Symphony I/O Connections
Instructions & Guidelines

Symphony I/O Systems: 1 Unit

Pro Tools HD

✴ Software Release 2.1 or later must be downloaded from Apogeedigital.com and installed. Following installation restart your computer.

✴ Power off Symphony I/O.

✴ Connect Symphony I/O to port 1 of HD core card.

✴ Power up unit. Set Symphony I/O to "Pro Tools HD" Audio Interface Mode (hold in the right encoder to check and change if needed)

✴ Verify that the Symphony I/O is clocked to internal and displays "INT" on the front-panel.

✴ Launch Pro Tools (you should hear relays clicking from the Symphony I/O and the exclamation mark icon on the front-panel should go away) and open the "hardware setup". Click "default" to double-check that all the I/O display.

NOTE: You can use a Symphony I/O with any sort of ProTools HD card (PCI-X, PCIE, ProToolsHD 7.4, 8, and 9). Both G5 computers and Intel computers are supported. To get Maestro 2 control, you have to use Maestro 2 on an Intel Mac, which you can do separately if you connect the units via USB.

Pro Tools Native-HD
(Using single PCI card- not to be confused with ProTools Native)

✳ Software Release 2.1 or later must be downloaded from Apogeedigital.com and installed. Following installation restart your computer.

✳ Power off Symphony I/O.

✳ Connect Symphony I/O to port 1 of Native-HD card.

✳ Power up unit. Set Symphony I/O to "Pro Tools HD" Audio Interface Mode (hold in the right encoder to check and change if you need to)

✳ Verify that the Symphony I/O is clocked to internal and displays "INT" on the front-panel.

✳ Launch Pro Tools (you should hear relays clicking from the Symphony I/O and the exclamation mark icon on the front-panel should go away) and open the "hardware setup"... click "default" just to double-check that all the i/o show up.

NOTE: Native-HD is compatible with ProTools 9 Intel Mac Pros only.

APOGEE

Symphony 64 PCI
(Compatible with ProTools Native- not to be confused with ProTools Native-HD)

✳ Software Release 2.1 or later must be downloaded from Apogeedigital.com and installed. Following installation restart your computer.

✳ Power off Symphony I/O.

✳ Connect Symphony I/O to Symphony 64 card 1, port 1.

✳ Power up unit. Set Symphony I/O to "Symphony" Audio Interface Mode (hold in the right encoder to check and change needed)

✳ Open "Audio MIDI Setup" (found in Applications > Utilities...) make sure "Symphony 64" is selected for input and output. Make sure the "Source" is set to "PCI Card 1, Port 1 (Ch 1-32)".

✳ Wait for Symphony I/O to lock to Internal and display "INT" on the front-panel. (you should hear relays clicking from the Symphony I/O and the exclamation mark icon on the front-panel should go away) The clock source can be changed from front-panel (hold in left encoder) or in Maestro 2.

✳ Launch Logic (or any other CoreAudio application) and make sure Symphony 64 is the I/O for the app in the audio preferences.

NOTE: SBUS and VBUS are not available when using ProTools Native due to the 32 channel limit.

Symphony I/O Systems: 2 Units

NOTE: As of January 28, 2011, a maximum of 2 units is supported. Daisy chaining units is not supported. The Secondary PC32 port on the back of the Symphony I/O is not yet functional.

Pro Tools HD

✳ Software Release Beta 3.1 or later must be downloaded from ApogeeDigital.com and installed. Following installation restart your computer.

✳ Power off Symphony I/Os

✳ Connect Loop Sync BNC cables to proper connectors in back of unit (Loop Sync Out on Unit A to Loop Sync In on Unit B and vice versa). Make sure you don't accidentally connect to the WC connectors!

✳ Connect 1st Symphony I/O to port of HD core card.

✳ Connect 2nd Symphony I/O to port of 2nd HD card.

✳ Power up units. Set both Symphony I/Os in "Pro Tools HD" Audio Interface Mode (hold in the right encoders to check and change if needed)

✳ Launch Maestro 2 (Maestro 2 is Intel Mac only). Go to the "System Setup" tab and check the checkbox "use Loop Sync" (in some versions of the software, the box is ALWAYS checked and it's grayed out- this is normal). Also verify that unit A is the "loop sync master" in the drop-down menu next to the checkbox.

✳ Wait for both units to lock. Unit A should be clocked to Internal displaying "INT" and Unit B should display "LOOP".

APOGEE

5

✳ Launch Pro Tools and open the "hardware setup". Click "default" to double-check that all I/O display.

NOTE: You can use Symphony I/Os with any sort of ProTools HD card (PCI-X, PCIE, ProToolsHD 7.4, 8, and 9). G5 computers and Intel computers are supported. To get Maestro 2 control, you have to use Maestro 2 on an Intel Mac, which you can do separately if you connect the units via USB.

Pro Tools Native-HD
(using single PCI card- not to be confused with ProTools Native)

✳ Software Release Beta 3.1 or later must be downloaded from Apogeedigital.com and installed. Following installation restart your computer.

✳ Power off Symphony I/Os

✳ Connect Loop Sync BNC cables to proper connectors in back of unit (Loop Sync Out on Unit A to Loop Sync In on Unit B and vice versa). Make sure they don't accidentally connect to the WC connectors!

✳ Connect 1st Symphony I/O to port 1 of Native-HD card.

✳ Connect 2nd Symphony I/O to port 2 of Native-HD card.

✳ Power up units. Set both Symphony I/O's in "Pro Tools HD" Audio Interface Mode (hold in the right encoders to check and change if you need to)

✳ Launch Maestro 2 (Maestro 2 is Intel Mac only). Go to the "System Setup" tab and check the checkbox "use Loop Sync" (in some versions of the software, the box is ALWAYS checked and it's grayed out- this is normal). Also verify that unit A is the "loop sync master" in the drop-down menu next to the checkbox.

✳ Wait for both units to lock. Unit A should be clocked to Internal displaying "INT" and Unit B should display "LOOP".

✳ Launch Pro Tools and open the "hardware setup". Click "default" to double-check that all I/O display.

NOTE: To use Native-HD, you have to use ProTools 9, on G5s, so only Intel Mac-Pros.

APOGEE

Symphony64
(Compatible with ProTools Native- not to be confused with ProTools Native-HD)

✴ Software Release Beta 3.1 or later must be downloaded from Apogeedigital.com and installed. Following installation restart your computer.

✴ Power off Symphony I/Os

✴ Connect Loop Sync BNC cables to proper connectors in back of unit (Loop Sync Out on Unit A to Loop Sync In on Unit B and vice versa). Make sure they don't accidentally connect to the WC connectors!

✴ Connect 1st Symphony I/O to Symphony 64 card 1, port 1.

✴ Connect 2nd Symphony I/O to Symphony 64 card 1, port 2.

✴ Power up units. Set both Symphony I/Os in "Symphony" Audio Interface Mode (hold in the right encoders to check and change if you need to)

✴ Launch Maestro 2 (Maestro 2 is Intel Mac only). Go to the "System Setup" tab and check the checkbox "use Loop Sync" (in some versions of the software, the box is ALWAYS checked and it's grayed out- this is normal). Also verify that unit A is the "loop sync master" in the drop-down menu next to the checkbox.

✴ Open "Audio MIDI Setup" (found in Applications > Utilities > Audio MIDI Setup), select "Symphony 64" for input and output. Set the "Source" to "PCI Card 1, Port 1-2 (Ch 1-64)".

✴ Wait for both units to lock. Unit A should be clocked to Internal displaying "INT" and Unit B should display "LOOP".

✲ Launch Logic (or any other CoreAudio application) and verify Symphony 64 as the I/O for the app in the audio preferences.

NOTE: SBUS and VBUS are not available when using ProTools Native due to the 32 channel limit.

APOGEE