rocketfish™

2.5" SATA Hard Drive Enclosure Kit

Rocketfish RF-AHD25 2.5" Hard Drive Enclosure Kit

Contents

Introduction

Congratulations on your purchase of the Rocketfish RF-AHD25 SATA Hard Drive Enclosure Kit. You can install a high-speed SATA hard drive into this enclosure and connect it to a computer using either a USB 2.0 or eSATA port. This kit offers a backup function, allowing you to backup, restore, and synchronize your data.

Safety information

- Always read these safety instructions and this *User Guide* carefully. Keep this *User Guide* for future reference.
- Take precautions to avoid static electricity discharge or short circuits when connecting this enclosure to your computer.
- Do not use this enclosure close to water, rain, or high humidity.
- Do not use or store this enclosure in damp locations. Liquid entering this enclosure may cause damage or lead to fire or electric shock.
- Do not leave any metal objects inside the enclosure when installing the hard drive.
- Do not place anything heavy on top of this enclosure.
- Do not drop or subject this enclosure to shock.
- Do not place this enclosure close to a source of strong magnetic fields (such as a computer monitor, television, radio, or speaker). Strong magnetic fields can affect the reliability of data transfer to and from the enclosure's hard drive.

Features

- Supports 2.5" SATA interface hard drive.
- Connects to a computer using either an eSATA or USB 2.0 host port.
- Supports Serial ATA II transfer rate of 3.0 Gb/s.
- One-button backup to easily backup, restore, and synchronize data between your Windows PC and the enclosure in USB mode.
- Has one *power on with backup active* indicator.
- Rapid heat dissipation.
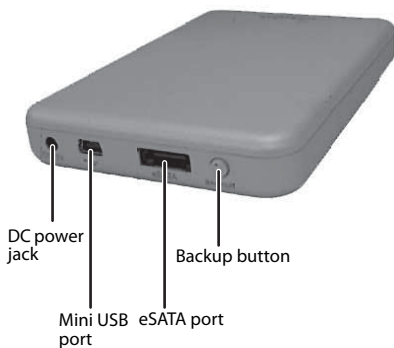- Supports Plug-and-Play and is hot swappable.

Package contents

- 2.5" SATA hard drive enclosure
- USB cable
- eSATA cable
- Two CDs
- Quick Setup Guide
- 5 Volt/1 amp AC adapter
- An extra swappable cover plate
- Carrying bag
- Accessories:
    - Screwdriver
    - 4 screws

System requirements

- PC or Macintosh with an available USB 2.0 port or eSATA port
- Microsoft Windows 2000, Windows XP, Windows Vista, or Windows 7 operating system or Mac OS X version 10.3 or higher operating system
- 2.5" SATA hard drive

Identifying components
Front

DC power
jack

Mini USB eSATA port
port

Backup button

Back

Switch lock

Status indicators

Operation mode	Led	Description
Starting mode	Solid	The hard drive is turned on.
Active mode	Flashing	Data is being transmitted between your computer and the hard drive.
Disconnect mode	Off	The hard drive is turned off.

Using the hard drive enclosure

Installing your hard drive in the enclosure

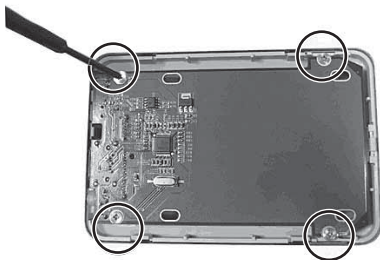Read these safety precautions before you install your hard drive in the enclosure:

- Use only the accessories provided in the accessory package.
- Always unplug the AC adapter before installing the hard drive.
- Do not use a power supply with a different voltage rating.
- Make sure that you first touch an unpainted, grounded metal object to discharge any static electricity stored on your clothing or body before touching any electronic components.
- Handle the printed circuit board (PCB) edges only. Avoid touching the onboard electronic components.

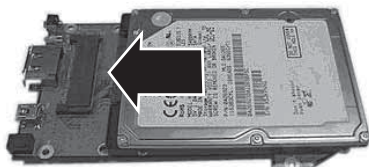### To install your 2.5" SATA hard drive in the enclosure:

1 Move the switch lock from the locked to the unlocked position, then open the case.

2 Remove the four screws from the printed circuit board and remove the circuit board from the enclosure.

3 Securely connect the drive to the SATA connector on the printed circuit board.

4 Secure the drive to the bottom of the printed circuit board with the four provided screws.

5 Return the printed circuit board to the enclosure, with the hard drive facing down, then secure it with the four screws you previously removed.

6 Insert the tab from the top of the enclosure into the slot and snap the lid into place. Then slide the switch to the locked position.

Tab

Slot

Connecting the enclosure to your computer

Before connecting your external storage enclosure:

- Confirm that your system supports SATA. If your system does not support SATA, please install an eSATA host card.
- Confirm that the eSATA port on your system is working properly. If not, please refer to your computer manufacturer for assistance in getting the eSATA port to work properly.
- To enable auto mount for SATA, your system must support Plug and Play.

Notes:

Connect the enclosure with to your computer, either through a USB or eSATA connection. If you are using an eSATA connection, the AC adapter is required.

The enclosure provides USB and eSATA dual interface for host connectivity. The high-speed eSATA port has priority over the USB port when both are connected at the same time.

Important: For new hard drives, you need to initialize and partition your hard drive before it will appear in Windows Explorer or on your Mac desktop. Please refer to your hard drive manufacturer's documentation or read " Creating A New Partition " section of this manual on page 20.

To connect the enclosure to your computer:

  1 Plug one end of a USB 2.0 cable or eSATA cable to the enclosure, then plug the other end of the cable to your computer.

  2 Plug one end of the power adapter into the enclosure, then plug the other end to an AC outlet if you are using eSATA mode.

   The operating system automatically detects and sets up the new drive.

Note: Some motherboards do not support eSATA hot-plug and play function. If your motherboard does not, follow these steps to set up your RF-AHD25:

1. Shut down your computer.

2. Turn on your RF-AHD25, then connect it to your computer.

3. Power on your computer.

Notes:

Windows 2000/XP/Vista/7

No drivers are necessary when using Windows XP/2000/Vista. If the hard drive does not appear in My Computer, be sure to partition your hard drive.

Mac OS X 10.3 or higher

No drivers are necessary when using Mac OS X 10.3 or higher. If the hard drive does not appear on the desktop, be sure to partition your hard drive.

Disconnecting the enclosure from your computer

To disconnect the enclosure from your Windows computer without shutting it down:

Note: *If a drive window is open or the hard drive enclosure is active, close any associated windows before attempting to remove the enclosure.*

1 Left-click the **Hot plug** icon (located in the notification area of taskbar where your usually see the time displayed).

2 Select the drive you want to unplug, then click **STOP**.

3 When Windows notifies you that it is safe to do so, unplug the enclosure from your computer.

To disconnect the enclosure from your Macintosh computer without shutting it down:
1 Drag the USB icon into the **TRASH**.
2 Unplug the enclosure.

Installing the software

The installation CD includes backup software to enable you to back up your files.

> *Note: This Roxio BackOnTrack software runs only on Windows 7, Windows Vista, and Windows XP computers using USB.*

> *Important: Before installing the backup software, make sure that your Windows operating system has been updated to the latest service pack. To make sure you have the latest service pack, run Windows Update. No additional driver is required.*

To install Roxio BackOnTrack:
1 Save all files and close all programs.
2 Insert the included CD into your optical drive. The introductory screen opens.

   Or, if the screen does not open, double-click the **autorun.exe** file on the CD.

3 Click **Install Roxio® BackOnTrack™ 3 LE**. The *Welcome* screen opens.

4 Click **NEXT**. The *Roxio End-User License Agreement* screen opens.

5 Read the license agreement, then click **NEXT** to agree. The *Customer Information* screen opens.

6 Enter your information, then click **NEXT**. The *Choose Setup Type* screen opens.

Roxio BackOnTrack Setup

Choose Setup Type

Choose the setup type that best suits your needs

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Typical
Installs the most common program features. Recommended for most users.

Custom
Allows users to choose which program features will be installed and where they will be installed. Recommended for advanced users.

Complete
All program features will be installed. (Requires most disk space)

[< Back] [Next >] [Cancel]

7 Choose the setup type, then click **Install** to start installation. It may take several minutes to install the software.

8 When installation is complete, the *Setup Wizard Completed* screen opens.

9 Click **FINISH** to complete the installation.

Using your enclosure

Starting Roxio BackOnTrack

To start Roxio BackOnTrack:

1 Press the backup button (the button with the Rocketfish logo on it) on the front of the enclosure.

Or, click **Start**, **BackOnTrack**, then click **BackOnTrack Home**.

The first time you run the software, the *Product Registration* screen opens.

2 Complete the Product Registration information as prompted (first time only). The main screen opens.

3 To back up or restore files, follow the on-screen guide. For help, press **F1** or click **Help**.

Appendix

Creating A New Partition

Note: The best way to partition a new hard drive is by using the manufacturers program. Most hard drives should come with a CD that includes its installation program. If not, visit the manufacturer's website to see if a download is available.

If the manufacturers program is not available, try the following instead:

Caution: Doing the following will erase any existing data on the drive. If the drive is damaged and you wish to recover the data, continuing may overwrite the existing information!

Creating a new partition in Windows 2000/XP/Vista/7

To create a new partition in Windows 2000/XP/Vista/7:

1 Right click on "My Computer" and choose **Manage**.
2 Under "Storage" on the LEFT pane, select **Disk Management**.
3 Windows should now give you the option to initialize the disk. If not, locate the new drive, right click on the new disk (where it reads "Disk #") and choose Initialize. (This step may not be required for some hard drives.)
4 Go through the wizard.
5 Once complete, locate your hard drive in the bottom right pane. Right-click on the area with a status bar (to the right of the "Disk #" area) and choose **New Partition**.
6 Follow the directions of the wizard. The recommended partition type is "primary" and the recommended file system is "NTFS." Please note that Windows XP/2000 limits FAT32 partitions to only 32GB.
7 Once complete, you should now be able to see the drive in Windows Explorer.

Creating a new partition in Mac OS X 10.3 or higher:

To initialize a Hard Drive:

If you are using a new hard drive, you may need to initialize it first. Initialize your internal hard drive using Drive Setup from the Mac OS CD that came with your computer.

1 Start up your computer from the Mac OS CD.

2   Locate the Utilities folder on the Mac OS CD and
    double-click it to open the folder.

3   Double-click the Drive Setup icon to open the program.

4   In the list of drives, select the drive you want to initialize.

5   Click Initialize.

To format your hard drive with Mac OS Extended format:
This method of formatting hard drives that allows for more
efficient use of hard drive storage space.

1   Click **Custom Setup**.

2   Select the desired partitioning scheme.

3   Open the Type pop-up menu in the Volume Info area and
    choose Mac OS Extended Format.

4   Resize the volumes if desired.

5   When ready, click **OK**.

6   Click **Initialize**.

If initialization fails, do the following:
1   Choose Initialization Options from the Functions menu.

2   Click the checkbox next to "Low level format", then click
    OK. Choosing this option adds significant time to the
    initialization process.

To format the Hard Drive:
1   Start the Disk Utility tool (under Applications).

2   Select the new hard drive you are trying to install.

3   Click the Erase tab.

4   Choose a volume format and assign a name to the new
    drive.

5   Click **Erase**.

6   Once complete, your new hard drive should be mounted
    on your desktop.

Note: If the hard drive will not mount on your system, format the drive with a FAT32 or NTFS partition first through a PC system. Once formatted, connect the [name of enclosure] to your Mac and run the Disk Utility tool again. You should now be able to format the drive into a Mac partition and mount the drive

Troubleshooting

I do not see the additional drive in my system

- If connecting with eSATA, confirm that the eSATA port on your system is working properly. If not, please refer to your computer manufacturer for assistance in getting the eSATA port to work properly.
- For new hard drives, you need to initialize and partition your hard drive before it will appear in Windows Explorer or on your Mac desktop. Refer to your hard drive manufacturer's documentation or "Creating A New Partition" on page 20.
- Your computer may not be able to recognize the partition on the hard drive because it is damaged or not a valid format. Refer to "Creating A New Partition" on page 20. for information on how to create a useable partition on your drive.

My computer does not detect the enclosure

- Check the power adapter and make sure the adapter is working.
- Make sure all of the cables and plugs are securely fastened.
- Make sure that the SATA cable or the USB cable is connect firmly to your enclosure and computer.
- Make sure the USB cable or eSATA cable is not broken.
- Open the enclosure and make sure that all the connections are securely fastened.
- Try using the rear USB ports on the back of the PC instead of the front USB ports.
- Check for motherboard compatibility issues.
- Check for hard disk drive compatibility issues.

There is a USB icon in the system tray, but I can't find the hard disk in "MY COMPUTER".

- Make sure the HDD has been initialized and partitioned before hardware installation. Refer to "*Creating A New Partition*" on page 20.

Specifications

Specifications are subject to revision or update without notice.

Hard drive type	2.5"SATA hard drive up to 500 GB
Dimensions	0.66 × 5.19 × 3.42 inch (1.7 × 13.2 × 8.7 cm) D × L × W
Interface to device	SATA
Interface to computer	USB 2.0/eSATA
Connectors/buttons	• Backup button • DC power jack • Five-pin mini USB port • eSATA port
Power supply	DC 5V/1A
Support power modes	Self-power and bus power
Indicators	One power on with backup active indicator
OS compatibility	• Windows 2000 • Windows XP • Windows Vista • Windows 7 • Mac OS X 10.3 or higher
Operating temperature	32°F~104°F (0°C~40°C)
Operating humidity	20% ~ 80% RH
Certification	FCC Class B, ICES-003

Legal notices

FCC Part 15

This device complies with Part 15 of the FCC Rules. Operation of this product 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 within 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 in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced technician for help.

FCC warning

Changes or modifications not expressly approved by the party responsible for compliance with the FCC Rules could void the user's authority to operate this equipment.

Canada ICES-003 statement

This Class B digital apparatus complies with Canadian ICES-003.

One-year limited warranty

Rocketfish Products ("Rocketfish") warrants to you, the original purchaser of this new **RF-AHD25** ("Product"), that the Product shall be free of defects in the original manufacture of the material or workmanship for one (1) year from the purchase of the Product ("Warranty Period"). This Product must be purchased from an authorized dealer of Rocketfish brand products and packaged with this warranty statement. This warranty does not cover refurbished Product. If you notify Rocketfish during the Warranty Period of a defect covered by this warranty that requires service, terms of this warranty apply.

How long does the coverage last?

The Warranty Period lasts for one year (365 days), beginning on the date you purchased the Product. The purchase date is printed on the receipt you received with the product.

What does this warranty cover?

During the Warranty Period, if the original manufacture of the material or workmanship of the Product is determined to be defective by an authorized Rocketfish repair center or store personnel, Rocketfish will (at its sole option): (1) repair the Product with new or rebuilt parts; or (2) replace the Product at no charge with new or rebuilt comparable products or parts. Products and parts replaced under this warranty become the property of Rocketfish and are not returned to you. If service of Products and parts are required after the Warranty Period expires, you must pay all labor and parts charges. This warranty lasts as long as you own your Rocketfish Product during the Warranty Period. Warranty coverage terminates if you sell or otherwise transfer the Product.

How to obtain warranty service?

If you purchased the Product at a retail store location, take your original receipt and the Product to the store you purchased it from. Make sure that you place the Product in its original packaging or packaging that provides the same amount of protection as the original packaging. If you purchased the Product from an online web site, mail your original receipt and the Product to the address listed on the web site. Make sure that you put the Product in its original packaging or packaging that provides the same amount of protection as the original packaging.

Where is the warranty valid?

This warranty is valid only to the original purchaser of the Product in the United States, Canada, and Mexico.

What does the warranty not cover?

This warranty does not cover:
- Customer instruction
- Installation
- Set up adjustments
- Cosmetic damage
- Damage due to acts of God, such as lightning strikes
- Accident
- Misuse
- Abuse
- Negligence
- Commercial use
- Modification of any part of the Product, including the antenna

This warranty also does not cover:
- Damage due to incorrect operation or maintenance
- Connection to an incorrect voltage supply
- Attempted repair by anyone other than a facility authorized by Rocketfish to service the Product
- Products sold as is or with all faults
- Consumables, such as fuses or batteries

- Products where the factory applied serial number has been altered or removed

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Contact Rocketfish:

For customer service please call 1-800-620-2790
www.rocketfishproducts.com

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