

IMAGING WORKBENCH

Software for Multichannel Dynamic Fluorescence Image Acquisition and Analysis

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Imaging Workbench Application Note 15

Securely Fastening the Cable to the PCI-6711 Board

Imaging Workbench uses the National Instruments PCI-6711 analog output interface board to control the TILL Photonics Polychrome series of fast monochromators and the PTI DeltaRAM fast monochromator. INDEC BioSystems has developed a custom cable to connect between this board and either of these two devices. This Applications Note describes how to securely fasten the cable to the board. Once complete, this procedure guarantees the cable will not accidentally disconnect from the board.

The steps to be taken are as follows.

1. Check the contents of the cable components package (Fig. 1).

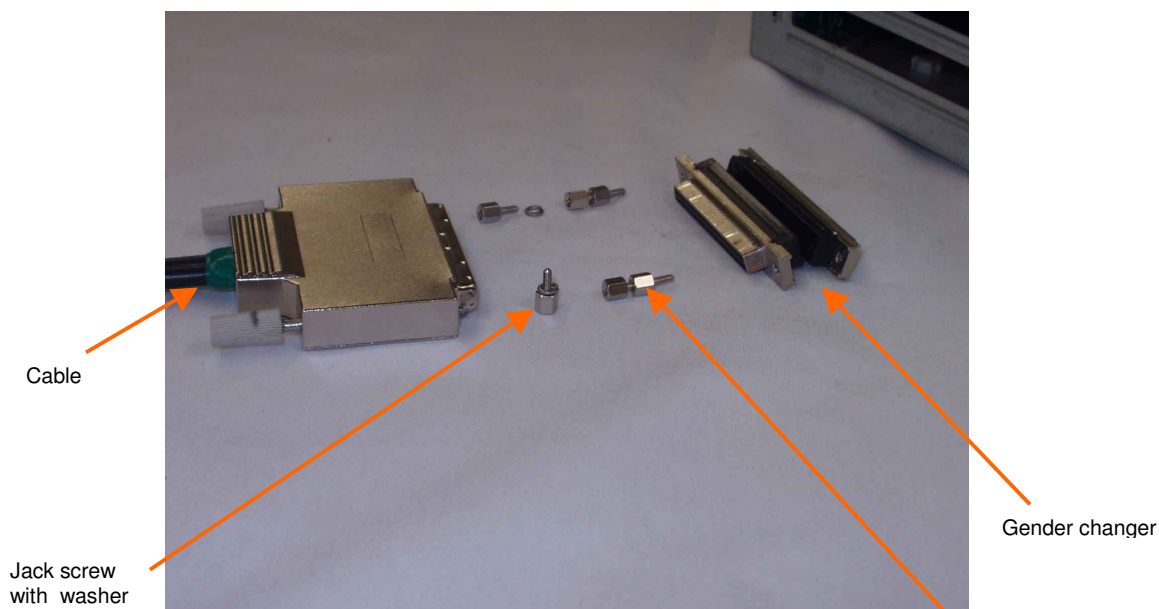


Figure 1

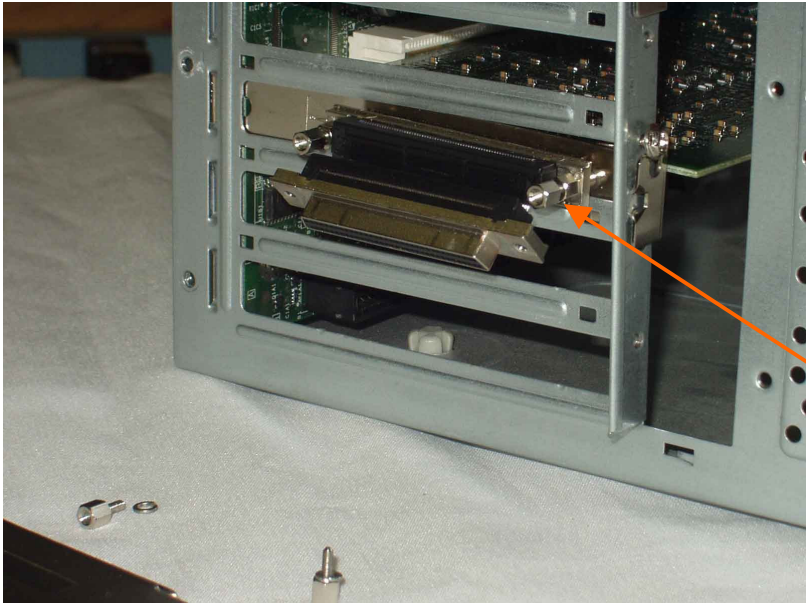
Double jack screw

2. Place the computer on a work surface. Connect the gender changer to the connector on the board (Fig. 2).



Figure 2

3. Pass the **double** jack screw ends through the access holes and screw them into the threaded holes in the board (Fig. 3).



Double jack screws installed

Figure 3

4. Screw the **single** jack screws into the double jack screws (Fig. 4).

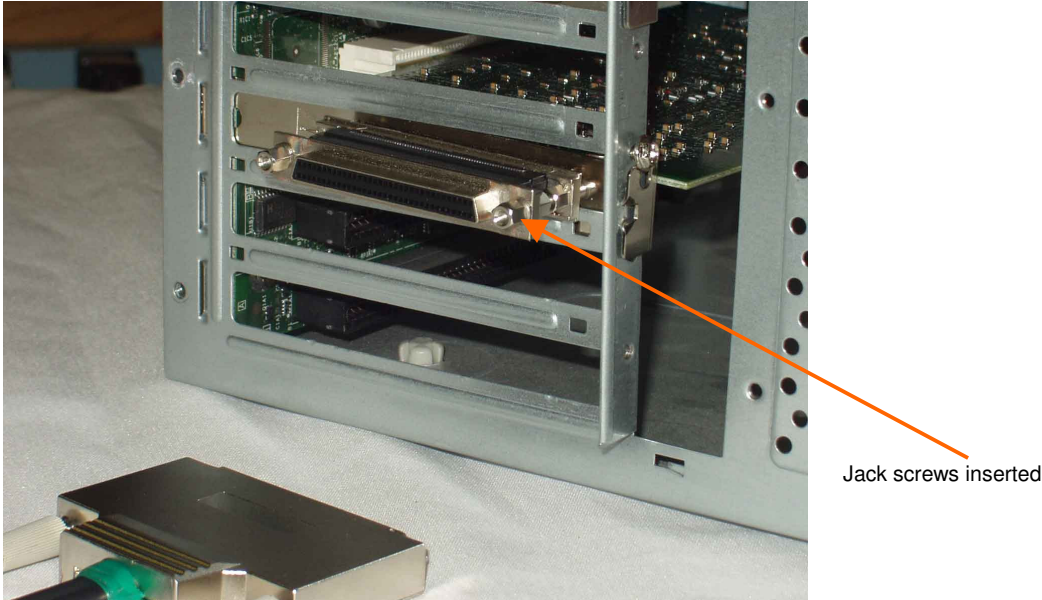


Figure 4

5. Fasten the connector onto the gender changer and screw the knurled threads into the single jack screws (Fig. 5).

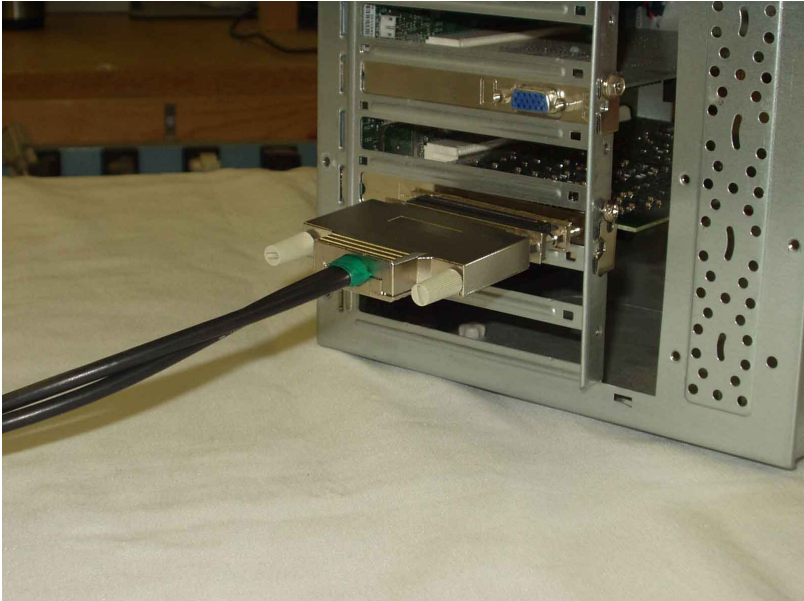


Figure 5