Simplecom®

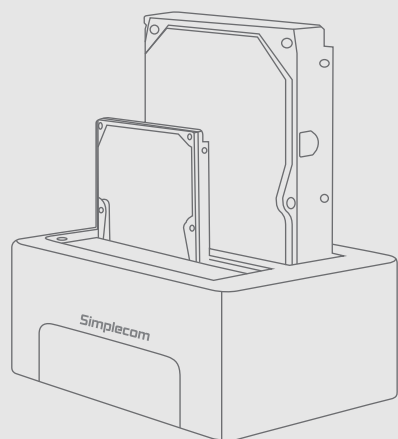## SD422 Dual Bay USB 3.0 Docking Station for 2.5" and 3.5" SATA Hard Drive

User Manual

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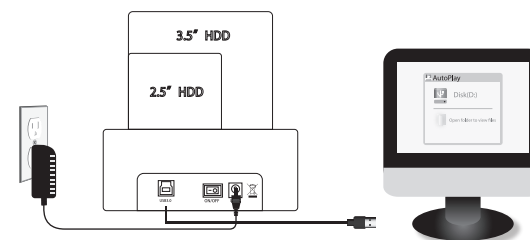## Simplify Your Life

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Introduction

SD422 is a dual bay SATA docking station designed to support two 2.5" or 3.5" SATA drives simultaneously. It provides a simple, fast and efficient solution for data recovery, drive imaging, and service centers, or any home and work environment that requires fast access to uninstalled/archived SATA drives. With USB 3.2 Gen 1 (formerly known as USB 3.0) interface, you can take advantage of super speed data transfer rate up to 5Gbps.

SD422 can be connected to a computer via USB for use as an external hard drive dock, with Multi-LUN Support, 2 SATA slots will show separate drive letters, so you can access data from 2 SATA slots simultaneously, you can also copy files from one drive to another drive easily. It also can be also used as a standalone duplicator dock when not connecting USB to a computer and lets you clone an existing hard drive without the use of a host computer.

Installation

1. Connect the power adapter to the Hard Drive Dock
2. Connect the USB 3.0 Cable to Computer USB port
3. Insert 2.5" or 3.5" SATA Drive into the SATA slot
4. Switch on the Hard Drive Dock and it is ready to use

Features

- Designed for direct insertion of two 2.5 inch or 3.5 inch SATA drives
- USB 3.2 Gen 1 (USB 3.0) Interface, transfer rates up to 5Gbps
- Backwards compatible with USB 2.0, transfer rates up to 480Mbps
- Multi-LUN Support, separate drive letters for 2 SATA slots
- LED light indicates Power and Activity status
- Hot-swappable, plug and play, no drivers needed
- Support UASP (USB Attached SCSI Protocol)
- Support offline clone, standalone duplicating without host computer

Specifications

- Model: SD422
- Interface: USB 3.2 Gen 1 (USB 3.0) up to 5Gbps
- Material: ABS Plastic
- SATA Slots Support: two 2.5" or 3.5" SATA HDD or SSD
- Offline Clone Support: Yes
- Multi-LUN Support: Yes (separate drive letters for 2 SATA slots)
- DC Input: 12V3A
- Dimension: 152x109x62mm (LxWxH)
- Operating System Support: Windows XP and above, Mac OS 10.4 and above
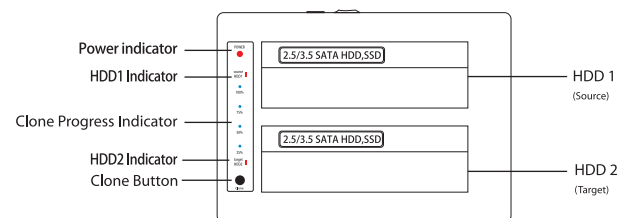
Package Contents

- 1x USB 3.0 Dual Bay SATA Docking Station
- 1x USB 3.0 Cable
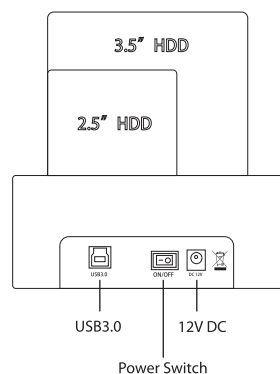- 1x Power Adapter
- 1x User Manual

System Requirement

- Available USB 3.0 for Superspeed data transfer
- Operating Systems: Windows XP and above (32/64-bit), Mac OS X10.4 and above, Linux

Product

- **Front**

Power indicator
HDD1 Indicator
Clone Progress Indicator
HDD2 Indicator
Clone Button

2.5/3.5 SATA HDD,SSD
2.5/3.5 SATA HDD,SSD

HDD 1 (Source)
HDD 2 (Target)

- **Interface**

3.5" HDD
2.5" HDD

USB3.0   12V DC
Power Switch

Offline Clone

a) Switch off the dock, unplug the USB cable from computer

b) Insert the HDDs to "HDD-1"&"HDD-2", HDD-1 is the source HDD to be cloned, HDD-2 is the target HDD to cloning

c) Switch on the dock, press the Clone Button 2 times, Clone will start and Clone Progress Indicators will start blinking from 25%

d) Clone in progress: 25%, 50%, or 75% Indicators will blink according clone progress

e) Clone finished when 100% Indicator is constant on

f) Switch off the power after clone finished, then you can take out HDDs, please be careful the hot surface of HDDs due to long time cloning process

Important Note

1. Please backup any important data before cloning process
2. Target HDD (HDD-2) capacity must be equal or larger than Source HDD (HDD-1)
3. USB cable must be unplugged when clone in progress
4. Please do not move HDDs or disconnect power when clone in progress
5. Press the clone button for 3 seconds enter clone mode
6. Cloning time depends on the HDD size (Not Data Size)
7. Please be careful the hot surface of HDDs after clone finished
8. Please note offline clone is hardware level copy, and no matter data size on the source HDD, it will copy from first sector to last sector of entire hard drive. (e.g. 80GB HDD will take around 30 mins, 500GB HDD will take around 3 hours and no matter how much data on source HDD)

Troubleshooting

Unable to start cloning.
Please check whether the actual capacity of HDD-2 disk is larger than HDD-1 disk (HDD-2 must be equal or larger than HDD-1), otherwise it won't work when HDD-1 disk actual capacity is larger than HDD-2 disk.

Indicator light stops flashing up during offline duplicating.
It might because of disk bad sectors so that data couldn't be cloned as usual. You have to change a good disk.

Where is rest capacity of HDD-2 disk after cloning?
After cloning, the rest capacity of HDD-2 disk is showed and operated via Windows "Disk management", which located at "Administrative Tools" in Control Panel, Disk Management located on the left-hand side of the Computer Management window, under the Storage heading.

Please backup any important date on HDD-2 before cloning.
Because once you start cloning, HDD-2 hard disk partition methods and data are completely cloned as a hard disk. Our company does NOT undertake any responsibility for data or economy loss which could bring by damaged data.

2TB or larger hard disk couldn't be identified by USB under windows XP.
Because the maximum capacity of hard disk which Windows XP can support is 2TB and couldn't be identified by system if over 2TB. It only supports after upgrading the operating system Windows Vista or above and we suggest changing hard disk into a GPT disk partition.

Note

- A new hard drive needs to be initialized and partitioned before appear in Windows Explorer or Mac Desktop.
- Do not remove the hard drive while it is in use. Doing so may corrupt the data on the hard drive or cause damaged to the hardware.
- Simplecom takes diligent care of all goods, however Simplecom will not be responsible for any loss of data, and that it is the responsibility of the customer to backup any data that he/she believes to be important, valuable, or irreplaceable.

Warranty

1 Year limited Warranty. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. For our assistance with regards to warranty please email to support@simplecom.com.au or create a support ticket at http://www.simplecom.com.au