

EditBOX

EB4FR

Quick start guide

Multi-Interface RAID Storage with **RAID-5** Data Protection

EB4FR

1

Welcome

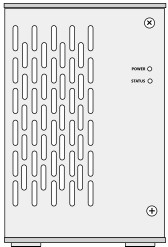
Thank you for choosing Proavio

Thank you for buying editBOX EB4-FR, the first professional FireWire RAID-5 storage solution designed for high resolution digital media production, and general high performance storage requirements.

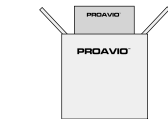
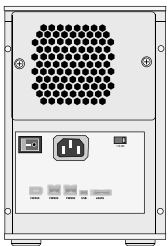
2

What is in the box?

Carefully unpack your EB4-FR storage system, and inventory the accessories according to your model type.



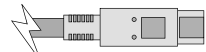
EB4FR RAID-5 Disk Array - Qty 1



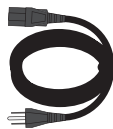
Double-box Package - Qty 1



Hot-swap Disk Trays - Qty 4



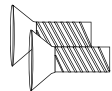
FireWire800 Cable - Qty 1



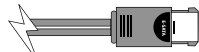
Standard IEC Power Cable - Qty 1



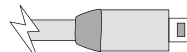
HDD Key Set - Qty 2



HDD Mounting Hardware - Qty 16



E-SATA Cable - Qty 1



USB2.0 Cable - Qty 1

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Disk Installation

If your EB4-FR was purchased with capacity, please skip this section and immediately go to section 4. If your EB4-FR was purchased without disks, install each disk into the provided disk trays and fasten using the supplied hdd screws. Do not use any other mounting screws other than the ones provided with your EB4-FR. System or disk damage may occur if using non-approved mounting hardware. Do NOT insert the disk modules into the array at this point.

Hard Disk



Disk Tray



NOTE: Push right to unlock

Figure 1.

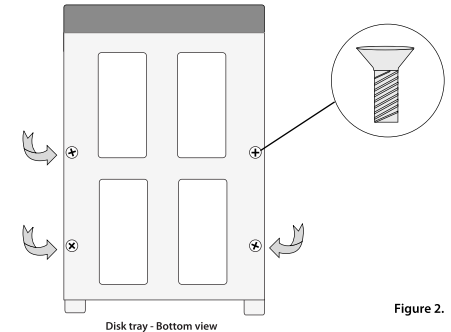


Figure 2.

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Power-on Your EB4-FR

Before you power-on your EB4FR, please adjust the universal power selector according to your region. North America should be set to 115v. Failure to do so will damage your EB4FR. After fastening each disk module, power-on your EB4-FR.

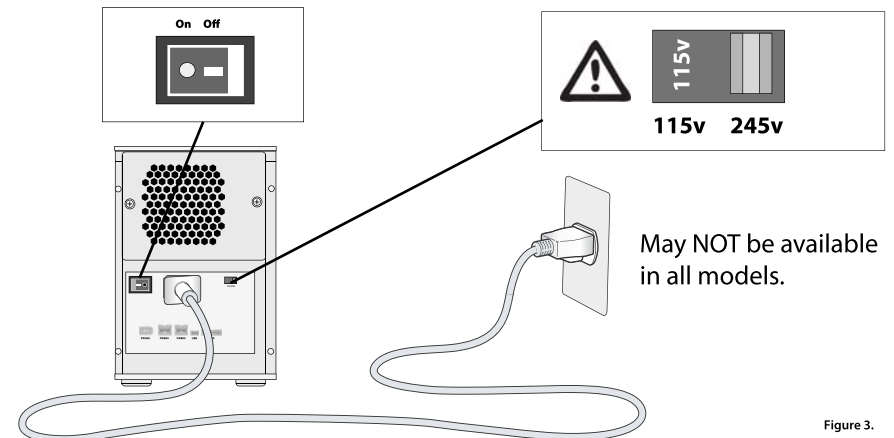


Figure 3.

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Install the Disk Modules

Now install each disk tray one at a time, ensuring each disk is firmly installed by gently pressing the disk tray handle until it clicks into place. Follow this process for the remaining three disks. After inserting all the disk modules, lock the bays using the keyset provided. This will eliminate chance of accidentally removing the disks while the system is operating.

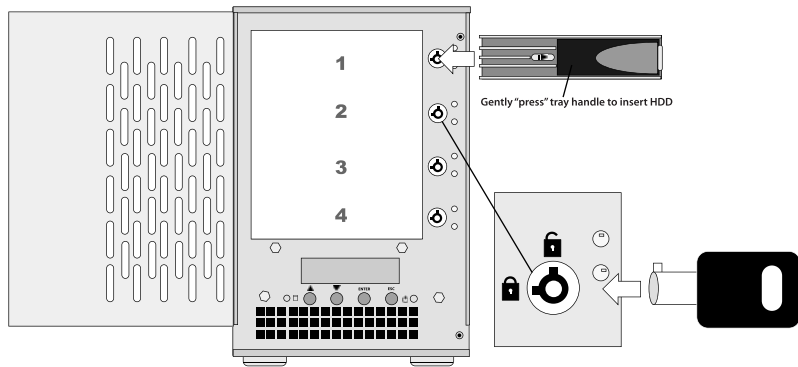


Fig 5.

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Preparing the Array for Configuration

After power-on, your EB4-FR will display a message asking if you would like to Re-initialize the RAID array. Re-initializing the array will destroy any data residing on the disks. Do NOT select this feature if you have already created an array or have valuable data on the array. For new installations select the Re-init feature by pressing the "UP" arrow button on the left.

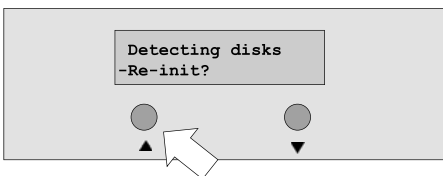


Figure 4.



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Create a RAID Array

You will be presented with the option to "Initialize" a new RAID5 group using a total of 4 disks. To continue with the operation press the "UP" arrow button on the left. To exit the menu without "Re-initializing" press the "DOWN" arrow button on the right.

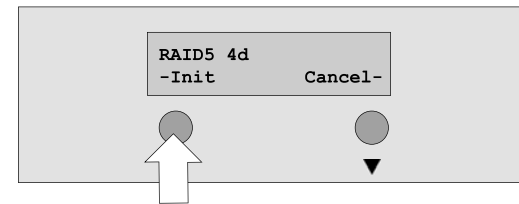


Figure 6.

NOTE: Do NOT initialize if you have already created a RAID group. Doing so will erase all existing data on disks.

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RAID Array Initialization

The EB4-FR will automatically begin to initialize the array to RAID level 5 with data protection. Once completed your EB4FR is active and ready to format on your host computer. EB4FR supports both Mac OS and Windows-based computer systems.

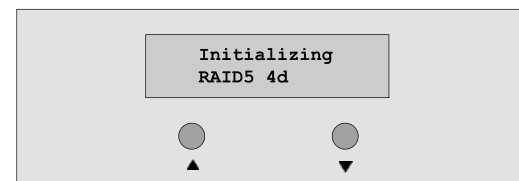
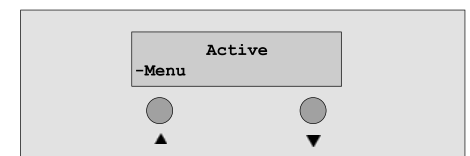


Figure 7.

NOTE: Depending on the capacity of your array. The initialization process may take several minutes. Please allow plenty of time for this process. Never turn off your EB4-FR while initializing the array.



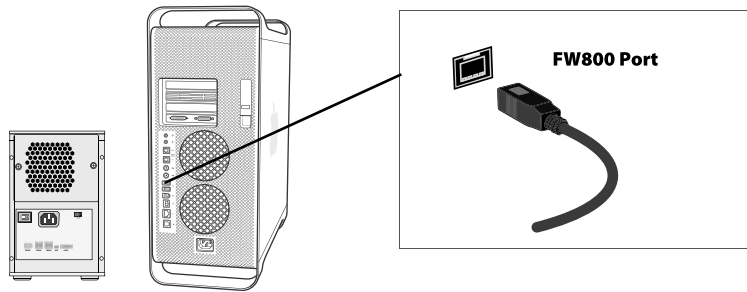
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9 Connecting to Your Computer

Connect a FireWire800 cable from your EB4-FR to any of the available data ports on your host computer. A quality FW800 has been included with your EB4-FR for your convenience.

Figure 8.



10 Connecting to Your Computer - Cont'd

Your EB4-FR can be connected to a Mac or Windows-based workstations through a choice of small computer interface connections such as FW400, FW800, High-speed USB2.0 and eSATA.



NOTE: The EB4-FR features a multi-interface design with FW800, FW400, eSATA and USB2.0. Do not connect two ports at the same time. Doing so may cause your EB4-FR to function incorrectly. Always select one interface port at a time.

Figure 9.

11 Format Volume for Mac OS

Please refer to your computer's documentation for detailed information on formatting & preparing volumes for use.

To format the drive for Mac OS X

1. Go to the Applications folder on your system hard drive.
2. Open the Utilities folder.
3. Double click on the Disk Utility Program.
4. Find the drive in the left hand window and select the drive.
5. Click on the Partition tab.
6. Under Volume Scheme select 1 Partition
7. Type a name for the drive in the box provided.
8. Select Mac OS extended under the format options.
9. Click on Partition in the Partition dialog box
10. The drive will be formatted and mounted on the desktop.



NOTE: If you wish to use the drive on PC and Mac systems we recommend leaving the drive formatted as Mac OS Extended and installing a program such as MacDrive (www.mediafour.com) on the PC systems so that PC read and work with the Mac OS Extended format.

12 Format Volume for Windows XP/Vista

Please refer to your computer's documentation for detailed information on formatting & preparing volumes for use.

To format the drive for Windows XP

1. Click on Control Panel, Performance & Maintenance, Administrative Tools.
2. Click on the Computer Management icon.
3. Click on the Disk Management Icon.
4. Right click on the new drive's icon in the right hand window.
5. Select the Format option, click yes in warning window.
6. Type a name for the drive under volume label.
7. Select perform quick format option.
8. Click OK in format warning box.
9. The drive will be formatted and available in My Computer & Windows Explorer.

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Troubleshooting

This section covers some common support questions. If you are experiencing an urgent issue, please contact your dealer or visit us online at www.proavio.com

Connection Problems:

Always double check for loose cable connections or improperly seated disks if you experience problems where a disk or volume does not appear in your computer, or you receive an error message stating a disk missing when you have the drives configured as a RAID set.

1. Disconnect the data cables and reconnect the cable, ensuring the connector is inserted securely in your EB4-FR.
2. Make sure the connector is properly secured on your FireWire port.
3. Check your EB4-FR's drive presence LEDs, located on the front panel of your array. If the LEDs are not lit, power down your EB4-FR, remove the disk and reinsert the disk module. After re-inserting the the disk, power-on your EB4-FR.



If the problem persists, please contact your dealer or contact Proavio's support department at 562-324-6500

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Troubleshooting - Cont'd

This section covers some common support questions. If you are experiencing an urgent issue, please contact your dealer or visit us online at www.proavio.com

Disk Capacity Problems:

Your EB4-FR features a next generation Oxford FireWire chipset. This chipset offers support for hard disk capacities up to 1.5TB per disk.

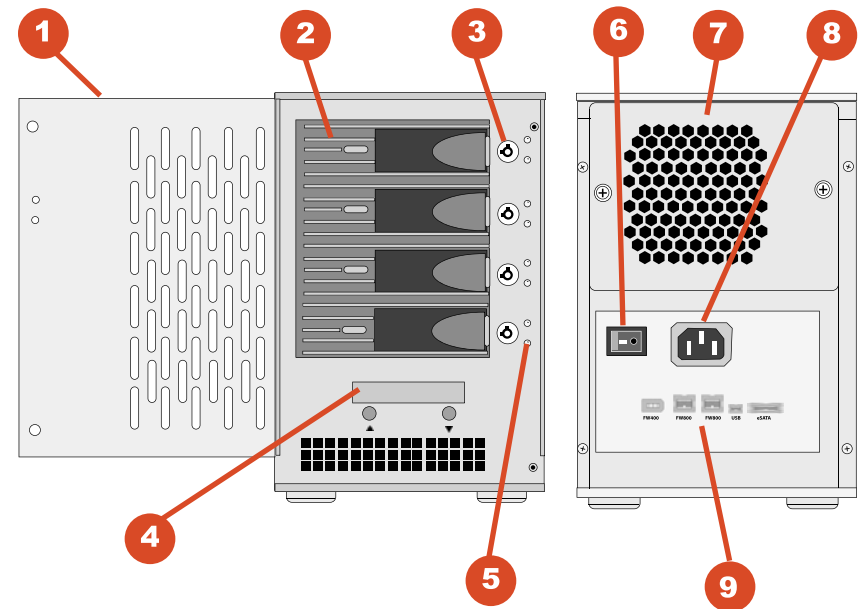
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eSATA Interface Overview

Introduction to eSATA Cable Connectors

Your EB4-FR is equipped with industry standard eSATA interface port. Never try to use a SATA cable with an eSATA port. Doing so may damage the eSATA connector on your EB4FR.



Key Features

1. System Door with Thumbscrews
2. Removable Disk Trays
3. HDD Security Locks
4. Back-lit LCD Panel /RAID Controller Control Panel
5. HDD Power/Status/Activity LEDs
6. On/Off Power Switch
7. Removable Fan Module
8. AC Power Connector
9. Quad-interface Data Ports (FW400/FW800/USB2.0/E-SATA)

Figure 10.

Three (3) Year Limited Warranty

WARRANTY COVERAGE

Proavio's warranty obligations are limited to the terms set forth below:

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