management has been optimized for lower fan noise. Please see page 2 for important Symphony chassis information.
- A rarely encountered issue whereby output volumes would change has been resolved.
- After using front panel encoders to clear meters or mute outputs, output volume control returns to the last selected output.
- Improvements to USB Audio interface mode have improved stability.

Known Issues

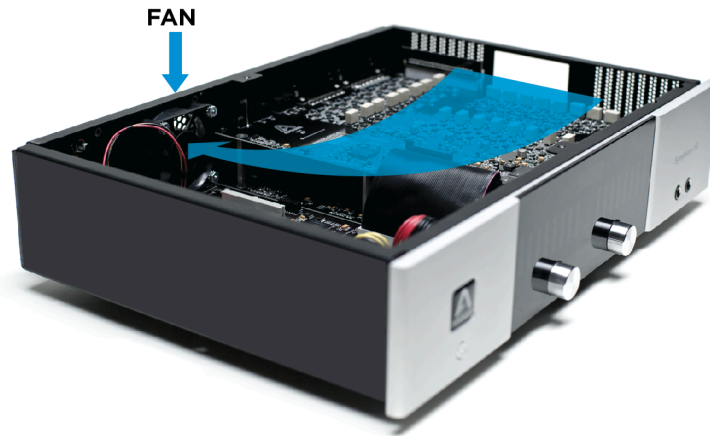
- When installing a Mic Pre I/O Module, update the Symphony I/O chassis to this release **before** installing the Mic Pre I/O Module.
- The use of 2 Mic Pre-equipped Symphony I/Os is not yet supported with Avid HD Native PCIe cards.
- When changing audio interface modes, quit Maestro first or power-cycle the Mac.

To Reduce Fan Noise

This release includes improvements to the fan speed management software that result in quieter operation.

Additional reduction of fan noise may be achieved by applying the following chassis modification, which increases the cooling efficiency of the fan, allowing it to run at a slower speed. The benefits of this modification are seen when 2 IO Modules are installed.

Analysis of Symphony I/O's internal airflow patterns indicates that cooling of the I/O Module(s) is more effective when the **left** side vents (looking from Symphony I/O's front) are blocked. Blocking the left side vents decreases airflow across the Main board (where it's not as necessary) and increases airflow across the I/O Modules (where most of Symphony I/O's heat is generated).



Apogee Electronics will provide to registered users a sheet of heat-resistant magnetic plastic suitable for the purpose of blocking the vents. Please request the vent mod kit at the following web address. The kit shall be sent via the US Postal Service.

www.apogeedigital.com/symphony-io-vent-mod.php