# DataPort 2 Bay or 4 Bay SATA or SAS Enclosures with Removable Drive Carriers

This install guide is intended to support DataPort 2 Bay or 4 Bay Multi-lane Enclosures in the following configurations:

| | |
|---|---|
| 0043-7120-5240 | 4 Bay SAS/SATA Enclosure w/ DataPort 10s |
| 0023-7120-5220 | 2 Bay SAS/SATA Enclosure w/ DataPort 10s |
| 0043-7180-5240 | 4 Bay SAS/SATA Enclosure w/ Data Express DX115s |
| 0023-7180-5220 | 2 Bay SAS/SATA Enclosure w/ Data Express DX115s |
| 0043-5960-5240 | 4 Bay SATA Enclosure w/ Data Express DE110s |

## Package Contents

**DataPort 2 Bay Enclosure**

1 - DataPort 2 Bay Enclosure
2 - Carrier & Frame Assemblies
2 - Key Sets
2 - Screw Kits
1 - Power Cable

**DataPort 4 Bay Enclosure**

1 - DataPort 4 Bay Enclosure
4 - Carrier & Frame Assemblies
4 - Key Sets
4 - Screw Kits
1 - Power Cable

The DataPort Enclosures with removable drive carriers support up to four (4) SATA or SAS hard drives. The DataPort Enclosures require a multi-lane cable with an SFF-8470 InfiniBand connector.

> **NOTE:** The DataPort Enclosure does not include the required external enclosure to host cable.

The DataPort Enclosure supports two different multi-lane cables, the SFF-8470 (InfiniBand) to SFF-8470 (InfiniBand) cable (CRU PN 7366-700-03) or the SFF-8470 (InfiniBand) to SFF-8088 (Mini-SAS) cable (CRU PN 7366-701-01). Consult your host bus adapter manual to determine which interface it supports.

For internal host support CRU offers a cable assembly kit. The 4x SATA to SFF-8470 (InfiniBand) PCI host adapter with four (4) SATA data cables and SFF-8470 (InfiniBand) to SFF-8470 (InfiniBand) external cable (CRU part number 7100-800-10) will provide the end to end cabling required to set up the DataPort Enclosure.

These cables are available through CRU's authorized resellers or direct from CRU at www.CRU-DataPortStore.com.

## Hard Drive Installation

1. Remove the drive cover from the carrier.

2. Carefully insert the drive into the carrier. Slide the drive towards the Drive Carrier Board, so that the I/O connector on the drive mates with the connector on the Drive Carrier Board. Hold the drive in place and turn the drive/carrier assembly over.

3. Fasten the drive into place with four (4) provided screws. Some drives may require minor adjustment before securing into carrier with screws.

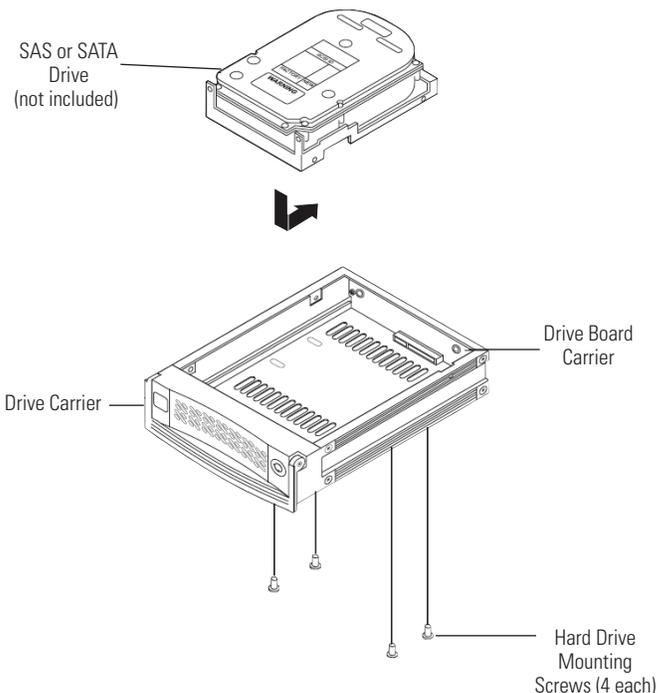4. Install the drive cover and secure with two (2) provided screws.



SAS or SATA Drive (not included)

Drive Carrier

Drive Board Carrier

Hard Drive Mounting Screws (4 each)

Figure 1: Installing Hard Drive (DE110 carrier shown)

## Enclosure Setup Instructions

1. Power off the host computer.

2. Connect the host computer to the DataPort Enclosure with an external multi-lane cable (not provided).

   **NOTE:** CRU 2 Bay Enclosures only use two (2) of the four (4) multilane host bus adapter connections.

3. Install hard drives in the removable carriers. See hard drive installation instructions for more details.

4. Insert the removable carriers into the enclosure and engage the lock on the receive frames.

   **NOTE:** The lock on both the DE110 and DP10 receiving frames functions as both a lock and a DC power switch for the carrier unit. The lock MUST be engaged in order to supply power to the carrier and installed drive unit.

5. Power on the DataPort Enclosure with the power button located on the lower right corner on the front of the enclosure. For best results power on the enclosure prior to powering on the host system.

   **NOTE:** The DataPort Enclosure supports hot swapping provided the host bus adapter also supports that feature. When hot swapping drives, ensure drive activity has stopped before powering down the removable carrier.
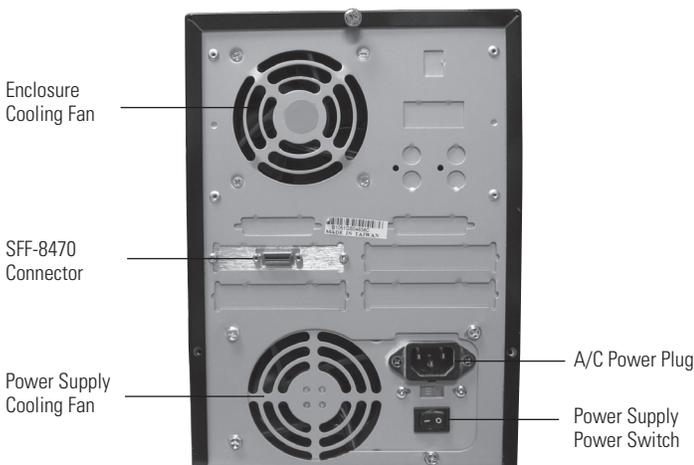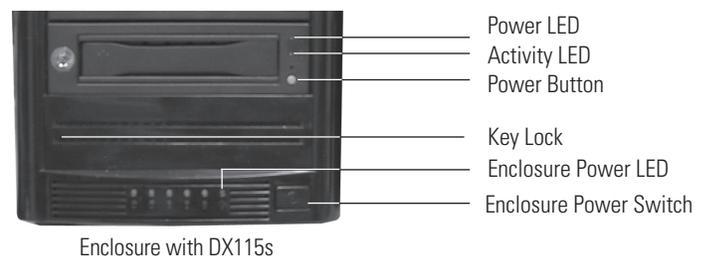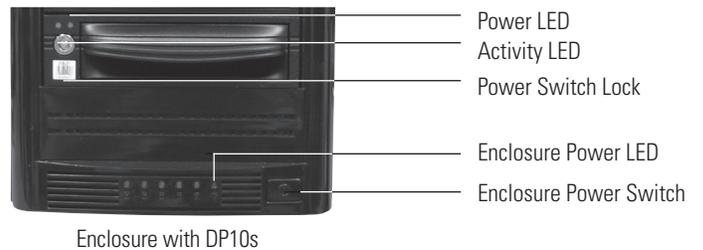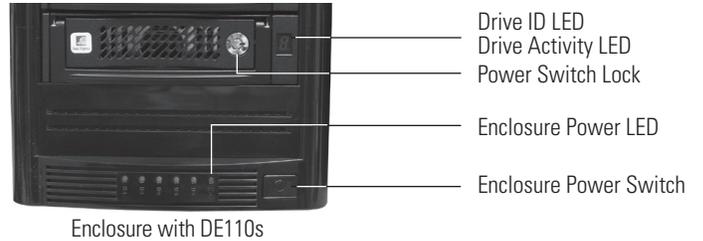
Enclosure Cooling Fan

SFF-8470 Connector

Power Supply Cooling Fan

A/C Power Plug

Power Supply Power Switch

Figure 2: Enclosure Rear View

## Enclosures with LED Functions

Drive ID LED
Drive Activity LED
Power Switch Lock

Enclosure Power LED

Enclosure Power Switch

Enclosure with DE110s

Power LED
Activity LED
Power Switch Lock

Enclosure Power LED

Enclosure Power Switch

Enclosure with DP10s

Power LED
Activity LED
Power Button

Key Lock
Enclosure Power LED
Enclosure Power Switch

Enclosure with DX115s

### Product Warranty

CRU-DataPort (CRU) warrants the DataPort 2 Bay or 4 Bay SATA or SAS Enclosures with Removable Drive Carriers to be free of significant defects in material and workmanship for a period of one year from the original date of purchase. CRU's warranty is nontransferable and is limited to the original purchaser.

### Limitation of Liability

The warranties set forth in this agreement replace all other warranties. CRU expressly disclaims all other warranties, including but not limited to, the implied warranties of merchantability and fitness for a particular purpose and non-infringement of third-party rights with respect to the documentation and hardware. No CRU dealer, agent or employee is authorized to make any modification, extension, or addition to this warranty. In no event will CRU or its suppliers be liable for any costs of procurement of substitute products or services, lost profits, loss of information or data, computer malfunction, or any other special, indirect, consequential, or incidental damages arising in any way out of the sale of, use of, or inability to use any CRU product or service, even if CRU has been advised of the possibility of such damages. In no case shall CRU's liability exceed the actual money paid for the products at issue. CRU reserves the right to make modifications and additions to this product without notice or taking on additional liability.

### FCC Certification

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and

2. This device must accept any interference received; including interference that may cause undesired operation.

### IT Power Systems

This enclosure is intended for use on a TN power system. This enclosure was evaluated for use on an IT power system in accordance with Norway National Differences to IEC60950-1.

**Register your product at www.CRU-DataPort.com.**

A5-024-0007 Rev. 3.0