SATA Hard Drive HDD Duplicator Dock - eSATA USB

StarTech ID: SATDOCK22RE

The SATDOCK22RE USB and eSATA Standalone Duplicator Dock lets you duplicate/clone an existing hard drive without the use of a host computer system, or can be connected to a computer system for use as an external hard drive dock.

As a hard drive duplicator, you can create an exact 1 to 1 sector clone from one hard drive to another, including partition and boot sector information and all data, at a rate of 72MB/second - ensuring data integrity and consistency for sensitive operations, such as data recovery.

As an external hard drive dock, the duplicator/dock supports plug-and-play installation and can be connected to your host computer through USB 2.0 or eSATA, providing data transfer speeds up to 480Mbps or 3Gbps respectively from the hard drives to your computer system. Large capacity drives (tested with up to 4TB 3.5" and 1TB 2.5" drives per bay) can be used to greatly enhance your computer's storage/backup capabilities.

Not having to install the hard drives into an enclosure or tray system allows for quick setups - a perfect solution for situations that require swapping through multiple drives, which combined with no driver or software installation requirements delivers a convenient and versatile storage solution. The value of this hard drive docking station can be extended, using a SATA to IDE hard drive adapter (SAT2IDEADP), which enables you to use any 2.5 or 3.5in IDE hard drive in a SATA hard drive dock slot.

Applications

- Disk sector imaging/cloning to create an exact replica of a source drive onto a different drive.
- Create identical backups for when data integrity is crucial, such as data recovery and forensic applications.
- Technicians who require access to bare hard drives for backup/recovery purposes or needs to swap between drives regularly.
- Quickly access data from a drive, without having to install it internally or into an enclosure.

Features

- Standalone Sector by Sector copying including the HPA
- LED progress bar for duplication status
- Push-button switching between Duplicator mode and Docking Station mode
- Patented hard drive eject push-buttons for each drive
- A single high speed eSATA host interface, with transfer rates up to 3Gbps
- Supports 2.5in or 3.5in form factor hard drives (HDD) or solid state drives (SSD)
- Supports SATA revision 1.0/2.0 (SATA 150/300) drives up to 2.0TB in capacity
- High speed USB 2.0 host interface, with transfer rates up to 480Mbps
- Compact, desktop-style form factor
- Hot-Swap and Plug-and-Play compatible

Technical Specifications

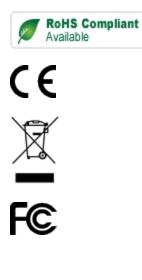|	
Warranty	2 Years
Color	Black
Enclosure Type	Plastic
Product Height	2.8 in [70 mm]
Product Length	5.8 in [147 mm]
Product Weight	19.3 oz [547 g]
Product Width	5.2 in [132 mm]
Chipset ID	JMicron - JMB352U
Compatible Drive Types (Type and Rate)	SATA
Drive Size	2.5in & 3.5in
Interface	USB 2.0 & eSATA
Number of Drives	2
Insertion Rating	15,000 cycles
Max Drive Capacity	Currently tested with up to 4TB 5400 RPM hard drives per bay (8TB total) and 1TB 5400 RPM 2.5" hard drives (2TB total)
Type and Rate	USB 2.0 - 480 Mbit/s
Type and Rate	SATA II (3 Gbps)
Drive Connectors	2 - SATA Data & Power Combo (7+15 pin) Receptacle
Host Connectors	1 - eSATA (7 pin; Data) Plug
Host Connectors	1 - USB B (4 pin) Female
OS Compatibility	OS independent; No software or drivers required
Note	For duplication, the destination drive must be of equal or greater capacity than the source drive.
	If the source drive contains an EISA (Extended Industry Standard Architecture) partition, the EISA partition needs to be removed prior to beginning the duplication.
	eSATA operation with two hard drives installed, requires an eSATA host controller with Port Multiplier support.
LED Indicators	1 - Mode Indicator (Blue - JBOD, Red - Duplication)
LED Indicators	1 - Power Indicator (Blue)
LED Indicators	1 - Progress Bar (Blue)
LED Indicators	2 - Drive Status (Blue - drive detected, Red - drive not detected, Flashing Red - Activity)

Input Voltage	110 ~ 240 AC
Output Current	3A
Output Voltage	12/5 DC
Power Source	AC Adapter Included
Humidity	8~90% RH
Operating Temperature	5°C to 80°C (41°F to 176°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Shipping (Package) Weight	1.8 lb [0.8 kg]
Included in Package	1 - SATA HDD Duplicator Dock
Included in Package	1 - eSATA Cable
Included in Package	1 - USB 2.0 Cable
Included in Package	3 - Power Cord (NA/GB/EU)
Included in Package	1 - Universal Power Adapter
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

RoHS Compliant
Available

CE

FC