



Manuals.plus /

› StarTech.com /

› StarTech.com Dual-Bay USB 3.0 / eSATA to SATA Hard Drive Docking Station Instruction Manual (SDOCK2U33EB)

StarTech.com SDOCK2U33EB

StarTech.com Dual-Bay USB 3.0 / eSATA to SATA Hard Drive Docking Station (SDOCK2U33EB)

Instruction Manual

INTRODUCTION

The StarTech.com SDOCK2U33EB is a dual-bay hard drive docking station designed to provide simultaneous access to two 2.5-inch or 3.5-inch SATA I/II/III hard drives (HDDs) or solid-state drives (SSDs). It connects to a host computer via either a USB 3.0 or an eSATA port, facilitating data backup, disk imaging, or data transfer. This docking station supports hot-swapping of drives and is compatible with various operating systems including Microsoft Windows, Apple OSX, Linux, and Google Chrome OS.

PRODUCT COMPONENTS AND OVERVIEW



Figure 1: Front view of the docking station with power button and HDD activity indicators.

This image displays the front of the docking station. It features a power button and two LED indicators, labeled HDD1 and HDD2, which illuminate to show drive activity and power status for each bay.



Figure 2: Top view of the docking station with drive bays.

This image shows the top of the docking station, highlighting the two vertical, top-loading bays designed for inserting 2.5-inch or 3.5-inch SATA drives. Eject buttons for each bay are visible on the left side.



Figure 3: Rear view of the docking station with connectivity ports.

The rear panel of the docking station is shown, featuring the eSATA port, USB 3.0 port, and the DC-IN power input for connecting the power adapter.



Figure 4: Docking station with drives inserted.

This image illustrates the docking station with both a 3.5-inch hard disk drive and a 2.5-inch solid-state drive correctly inserted into their respective bays.



Figure 5: Package contents.

This image displays all items included in the product package: the dual-bay docking station, a USB 3.0 cable, an eSATA cable, a universal power adapter with interchangeable regional plugs, and a printed instruction manual.

SETUP INSTRUCTIONS

1. **Connect the Power Adapter:** Connect the included universal power adapter to the DC-IN port on the rear of the docking station (refer to Figure 3). Plug the power adapter into a suitable electrical outlet.

2. **Connect to Host Computer:** Choose your preferred connection method:
 - **USB 3.0:** Connect one end of the supplied USB 3.0 cable to the USB 3.0 port on the rear of the docking station (refer to Figure 3) and the other end to an available USB 3.0 port on your computer.
 - **eSATA:** Connect one end of the supplied eSATA cable to the eSATA port on the rear of the docking station (refer to Figure 3) and the other end to an available eSATA port on your computer.
3. **Insert Hard Drives:** Gently slide your 2.5-inch or 3.5-inch SATA HDDs or SSDs into the top-loading drive bays (refer to Figure 2 and Figure 4). Ensure the drives are fully seated in the SATA connectors.
4. **Power On:** Press the power button located on the front of the docking station (refer to Figure 1). The power LED will illuminate, and the HDD activity LEDs will flash as the drives initialize.
5. **Operating System Recognition:** Your operating system should automatically detect and install the necessary drivers for the docking station and the inserted drives. The drives will appear as removable storage devices.

OPERATING INSTRUCTIONS

- **Accessing Drives:** Once recognized by your operating system, the inserted drives can be accessed like any other storage device. You can perform file transfers, backups, or disk imaging.
- **Hot-Swapping Drives:** The docking station supports hot-swapping. To remove a drive, ensure no data transfer is active to or from that specific drive. Safely eject the drive through your operating system's hardware removal function, then press the corresponding eject button on the left side of the docking station to release the drive. You can then insert another drive.
- **LED Indicators:**
 - The **POWER** LED indicates the docking station is powered on.
 - The **HDD1** and **HDD2** LEDs indicate activity for the respective drive bays. They will flash during data transfer.
- **UASP Performance:** When connected via USB 3.0 to a UASP-enabled host controller and operating system (Windows 8+, Mac OSX 10.8+, Linux), the docking station can achieve up to 70% faster read speeds and 40% faster write speeds compared to conventional USB 3.0.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the docking station. Avoid using liquid cleaners or solvents.
- **Drive Handling:** Always handle hard drives with care. Avoid dropping or subjecting them to physical shock.
- **Safe Removal:** Before disconnecting the docking station from your computer or powering it off, ensure all drives are safely ejected through your operating system to prevent data corruption.

TROUBLESHOOTING

- **Drives Not Detected:**
 - Ensure the power adapter is securely connected and the docking station is powered on.
 - Verify that the USB 3.0 or eSATA cable is firmly connected to both the docking station and the computer.
 - Confirm that the hard drives are fully seated in their respective bays.
 - Try connecting the docking station to a different USB or eSATA port on your computer.
 - Check your computer's Disk Management (Windows) or Disk Utility (macOS) to see if the drives are recognized but require initialization or formatting.

- **Slow Data Transfer Speeds:**

- Ensure you are using a USB 3.0 port on your computer for optimal USB speeds.
- If using eSATA, verify your computer's eSATA port supports SATA III (6 Gbps) for maximum performance.
- For USB 3.0, ensure your operating system and host controller support UASP for enhanced performance.
- The speed of the hard drive itself can limit transfer rates.

- **Docking Station Not Powering On:**

- Ensure the power adapter is correctly connected to the docking station and a working power outlet.
- Press the power button firmly.

- **Specific NAS Connectivity (eSATA):** If connecting to a NAS via eSATA and experiencing recognition issues, try connecting both the USB and eSATA cables to the NAS upon power-up. After the NAS has fully started and recognized the device, disconnect the USB cable. The eSATA connection should then function correctly.

SPECIFICATIONS

Model Number	SDOCK2U33EB
Hardware Interface	USB 3.0, eSATA
Supported Drive Types	2.5" and 3.5" SATA I/II/III HDDs and SSDs
Supported Drive Quantity	2
Maximum Data Transfer Rate (USB 3.0)	5 Gbps
Maximum Data Transfer Rate (eSATA)	6 Gbps (SATA III)
UASP Support	Yes (with compatible host controller and OS)
Enclosure Material	Plastic
Product Dimensions (L x W x H)	5.6" x 5.2" x 2.8" (14.2 cm x 13.2 cm x 7.1 cm)
Product Weight	0.49 kg (1.08 lbs)
Operating System Compatibility	Microsoft Windows (8/7/Vista/XP/Server 2008/Server 2003), Apple OSX (10.9/10.8/10.7/10.6), Linux, Google Chrome OS™

WARRANTY INFORMATION

The StarTech.com SDOCK2U33EB Dual-Bay USB 3.0 / eSATA to SATA Hard Drive Docking Station is backed by a 2-year warranty from StarTech.com.

TECHNICAL SUPPORT

StarTech.com offers free lifetime 24/5 multilingual technical assistance for this product. For further support, troubleshooting, or to access the latest drivers and manuals, please visit the official StarTech.com website.

You can find additional resources and contact information at: www.startech.com

