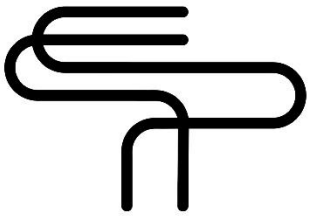


TAIKO AUDIO

XDMI Daughter Board Swap in Olympus Server

Changing the XDMI Daughter Board in the Olympus Server

The XDMI Daughter Boards are user-swappable. To swap one for the other, for instance, to change from an Analog module to Digital module, please carry out the following steps.

Diagrams can be found on the last page.

Removing the server's top section

1. Shut down the Server's Operating System by pressing the button underneath the front panel and confirm the middle LED has distinguished.
2. Power off the unit with the rear switch.
3. Remove the AC Power Cable.
4. Wait for approximately 2 minutes for the Battery sections to shut down. You can check this by looking through the unit's perforated top, into the front right section, where the green light will go off.
5. Use the BMS app and select shipping mode for each of the respective unit's independent Battery Sections.
6. Please make sure there is sufficient space around the audio rack for you to have access to all sides. If space is limited, place the server on another sturdy flat surface. Always place the server right side up. Do not place it upside down.
7. Locate the four 4-mm HEX (inbus) screws that secure the server's top half to the bottom section. There are 2 screws at the bottom of each side, underneath the curved-in side panels. See the **Olympus Server Bottom Panel Diagram** below.
8. Use the supplied 4-mm Allen Key (Inbussleutel) to remove the four screws. Do not use an American equivalent size. Even if it may appear a good fit, there is a mismatch, and you're likely to damage the screws in the process.
9. Unscrew the two screws on each side.
10. Carefully remove the top section by moving it upward in a straight motion.

Locating and removing the XDMI Base Board

1. Note that the entire two-tier PCI Card module needs to be removed from the server, after which the XDMI Daughter Board can be swapped, and the PCI Card re-seated.
2. Locate the 6 2-mm HEX (inbus) screws that hold the PCI Card in place. Note that the XDMI Card is secured from the rear side of the unit, not on top of the bracket. See the **Olympus Server XDMI Card Diagram** below.
3. If it is the Analog board you are removing, remove the short ground cable that is connected between the Analog board's copper plate and the server's back panel. This cable is only required for the analog board. It is not required for the other XDMI boards.
4. Use the supplied 2-mm Allen Key (Inbussleutel) to remove the 6 screws. Do not use an American equivalent size. Even if it may appear a good fit, there will be a mismatch, and you're likely to damage the screws in the process.
5. Lift the XDMI Card out of the PCI slot in a straight up motion.
6. Remove the four screws that secure the Daughter board to the XDMI Card, pull it up, and set it aside.

Fitting the XDMI Daughter Board

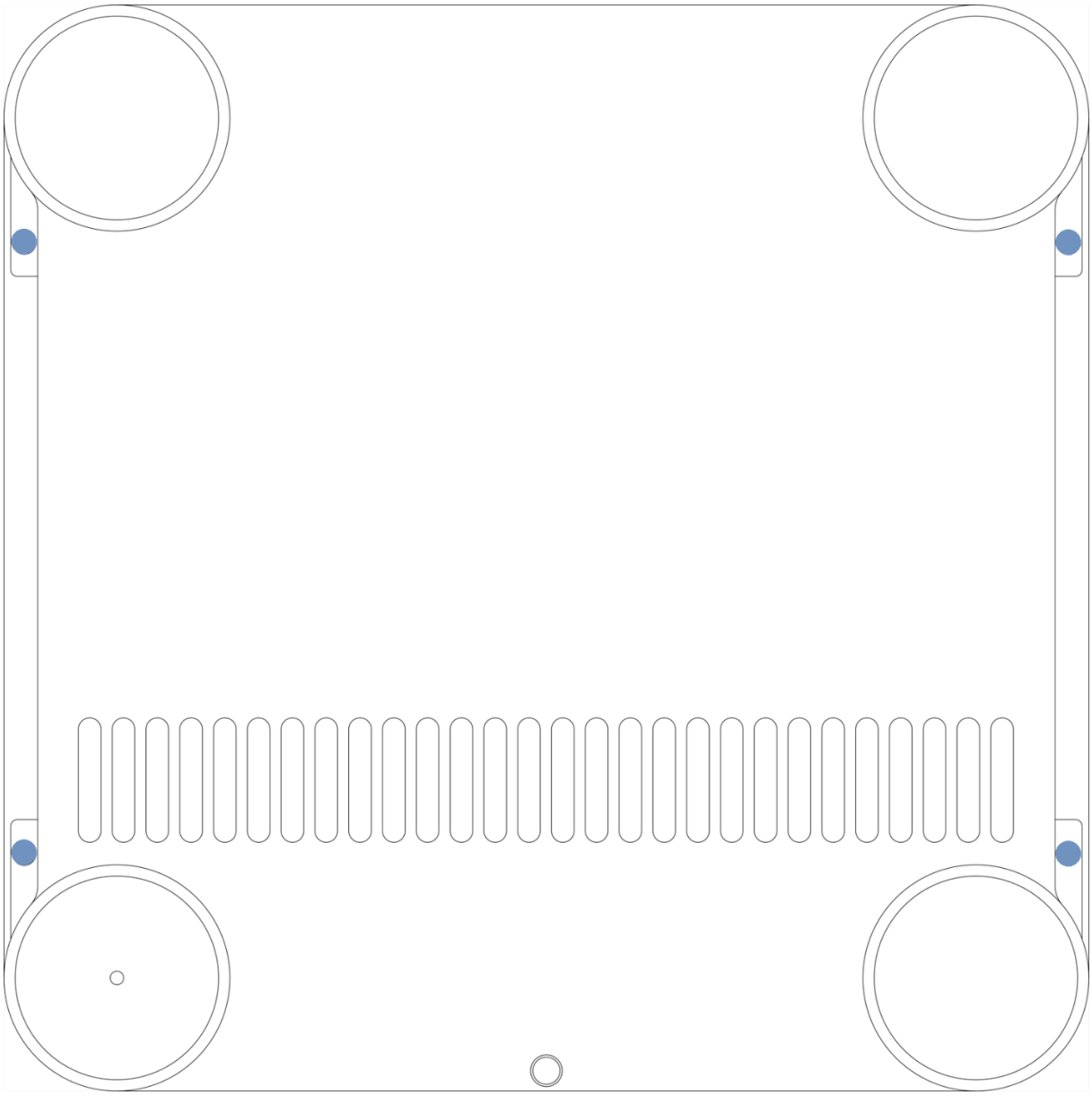
1. Fit the other XDMI Daughter Board on top of the XDMI card, and secure it with the 4 screws.
2. Lower the XDMI Card back into the PCI slot in a straight motion.
3. Secure the XDMI Card with the 6 2-mm HEX screws using the supplied Allen key.
4. If you fitted the Analog XDMI Daughter Board, also connect the ground wire to the Server's chassis.
5. Reconnect the DC cable to the XDMI Card. Be careful not to twist the cable too much.
6. Place the Top Section back on top.
7. Secure the Top Section with the 4 4-mm HEX (inbus) screws using the supplied 4mm Allen Key (inbussleutel).
8. If the unit was moved to another surface, place it back in its intended position. Reconnect the network cable, and analog or digital outputs.
9. Reconnect the mains power cable
10. Power on the unit with the rear switch. The unit will automatically come out of Shipping Mode and can be started as normal.
11. Start the Operating System by pressing the button underneath the front panel and confirm the middle LED light has stopped flashing.
12. The server is now ready for use.

For Diagrams, see the next page.

Diagrams

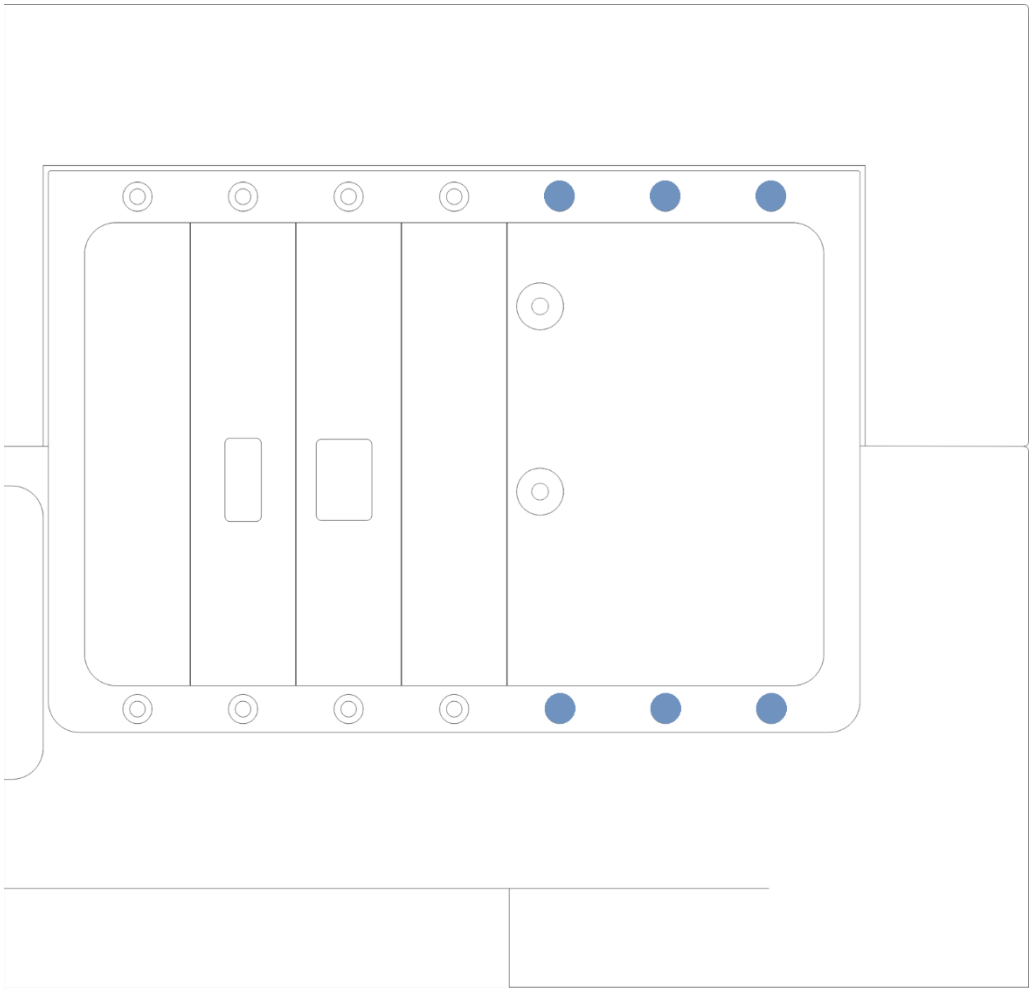
Olympus Server Bottom Panel

Location of the four 4-mm Hex (inbus) screws that secure the server's top and bottom sections.



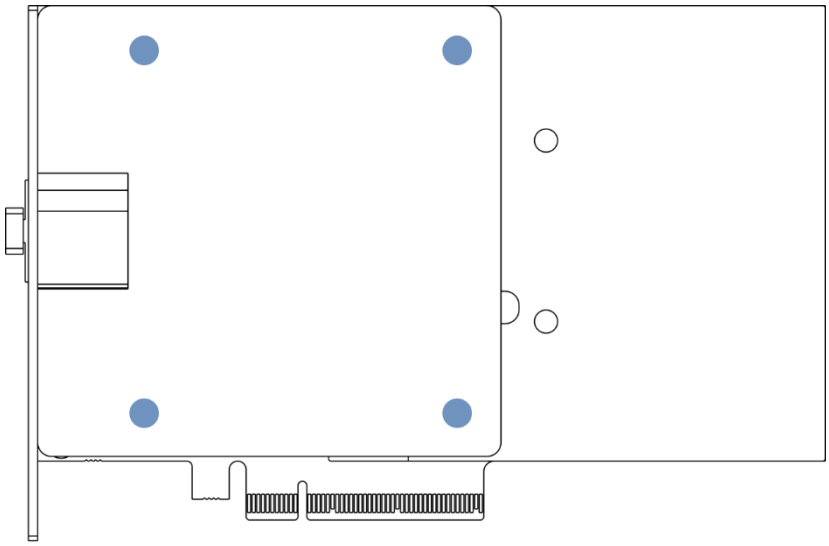
Olympus Server rear side

Location of the six 2-mm Hex (inbus) screws that secure the XDMI Card.



The Analog XDMI Board has an extra-wide back panel and is located on the far right.

XDMI Card with Daughter Board

Schematic of an XDMI Card, showing the XDMI PCI base board with a Daughter Board on top, showing the locations of the 4 screws that secure the Daughter Board to the XDMI base board.

Please note that the analog Daughter Board requires different length screws than the digital Daughter Boards. If ordered separately, these longer screws are delivered along with the analog board.