

# RJR110 Ultra320 Install Guide

## Removable SCSI Ultra320 Drive Enclosures

**Note:** For applications requiring frequent drive swapping or replacement, CRU-DataPort recommends the rugged DataPort or Data Express removable enclosures for high insertion environments.

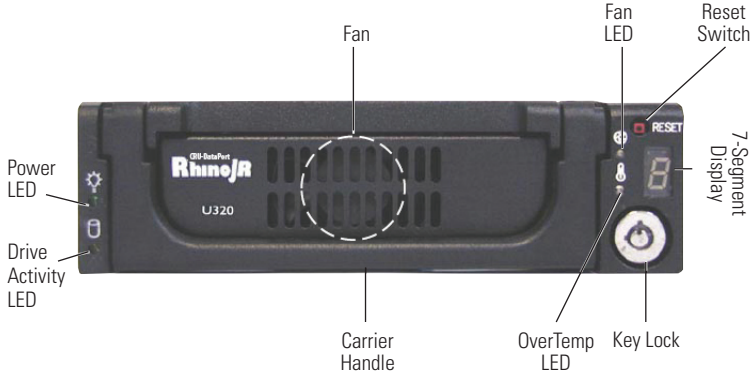


Figure 1: Front Panel

### Front Panel

**Unit ID Number Indicator:** This LED displays the SCSI ID of the SCSI drive carrier.

**Key Lock/Drive Power Switch:** The keylock/drive power switch performs three functions. The key switch assures proper seating of the drive carrier within the receiving frame, turns power to the drive carrier ON and OFF, and prevents unauthorized removal or installation of the carrier. For the computer to access data on the disk drive, the key must be turned counterclockwise to the locked position.

### LEDs:

Power - Steady glow indicates power ON.

Drive Activity- Steady glow indicates that drive is inserted and ready for access. Flashing indicates drive is being accessed.

Fan - Green indicates normal fan operation. Red indicates fan failure.

OverTemp - Flashing red indicates overtemperature conditions (default is 60° C). Audible alarm will also sound.

**Reset Switch:** This will reset OverTemp LED back to Green, as well as turn off audible alarm.

**Carrier Fan:** Front-mounted carrier fan provides enhanced heat dissipation (4.7 CFM).

### Rear Panel

**DC Power Connector:** Uses a standard 4-pin DC Power Connector to accept DC power.

**I/O Connector:** The input/output connector provides a standard interface for all Ultra320 signals.

**Cooling Fan:** Receiving frame fan provides enhanced heat dissipation (4.7 CFM).

**Unit ID Select Switch:** (See Figure 2) Allows user to select the ID number of the disk drive. Refer to table below for Unit ID hex reference.

DISPLAY (HEX)	UNIT NUMBER (10)	DISPLAY (HEX)	UNIT NUMBER (10)
0	0	8	8
1	1	9	9
2	2	A	10
3	3	b	11
4	4	C	12
5	5	d	13
6	6	E	14
7	7	F	15

### Installation

**NOTES:** A #1 and #2 Phillips screwdriver will be required for this procedure.

RJR110 supports implementations with a maximum of 2 drives per channel.

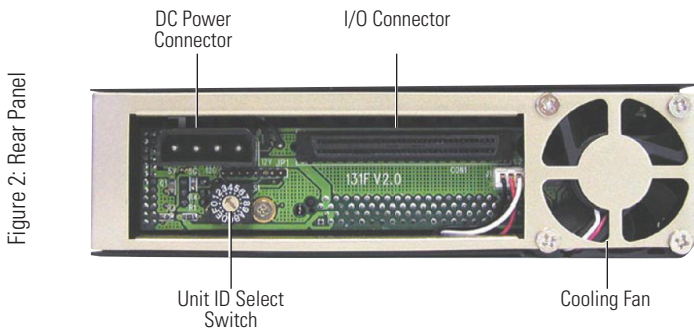


Figure 2: Rear Panel

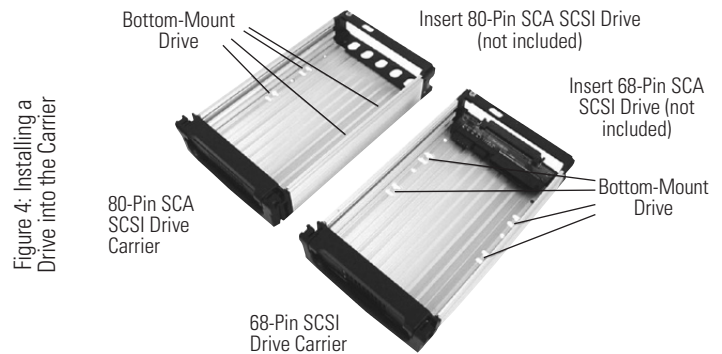


Figure 4: Installing a Drive into the Carrier

## 68-Pin SCSI Model

1. Remove cover from the carrier by turning screw clockwise. Slide the cover off carrier (Figure 3).
2. Carefully insert drive (not included) into the carrier. Slide the drive towards the rear of the carrier so that the drive connectors can mate with the carrier connectors. Once the drive and carrier are mated, turn the drive/carrier assembly over.
3. Bottom-mount the drive into the carrier with four (4) Phillips screws (Figure 4). Reinstall cover onto the carrier.

Secure the cover by turning the screw counterclockwise a few rotations only (too many rotations will remove the screw).

## 80-Pin SCA SCSI Model

1. Remove cover from the carrier by turning screw clockwise. Slide the cover off carrier (Figure 3).
2. Carefully insert drive (not included) into the carrier. Turn the drive/carrier assembly over.
3. Bottom-mount the drive into the carrier with four (4) Phillips screws (Figure 4). Reinstall cover onto the carrier.

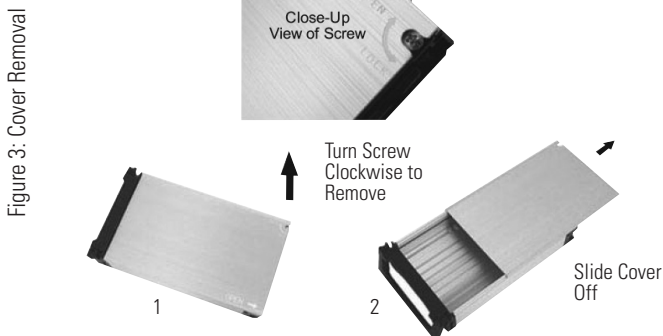


Figure 3: Cover Removal

## Product Warranty

CRU-DataPort (CRU) warrants the RhinoJR RJR110 to be free of significant defects in material and workmanship for a period of two 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.

## Certification

EMI Standard: FCC Part 15 Class B, CE  
EMC Standard: EN55022, EN55024

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

Register your product at [www.CRU-DataPort.com](http://www.CRU-DataPort.com).

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