

On-Board® /S Remote Quick Installation Guide

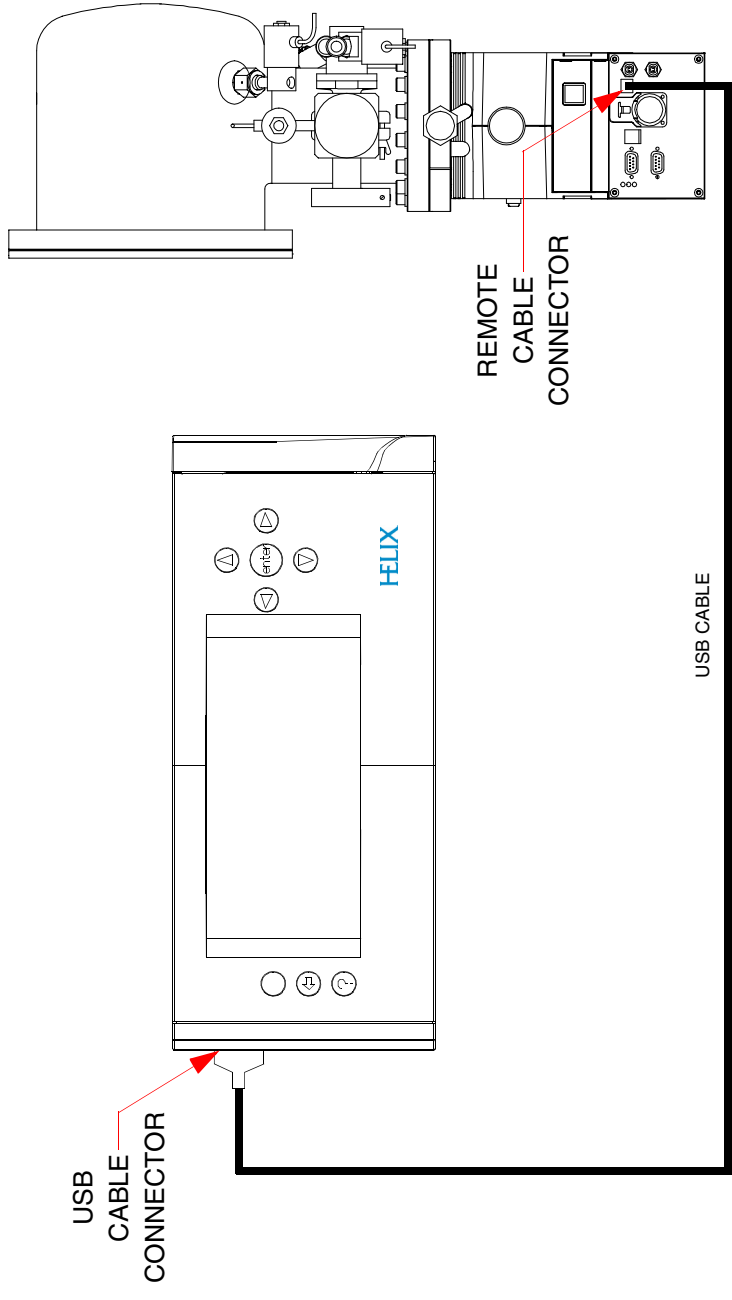
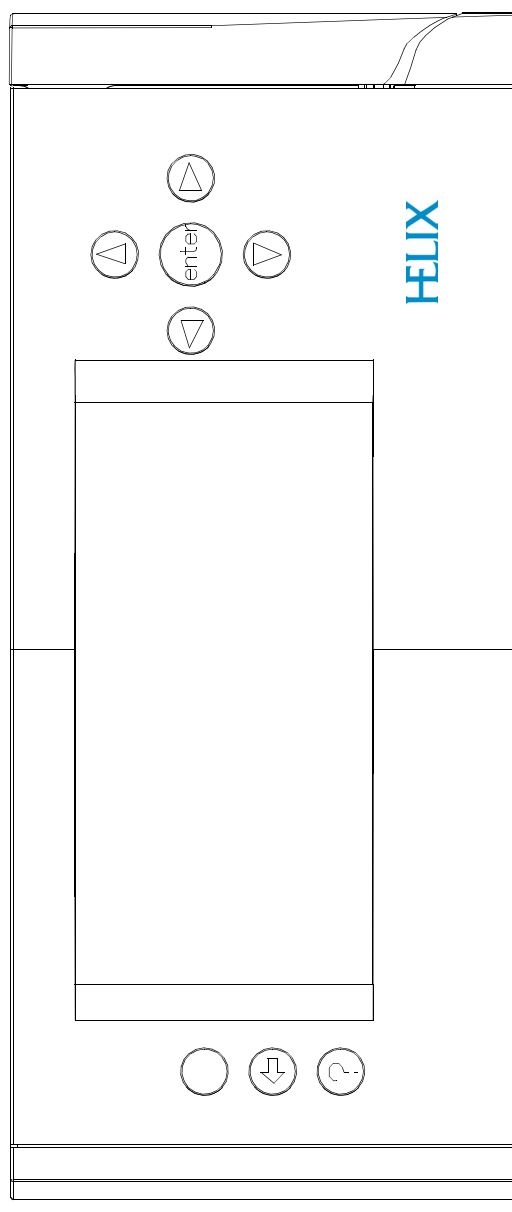


Figure 3: On-Board /S Remote Cable Connections to an On-Board /S Cryopump

On-Board /S Remote Operation

Refer to *Section 1* of the **On-Board /S Cryopump System Operation Guide**, Helix P/N 8040647 for On-Board /S Remote operation information.



Before You Start

1. Make sure the On-Board /S Cryopumps have been installed according to the directions found in the appropriate **On-Board /S Cryopump Quick Installation Guide**.
2. Make sure the On-Board /S-1000 Compressors have been installed according to the directions found in the **On-Board /S-1000 Compressor Quick Installation Guide**, Helix P/N 8040645.
3. Make sure the On-Board /S Controller has been installed according to the directions found in the **On-Board /S Remote Quick Installation Guide**, Helix P/N 8040648 or 8040657.
4. Read and follow all safety precautions in the On-Board /S Cryopump and On-Board /S-1000 Compressor Quick Installation guides.

Product Information and Technical Support

Please visit the Helix Technology Corporation Website located at <http://www.helixtechnology.com> to obtain additional product information or call the GUTS® (Guaranteed Uptime Support) Service Center for 24 hour, 7 day per week support by dialing:

800-367-4887 - Inside the United States of America

508-337-5599 - Outside the United States of America

On-Board /S Remote Installation

1. Install the On-Board /S Remote in a suitable location using the tripod mount as shown in Figure 1.

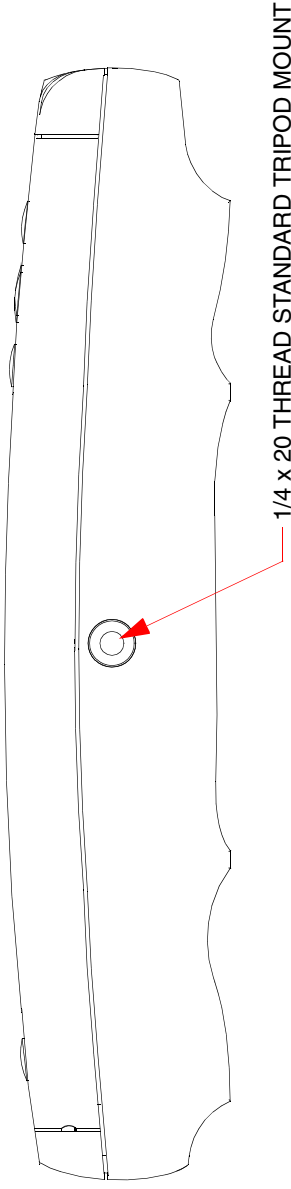


Figure 1: On-Board /S Remoter Pump Mount Installation

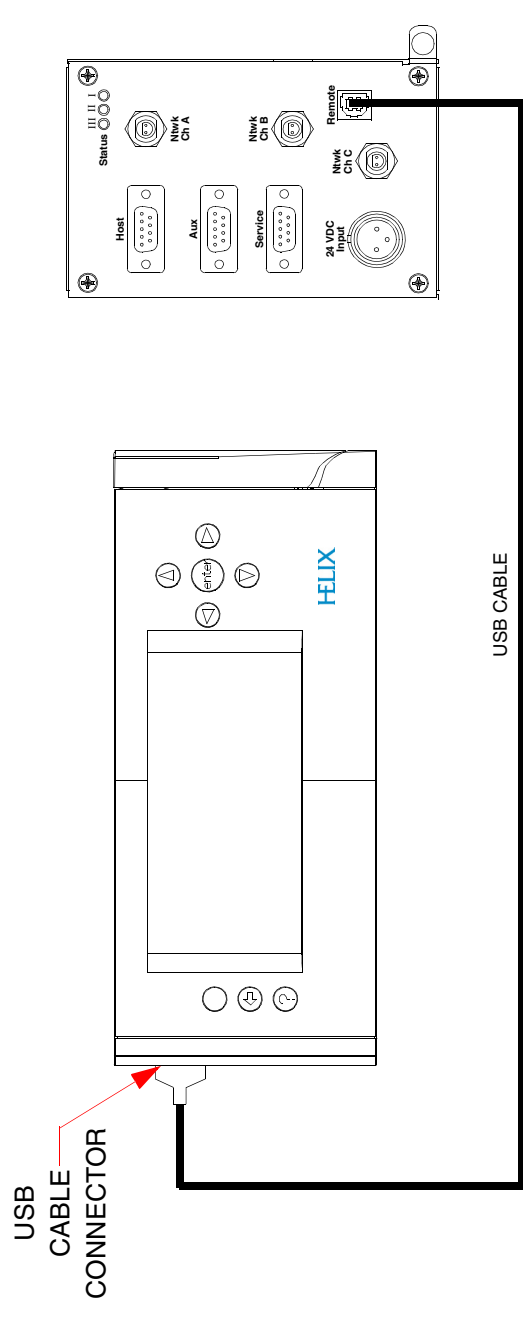
On-Board /S Remote Cable Connections

CAUTION

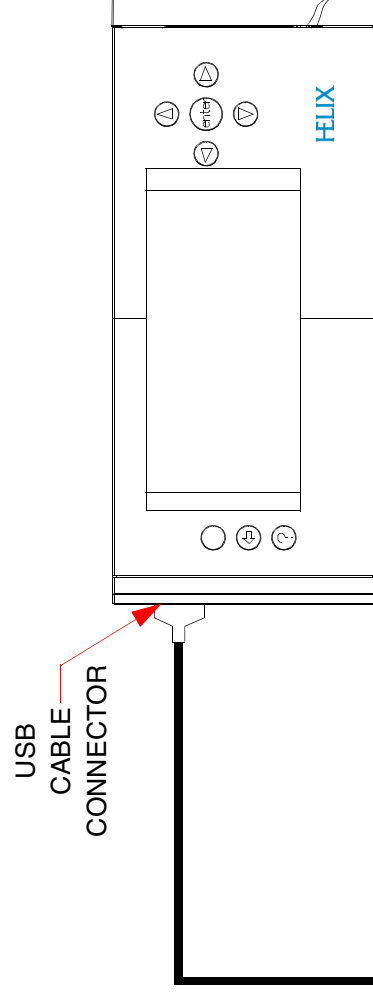
When installing On-Board /S Remote cable, care should be taken to route the cable away from power cables and any equipment that may generate excessive EMI conditions.

NOTE: The Universal Serial Bus (USB) connector on the On-Board /S Remote does not support the USB protocol.

1. Connect the On-Board /S Remote cable to the USB connector On-Board /S Remote as shown in Figure 2.
2. Connect the On-Board /S Remote cable to the REMOTE connector on the On-Board /S Controller. The On-Board /S Remote will be receive power through the USB cable and the display will illuminate.



ON-BOARD /S REMOTE CONNECTED TO THE ON-BOARD /S CONTROLLER (PUMP MOUNT)



ON-BOARD /S REMOTE CONNECTED TO THE ON-BOARD /S CONTROLLER (RACK MOUNT)

Figure 2: On-Board /S Remote Cable Connections to an On-Board /S Controller