

Connecting the I/O Conversion Harness

Document Part #: 040-0242-01

The I/O Conversion Harness, Part #: 115-0229-01, lets you replace a Nytric USBI/O PCB with a new GVRI/O Mini PCB. Do the following to install the harness and PCB:

CAUTION: To prevent electrostatic discharge (ESD) damage, handle PCBs by the edges only and use a grounding wrist strap or similar precaution.

1. Turn off the cabinet and disconnect the AC power cord.
2. For PGA Tour Golf and Need for Speed games, open the System Computer to access the Nytric USBI/O PCB.
3. Disconnect the DB37, DB25, and 24-Pin (Madden only) connectors from the Nytric USBI/O PCB and connect them to the corresponding connectors on the I/O Conversion Harness.
4. Disconnect the USB cable from the Nytric PCB and connect it to the GVRI/O Mini PCB.
5. Remove the Nytric PCB from the computer or the cabinet. Close the computer case if opened. Secure the GVRI/O Mini PCB in the cabinet using four mounting feet.
6. Connect the white connectors to the GVRI/O Mini PCB as shown in the figure below. The connectors are keyed to fit the correct jack on the PCB.
7. Look at **J5** on the PCB and note the labeling next to the jack that says **1 2 3 A**. Connect the black 8-Pin connector to **J5** so that the four black wires are on the side with the labeling.
8. Power on the cabinet and test all functions from the Operator Menu. Play a game to verify proper operation.

Troubleshooting: If the game does not work, **J5** may be connected backwards (see Step 7).

