Standalone Hard Drive Eraser & USB 3.0 Dock

SDOCK1EU3P

*actual product may vary from photos

DE: Bedienungsanleitung - de.startech.com
FR: Guide de l’utilisateur - fr.startech.com
ES: Guía del usuario - es.startech.com
IT: Guida per l’uso - it.startech.com
NL: Gebruiksaanwijzing - nl.startech.com
PT: Guia do usuário - pt.startech.com

For the latest information, technical specifications, and support for this product, please visit www.startech.com/SDOCK1EU3P.
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

This device complies with part 15 of the FCC Rules. Operation 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.

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Industry Canada Statement

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.

CAN ICES-3 (B)/NMB-3(B)

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Product diagram

Front view

Activity LED  Power and link LED  Drive bay
Error LED  Eject button

LCD display  Menu navigation buttons

Rear view

Power button  USB 3.0 port  Power jack
RS232 serial-based printer port
Introduction

You can use the SDOCK1EU3P standalone eraser dock to erase your 2.5 in. and 3.5 in. drives without having to connect to a computer, making it easier to reuse and repurpose your SATA storage. For added security, you can connect a serial printer to the SDOCK1EU3P and print a confirmation that includes the time and date of the erase, as well as the erase mode that you used. The SDOCK1EU3P supports nine erase modes, and can also be used as a single-bay dock for your SATA drive offering fast USB 3.0 performance, also known as USB 3.1 Gen 1 (5 Gbps).

The SDOCK1EU3P also works with 2.5 and 3.5 in. IDE hard drives, mSATA drives, and M.2 drives when you use a compatible StarTech.com adapter. For more information about the available adapters, see the links below:

<table>
<thead>
<tr>
<th>Type of drive</th>
<th>StarTech.com product</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDE hard drives</td>
<td>StarTech.com adapter SAT2IDEADP</td>
</tr>
<tr>
<td></td>
<td>SATA to 2.5in or 3.5in IDE Hard Drive Adapter for HDD Docks</td>
</tr>
<tr>
<td>mSATA drives</td>
<td>StarTech.com adapter SAT32MSAT257</td>
</tr>
<tr>
<td></td>
<td>mSATA SSD to 2.5in SATA Adapter Converter</td>
</tr>
<tr>
<td>M.2 drives</td>
<td>StarTech.com adapter SAT32M225</td>
</tr>
<tr>
<td></td>
<td>M.2 NGFF SSD to 2.5in SATA Adapter Converter</td>
</tr>
</tbody>
</table>

Packaging contents

- 1 x hard drive eraser and USB 3.0 dock
- 1 x USB 3.0 cable
- 1 x universal power adapter
- 4 x power adapter plugs (NA/EU/UK/AU)
- 1 x quick start guide
About the LED indicators
The SDOCK1EU3P includes three LED indicators that are located on the top of the unit. See the tables below for more information about what the LED behaviors signify.

Red error LED

<table>
<thead>
<tr>
<th>LED behavior</th>
<th>Signifies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red LED is illuminated</td>
<td>An error is occurring. For more information about the error that is occurring, consult the LCD display and use the Menu navigation buttons to navigate.</td>
</tr>
</tbody>
</table>

Green activity LED

<table>
<thead>
<tr>
<th>LED behavior</th>
<th>Signifies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green LED is slowly blinking</td>
<td>The erase request is being processed.</td>
</tr>
<tr>
<td>Green LED is rapidly blinking</td>
<td>The drive is being erased.</td>
</tr>
</tbody>
</table>

Yellow power and link LED

<table>
<thead>
<tr>
<th>LED behavior</th>
<th>Signifies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow LED is briefly illuminated</td>
<td>The dock is turned on.</td>
</tr>
<tr>
<td>Yellow LED is illuminated</td>
<td>The drive is being erased. When the process is complete, the yellow LED will no longer be illuminated.</td>
</tr>
</tbody>
</table>
Erasing a drive

The SDOCK1EU3P offers nine erase modes. For more information about the different erase modes, consult the descriptions below.

<table>
<thead>
<tr>
<th>Erase option</th>
<th>Description of the process</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quick Erase</td>
<td>The partition table is quickly erased. Of the nine erase options, the Quick Erase is the fastest option.</td>
</tr>
<tr>
<td>1-Pass Erase</td>
<td>A full disk overwrite (all zeroes) is completed.</td>
</tr>
<tr>
<td>3-Pass (DoD 5220.22-M)</td>
<td>A multi-pass overwrite based on DOD 5220.22-M specifications is performed. This method erases the drive three times: the first time with zeroes (0x00), the second time with 0xFF, and the third time with random characters.</td>
</tr>
<tr>
<td>3-Pass (CSEC ITSG-06)</td>
<td>A multi-pass overwrite based on CSEC ITSG-06 specifications is completed.</td>
</tr>
<tr>
<td>3-Pass (HMG Enhanced IS 5)</td>
<td>A multi-pass overwrite based on HMG Enhanced IS5 specifications is completed.</td>
</tr>
<tr>
<td>7-Pass (VSITR)</td>
<td>A multi-pass overwrite based on VSITR Specifications is completed.</td>
</tr>
<tr>
<td>Custom Erase</td>
<td>The user specifies the number of passes and the pattern used.</td>
</tr>
<tr>
<td>Secure Erase</td>
<td>The HDD/SSD ATA drive's internal Secure Erase command is executed.</td>
</tr>
<tr>
<td>Enhanced Secure Erase</td>
<td>The HDD/SSD ATA drive's internal Enhanced Secure Erase command is executed.</td>
</tr>
</tbody>
</table>
Erase a drive

Before you erase a drive, make sure that you back up any important data from the drive.

1. Plug one end of the universal power adapter into the power jack on the back of the eraser and the other end into a power source.
2. Use the **Power** button on the back of the eraser to turn it on.
3. Place the drive that you want to erase in the drive bay. Push down on the drive to make sure that it’s secured in the eraser slot.
4. To select an erase mode, use the **Menu navigation** buttons on the front of the eraser to move up and down in the **Erase mode** menu.
5. Press the **OK** button.

**Warning!** After you press the **OK** button, don’t remove the drive from the eraser until it has finished erasing. Removing the drive before the erase is complete may result in damage to the drive.

6. When the drive is erased, the LCD display indicates that the process is complete. If a serial printer is connected to the eraser, a receipt prints out.
7. To remove the drive, press the **Eject** button.

Erase a drive using customized settings

Before you erase a drive, make sure that you back up any important data from the drive.

1. Plug one end of the universal power adapter into the power jack on the back of the eraser and the other end into a power source.
2. Use the **Power** button on the back of the eraser to turn it on.
3. Place the drive that you want to erase in the drive bay. Push down on the drive to make sure that it’s secured in the eraser slot.
4. Use the **Menu navigation** buttons on the front of the eraser to move up and down in the **Erase mode** menu.
5. Select **Custom Erase** and press the **OK** button.
6. Select **Run <x> Pass** and press the **OK** button.
7. When the drive is erased, the LCD display indicates that the process is complete. If a serial printer is connected to the eraser, a receipt prints out.
8. To remove the drive, press the **Eject** button.
Change the custom erase settings

You can customize the erase settings that are applied when you select **Custom Erase** in the **Eraser mode** menu, including setting the number of passes and selecting a pattern number.

1. Use the **Menu navigation** buttons on the front of the eraser to move up and down in the **Erase mode** menu.

2. Select **Custom Erase** and press the **OK** button.

3. Do any of the following:
   - To select a pass number, select **Setup Pass #** and press the **OK** button. Use the **Menu navigation** buttons to select a number between 1 and 99 and press the **OK** button.
   - To select a pattern count, select **Setup Pattern** and press the **OK** button. Use the **Menu navigation** buttons to select a number between 1 and 99 and press the **OK** button. Use the **Menu navigation** buttons to select a **Data Pattern** number and press the **OK** button. Use the **Menu navigation** buttons to select a number between 1 and 99. Press the **OK** button.

To return to the **Erase mode** menu, press the **ESC** button until you have exited the **Custom Erase** settings.
Using the Utility menu

The SDOCK1EU3P includes a Utility menu that you can use to view information about the eraser, including system and disk information.

**View the eraser details**

1. Use the **Menu navigation** buttons on the front of the eraser to move up and down in the **Erase mode** menu.
2. Select **Utility** and press the **OK** button.
3. Do any of the following:
   - To view the disk info, select **Show Disk Info** and press the **OK** button.
   - To view the product name and current version of firmware, select **System Info** and press the **OK** button.

To return to the **Erase mode** menu, press the **ESC** button until you have exited the **Utility** menu.

**Update the eraser firmware**

1. Connect a USB 3.0 cable to your computer and the USB 3.0 port on the back of the eraser.
2. Use the **Power** button on the back of the eraser to turn it on.
3. Place a Firmware drive in the drive bay.
   
   **Note:** You can use any type of drive, provided that it’s formatted to FAT32.
4. On your computer, copy the Firmware file to the drive in the eraser.
5. Use the **Menu navigation** buttons on the front of the eraser to move up and down in the **Erase mode** menu.
6. Select **Utility** and press the **OK** button.
7. Select **Update System** and press the **OK** button.
8. When the LCD display says **Complete**, use the **Power** button to turn off the eraser.
9. Wait five seconds and turn on the eraser again.

To return to the **Erase mode** menu, press the **ESC** button until you have exited the **Utility** menu.
Change the order of the Erase mode menu
You can change the order of the items in the Erase mode menu so that the options that you access the most often appear earlier in the menu.

1. Use the Menu navigation buttons on the front of the eraser to move up and down in the Erase mode menu.
2. Select Utility and press the OK button.
3. Select Start-up Menu and press the OK button.
4. Set the function that is displayed first when the eraser is turned on.

To return to the Erase mode menu, press the ESC button until you have exited the Utility menu.

Set the date and time on the eraser
1. Use the Menu navigation buttons on the front of the eraser to move up and down in the Erase mode menu.
2. Select Utility and press the OK button.
3. Select Adjust Clock and press the OK button.
4. Use the Menu navigation buttons on the front of the eraser to select the current date and time and press the OK button.

To return to the Erase mode menu, press the ESC button until you have exited the Utility menu.

Print a receipt
You can use the SDOCK1EU3P with a serial printer to print an erase record with details of the process, including the date and time that the drive was erased, the erase mode used, and more. The receipt also includes an area for a signature.

Note: The RS232 serial-based printer port uses 9600 baud.
1. Use the RS232 serial-based printer port to connect a serial printer to the eraser.
2. Configure the connected serial printer to work on 9600 baud. Consult the documentation that came with the serial printer for more information about how to configure it.

When a process is complete, a receipt automatically prints on the connected serial printer.
Managing log records

The SDOCK1EU3P includes a Log Manager menu that you can use to save, and print the log records for a specified period of time. Log records include information about what type of erase was selected and when the erase was performed, as well as other details.

Print log records

The SDOCK1EU3P must be connected to an RS232 serial-based receipt printer to print log records. For more information about connecting a serial-based receipt printer, see Print a receipt.

1. Use the Menu navigation buttons on the front of the eraser to move up and down in the Erase mode menu.
2. Select Log Manager and press the OK button.
3. To print the report, select Print Report and press the OK button.
4. To specify the date range of the log reports that you want to print, do one of the following:
   - Select Today Report and press the OK button.
   - Select Recent Report and press the OK button. Use the Menu navigation buttons to select a number between 1 and 28 days and press the OK button.
   - Select A Period Date and press the OK button. Use the Menu navigation buttons to select a start and an end date and press the OK button.

To return to the Erase mode menu, press the ESC button until you have exited the Log Manager menu.

Save log records to a file

1. Use the Menu navigation buttons on the front of the eraser to move up and down in the Erase mode menu.
2. Select Log Manager and press the OK button.
3. To save the report to a file, select Save to File and press the OK button.
4. If you haven’t created a log drive, use the Menu navigation buttons to select Create Log HDD and press the OK button. When the Confirm message appears on the screen, press the OK button. To return to the menu, click the OK or Esc button.
5. To specify the date range of the log reports that you want to print, do one of the following:
   - Select Today Report and press the OK button.
   - Select Recent Report and press the OK button. Use the Menu navigation
buttons to select a number between 1 and 28 days and press the OK button.

- Select A Period Date and press the OK button. Use the Menu navigation buttons to select a start and an end date and press the OK button.

To return to the Erase mode menu, press the ESC button until you have exited the Log Manager menu.

Delete all of the log records
1. Use the Menu navigation buttons on the front of the eraser to move up and down in the Erase mode menu.
2. Select Log Manager and press the OK button.
3. Select Advanced Function and press the OK button.
4. Select Clear ALL Log and press the OK button.

To return to the Erase mode menu, press the ESC button until you have exited the Log Manager menu.

Note: The factory default password for the eraser is 123456. You may need to enter the password the first time that you use the eraser.

Reset the password
1. Use the Menu navigation buttons on the front of the eraser to move up and down in the Erase mode menu.
2. Select Log Manager and press the OK button.
3. Select Advanced Function and press the OK button.
4. Select Enter Password and press the OK button.
5. Do one of the following:
   - To set a numeric character, press the up arrow navigation button to select a number and press the OK button.
   - To set an uppercase letter, press the down arrow navigation button to select a letter and press the OK button.
6. When you’re done selecting the characters in your password, press the OK button.

To return to the Erase mode menu, press the ESC button until you have exited the Log Manager menu.

Note: The factory default password for the eraser is 123456. You may need to enter the password the first time that you use the eraser.
Connect the eraser to your computer

You can use the SDOCK1EU3P as a dock by simply connecting it to your computer.

1. Connect a USB 3.0 cable to your computer and the USB 3.0 port on the back of the eraser.
2. Use the Power button on the back of the eraser to turn it on.
3. Place a drive in the drive bay. Make sure to push down on the drive to make sure that it’s secured in the eraser slot.
4. To select an erase mode, use the Menu navigation buttons on the front of the eraser and select the HDD Link to PC option and press the OK button.
5. To disconnect the eraser from your computer, press the ESC button.

**Note:** Before you disconnect, you should safely remove the drive from the computer. For more information about how to do this, see the documentation that came with your operating system.

6. When Are you sure? appears on the LCD display, press the OK button.

**Note:** If you’re swapping drives, it’s recommended that you turn off the dock between drive swaps.
# About the Erase mode menu

The following diagram outlines the default settings for the **Erase mode** menu on the SDOCK1EU3P. If you customize the eraser menu, the layout below will no longer be accurate.

Quick Erase

<table>
<thead>
<tr>
<th>1-Pass Erase</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-Pass (DoD 5220.22-M)</td>
</tr>
<tr>
<td>3-Pass (CSEC ITSG-06)</td>
</tr>
<tr>
<td>3-Pass (HMG Enhanced IS 5)</td>
</tr>
<tr>
<td>7-Pass (VSITR)</td>
</tr>
</tbody>
</table>

Custom Erase

| Run <x> Pass |
| Setup Pass# |
| Setup Pattern |
| Setup Pass# |
| Pattern Count |

Secure Erase

Enhanced Secure Erase

Utility

| Show Disk Info |
| System Info. |
| Update System |
| Start-Up Menu |
| Adjust Clock |

Log Manager

| Print Report |
| Save to File |
| Advanced Function |
| Today Report |
| Recent Report |
| A Period Date |

HDD Link To PC
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For the latest drivers/software, please visit www.startech.com/downloads

Warranty information

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