

# USB 2.0 Dual 3.5" SATA JBOD Enclosure

SAT3520U2



**INFO SAFE**

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## **FCC Compliance Statement**

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 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 radio/TV technician for help.

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# Introduction

Thank you for purchasing an InfoSafe USB 2.0 Dual 3.5" SATA JBOD hard drive enclosure. The perfect solution for maximizing add-on storage capability, SAT3520U2 allows two 3.5" SATA / SATA II drives to be installed within the enclosure for operation as two distinct drives or as one large (concatenated) drive - making it ideal for a broad range of applications.

## Features

- Supports almost any Universal fitting for 3.5" SATA I/II HDD hard drives
- Hot swappable, with USB plug and play interface
- Backward compatible with USB version 1.1
- Easily configured for drives to operate under JBOD mode, or BIG mode (concatenated)

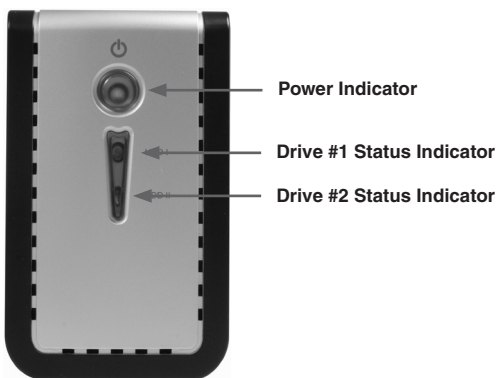
## Package contents

This package should contain:

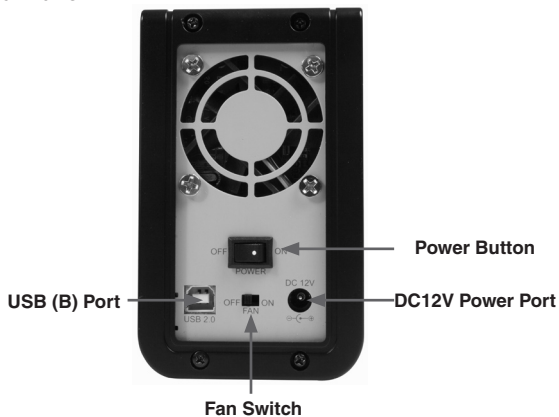
- 1 x External Enclosure
- 1 x Instruction Manual
- 1 X Mounting Stand
- 1 x Power Adapter
- 1 x Screw Kit
- 1 x USB Cable

# Hardware Guide

## Front Panel



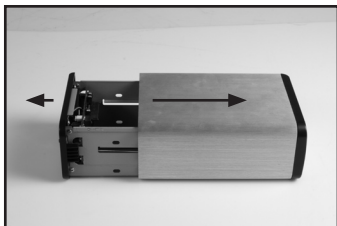
## Rear Panel



# Installation

## Installing Drives in the Enclosure

1. Remove the screws holding the rear panel in place, then slide the rear panel out from the enclosure:



2. Place the 3.5" SATA hard drive into the tray, then slide it forward until the drive interface is firmly connected to the SATA connector on SAT3520U2.

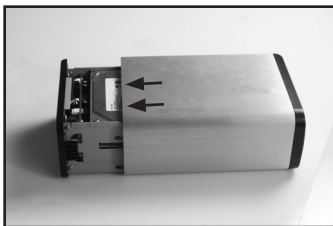
Repeat this step with the second 3.5" SATA hard drive, using the remaining tray.



- Secure the drives to the Enclosure tray, using the provided screws:



- Replace the Enclosure tray (with drives attached) into the Enclosure:



- Secure the Enclosure tray within the Enclosure, using the screws removed in step 1:



## Operating Modes

Once the drives have been installed in the Enclosure, the Enclosure can be connected to the host computer using a USB 2.0 cable (included). When SAT3520U2 is powered following installation, you may wish to format the drives as necessary. SAT3520U2 supports two methods of operation, JBOD and BIG:

### JBOD Mode (Default)

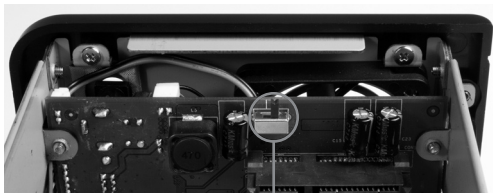
This mode of operation enables each hard drive to be seen separately as single drives. Drives can be formatted as they would if installed separately.

### BIG Mode

This configuration concatenates the installed hard drives as a single large volume; Hard drives A and B, for example, are combined into a storage capacity that is equal to the sum of each of the physical hard drives (A and B).

To use BIG Mode, turn off the power to the SAT3520U2 Drive enclosure, then open the casing enough to expose the small switch located just above the top SATA Power/Data Connector. Press the switch to the right, for SAT3520U2 to enter BIG Mode, then replace the enclosure cover and restore power to the enclosure. The operating system will now display a single drive.

Please note that the drives may need to be formatted in the Windows Disk Management Utility, before they are properly recognized as a single drive.



Press the switch to the right to enter BIG mode.

# Specifications

<b>Connectors</b>	<b>Internal:</b> 2 x SATA 7-pin (Data) 2 x SATA 15-pin (Power) <b>External:</b> 1 x USB (type B) 2.0 1 x 12V Power
<b>Maximum Data Transfer Rate</b>	480Mbps
<b>Regulatory Certifications</b>	CE/FCC/RoHS/TUV/UL
<b>Product Weight</b>	1 kg (2.22 lb )
<b>Product Dimensions (W x H x L)</b>	74mm (2.91") x 75mm (2.95") x 199mm (7.83")
<b>Power</b>	12V DC 4.2Amp

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