Film-Tech

The information contained in this Adobe Acrobat pdf file is provided at your own risk and good judgment.

These manuals are designed to facilitate the exchange of information related to cinema projection and film handling, with no warranties nor obligations from the authors, for qualified field service engineers.

If you are not a qualified technician, please make no adjustments to anything you may read about in these Adobe manual downloads.

www.film-tech.com
Product Name: Data Express DX115 SAS/SATA 6G

Interface Types and Speeds: SATA: up to 6Gbps* 
SAS: up to 6Gbps*

Compatibility: 2.5-inch or 3.5-inch SATA hard drives

Operating System Requirements:
- Windows 8, 7, Vista, or XP
- Mac OS X 10.4.x or higher
- Linux distributions that support the connection type used

Torque: 2.5" hard drives, M3 screws: 4 inch-pounds max.

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

Shipping Weight: 3.8 pounds (includes accessories)

Product Dimensions: 5.81" x 8.06" x 1.62" (148mm x 205mm - 41mm)

Technical Support: We don't expect anything to go wrong with your CRU product but if it does, Tech Support is standing by and ready to help. Contact us at www.cru-dataport.com/support. We also offer phone support at 1-800-280-9880.

*For 6Gbps operation, a SAS or SATA 6Gbps controller and SAS or SATA 6Gbps hard drive are required.

Product Warranty
CRU-DataPort warrants the product to be free of defects in material and workmanship for a period of five years from the original date of purchase. CRU-DataPort warrants no further transferable warranty of the product.

Limitation of Liability
CRU-DataPort will only be liable for the repair or replacement of defective parts or components of the product. CRU-DataPort will not be liable for any incidental or consequential damages caused by the product, whether such damages are caused by the defective product or the product is returned in a damaged or dirty condition.

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.

1. Installation Steps

1.1 Frame Installation
a. Slide the DX115 frame into an open 5.25" drive bay on your computer.

b. Secure the frame to the chassis with the mounting screws provided.

c. Attach a SAS or SATA data cable to the SAS/SATA data connector on the rear of the frame. Attach the other end to the appropriate SAS or SATA port on the computer's motherboard.

d. Attach a Molex power connector to the rear of the receiving frame.

1.2 Hard Drive Installation
a. Push in on the ejection handle of the carrier to pop it out. Use the handle to remove the carrier from the frame.

b. Attach a 3.5" or 2.5" hard drive to the unified power and data connector inside of the carrier.

1.3 Operating Your DX115
a. Slide the DX115 carrier into the frame, then push the carrier handle in until it clicks.

Data Express™ DX115 SAS/SATA 6G Quick Start Guide

For the full user manual and more information about this product, please visit www.cru-dataport.com
b. Insert the included Data Express Key into the keylock and turning it 90 degrees clockwise to secure the carrier to the frame.

c. Press and hold the Power Button to power the unit on until the Drive Ready LED begins to flash and the hard drive inside begins to spin up.

NOTE: If the drive is already installed in the receiving frame before a system power up, you do not have to press and hold the switch to power on the drive.

When any hard drive is first used with the DataPort 25 Secure it will show up as a blank, unallocated drive and you'll need to format the drive inside the enclosure before you can use it. Note that formatting a drive will erase all data on the drive, so be sure to back up your data before beginning this operation.

1.4 Safe Carrier Removal

a. Turn off the computer or properly dismount the drive from the system. Disconnecting the unit without first unmounting the volume can result in data loss.

Mac Systems
Unmount the volume before powering down the unit by dragging the volume's icon to the trash bin, or by selecting the volume then pressing Command-E.

Windows Systems
Unmount the DX115 before powering it down by left-clicking the green arrow icon on the task bar (in Windows XP) or the USB plug icon with the green checkmark on the Desktop task bar (Windows Vista, 7, 8), and then selecting the proper device from the menu that pops up. You may have to click on the "Show Hidden Icons" arrow on the task bar to find the correct icon. Windows will indicate when it is safe to disconnect the DataPort 25.

b. Use the DataPort Key to turn the keylock 90 degrees counter-clockwise to unlock and power off the unit.

c. Push the eject button below the keylock once to release the button, and again to eject the carrier.

2 Identifying the Parts of Your DX115 6G

2.1 Front Bezel

- Carrier Handle
- Key Lock
- Drive Ready/Error LED
- Drive Activity LED
- Fan Error LED
- Disable Switch
- Power Switch

Figure 1 - DX115 Front Bezel

Click-to-plate

3 Other Configuration Options

3.1 LED Activity

<table>
<thead>
<tr>
<th>LED Name</th>
<th>Color</th>
<th>State</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drive Ready/Error</td>
<td>Blue/Red</td>
<td>Flashing Blue</td>
<td>Drive is inserted and powering up.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Solid Blue</td>
<td>Drive is powered on and ready for access.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Flashing Red and Blue</td>
<td>Fan failure. Please contact Technical Support.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Solid Red</td>
<td>DC power failure. Please contact Technical Support.</td>
</tr>
<tr>
<td>Drive Activity</td>
<td>Amber</td>
<td>Flashing</td>
<td>Indicates when the host computer is accessing data on the drive.</td>
</tr>
</tbody>
</table>

*Some SATA PC systems/host controllers provide support for the Drive Activity LED feature (refer to the SATA PC system/host controller manufacturer's documentation for further information). The Drive Activity LED can be enabled via host connection (cable not included) to Pin 1 located on Receiving Frame Motherboard (Figure 2). Refer to the SATA PC system/host controller manufacturer's documentation for further information.

3.2 Fan Error LED Disable Switch

This switch (see Figure 1) allows the user to disable the Fan Error LED (insert a paper clip or similar object to activate switch). CRU-DataPort recommends replacing a faulty fan immediately. Contact Technical Support to obtain a new fan.