Product Models	Data Express 50 SAS/SATA 6G Removeable Enclosure
Host Interfaces	SATA: up to 6 Gbps
Drive Types Supported	• 2.5" SATA Hard Drives (up to SATA Revision 3.0) • 2.5" SAS Hard Drives (up to SAS Revision 2.0)
Data Connectors	One(1) SATA Revision 3.0/SAS connector
Operating System Requirements	• Windows 8.1, 8, 7, and Vista • Windows Server 2012, 2008, and 2003 product families • Mac OS X 10.4.x or higher • Linux distributions that support SATA
Torque	2.5-inch hard drives, M3 screws: 4 inch-pounds max.
Compliance	EMI Standard: FCC Part 15 Class B, CE EMC Standard: EN55022, EN55024
Shipping Weight	1.83 pounds (includes accessories)
Product Dimensions	5.75in x 4.00in" x 1.00in" (146mm x 102mm x 26mm)
Technical Support	Your investment in CRU products is backed up by our free technical support for the lifetime of the product. Contact us through our website, cru-inc.com/support or call us at 1-800-260-9800 or +1-360-816-1800.

Product Warranty
CRU warrants this product to be free of significant defects in material and workmanship for a period of three years 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 Compliance Statement: "This device complies with 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."

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a home or commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

In the event that you experience Radio Frequency Interference, you should take the following steps to resolve the problem:
1) Ensure that the case of your attached drive is grounded.
2) Use a data cable with RFI reducing ferrites on each end.
3) Use a power supply with an RFI reducing ferrite approximately 5 inches from the DC plug.
4) Reorient or relocate the receiving antenna.

FC — Tested to comply with FCC standards

FOR HOME OR OFFICE USE

CRU Data Express®50
SAS/SATA 6G Removable Enclosure

Thank you for purchasing CRU's Data Express 50 SAS/SATA 6G Removable Enclosure. The Data Express 50 is a reliable and versatile enclosure constructed of solid steel and plastic. This product is created specifically for 2.5" SAS and SATA drives and is designed to fit into any 3.5" floppy or 5.25" peripheral bay. The receiving frame offers 6 Gbps performance when used with a SATA Revision 3.0 drive and host configuration. It is also compatible with older SATA drive and host configurations.

Features

• Removable carrier allows quick and easy access to drives for hot swapping or data mobility
• The mechanical keylock on the frame turns the unit on and locks the carrier into place, preventing accidental ejection
• Receiving frame interconnect rated for 25,000 insertions
• Transfer data up to 6 Gbps using a SATA Revision 3.0 drive and host configuration

1 Installation Steps

1.1 Frame Installation

a. Turn off power to the computer and open up the computer so that the Data Express frame can be installed into a 3.5" or 5.25" bay in the front of the computer.

> NOTE: To install the Data Express 50 (DE50) into a 5.25" bay, attach the Data Express frame to a DE50 5.25" adapter (may be sold separately) using four (4) M3 Phillips Pan Head screws (included).

b. Insert the Data Express frame into an open 3.5" or 5.25" computer bay.

c. Fasten the Data Express frame into place using the appropriate screws provided. Mounting holes are provided on the 5.25" adapter on each side and the bottom of the adapter bracket to accommodate a variety of mounting configurations in 5.25" bays.

d. Connect the SAS/SATA power cable from your computer to the rear of the Data Express frame.

e. Connect a SAS or SATA data cable to your computer's motherboard or host card. Then connect the other end to the rear of the Data Express frame.

1.2 Unit ID Number Selection

a. Make sure that the Data Express carrier is removed from the receiving frame.

b. Turn the Data Express frame on by inserting the included Data Express key into the key lock and turning the key 90 degrees counter-clockwise. A 'u' will be displayed on the Unit ID Number Indicator on the frame's LCD display.

c. Insert the provided alignment tool into the Unit ID Select Switch Slot, which is located just underneath the Unit ID Number Indicator. Rotate the tool to set the desired number. The following table lists the available Unit ID Select Switch settings.

Unit ID Select Switch Position	0	1	2	3	4	5	6	7	8	9
Unit ID Number Display	Blank	0	1	Blank	Blank	2	3	Blank	Blank	Blank

1.3 Drive Installation

a. Remove the four (4) M3 Phillips Flat Head screws from the sides of the Data Express carrier and set them aside.

b. Carefully remove the top cover and the drive carrier circuit board from the bottom plate assembly.

c. Attach the SAS/SATA connector of the drive carrier circuit board to the rear of a 2.5" SAS or SATA hard drive.

d. Turn the hard drive upside down and secure the bottom plate assembly to the bottom of the drive using the four (4) M3 screws provided.

e. Turn the drive/bottom plate assembly right-side up and attach the top cover to it using the four (4) screws you removed in Step 1.3.a.

2 Operating Your Data Express 50 Removable Enclosure

a. Insert the Data Express carrier into the Data Express frame. Push firmly until the carrier slides into place.

b. Turn the Data Express removable enclosure on by inserting the included Data Express key into the key lock and turning it 90 degress counter-clockwise.

Your Data Express 50 removable enclosure is now ready to use! If the hard drive is already formatted, it can be used right away. If the hard drive is brand new, or its format is not compatible with your computer, the drive will need to be formatted before being used.

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