

## 1 to 1 NVMe/SATA Drive Duplicator and Secure Eraser

### Product Diagram (SM2DUPE11)

#### Front View



#### Top Edge View



Component	Function
1 LCD Display	<ul style="list-style-type: none"> <li>Displays <b>Menu</b> options, status, and details</li> </ul>
2 2.5"/3.5" SATA Drive Connector	<ul style="list-style-type: none"> <li>Connect a source <b>2.5"/3.5" SATA Drive</b></li> </ul>
3 M.2 Drive Connector	<ul style="list-style-type: none"> <li>Connect a source <b>M.2 SATA or NVMe Drive</b></li> </ul>
4 M.2 Drive Connector	<ul style="list-style-type: none"> <li>Connect a target <b>M.2 SATA or NVMe Drive</b></li> </ul>
5 Drive-Tray Screw /Drive -Tray Screw Hole	<ul style="list-style-type: none"> <li>Secures the <b>Drive Tray</b></li> </ul>
6 Rubber Drive Holder	<ul style="list-style-type: none"> <li>Secures the <b>M.2 SATA or NVMe Drive</b></li> </ul>
7 2.5"/3.5" SATA Drive Connector	<ul style="list-style-type: none"> <li>Connect a target <b>2.5"/3.5" SATA Drive</b></li> </ul>
8 LED Indicators	<ul style="list-style-type: none"> <li>Indicates <b>Drive Status</b></li> </ul>
9 LCD Display Buttons	<ul style="list-style-type: none"> <li>Navigate through the <b>LCD Display</b></li> </ul>
10 Power Switch	<ul style="list-style-type: none"> <li>Toggle <b>ON (I)</b> or <b>OFF (O)</b></li> </ul>
11 Power Connector	<ul style="list-style-type: none"> <li>Connect the <b>Universal Power Adapter</b></li> </ul>

### Package Contents

- Duplicator Dock x 1
- SATA Drive Extensions Cable x 2
- Anti-Slip/Vibration Pads x 2
- Universal Power Adapter x 1
- Regional Power Cords (NA, JP, EU, UK, ANZ) x 5
- Quick-Start Guide x 1

### Product Information

For product information, technical specifications, manuals, and Declarations of Conformance please visit:

[www.startech.com/SM2DUPE11](http://www.startech.com/SM2DUPE11)

### Product Requirements

- M.2 SATA/NVMe SSD x 2
- 2.5"/3.5" SATA Drive x 2

### Installation

#### Power the Drive Duplicator and Secure Eraser

- Connect the **Universal Power Adapter** to the appropriate **Regional Power Cord**.
- Connect the **Universal Power Adapter** to the **Power Connector** on the **Drive Duplicator and Secure Eraser**.
- Connect the **Regional Power Cord** to a **Power Source**.
- Toggle the **Power Switch** to the **ON (I)** position.

#### Connect a 2.5"/3.5" SATA Drive

**Note:** Do not connect drives directly into the **Hard Drive Duplicator and Secure Eraser**, as it puts undue strain on the device connectors.

- Connect the **Drive Connector Cable(s)** to **2.5"/3.5" SATA Drive(s)** and to the **2.5"/3.5" SATA Drive Connector(s)** on the **Drive Duplicator and Secure Eraser**.
- Place the **Drive Duplicator and Secure Eraser** on the **Anti-Slip/Vibration Pads** (included).

**Note:** Avoid placing drives directly on a metal surface.

#### Connect M.2 SATA or NVMe Drive

- Determine the size of the **M.2 SATA or NVMe Drive(s)**.

2. Remove the **Drive-Tray Screw**, using a **Phillips Head Screwdriver**.
3. Adjust the position of the **Rubber Drive Holder** to the appropriate position on the **Drive Tray**.
4. Insert the **Drive-Tray Screw** through the screw hole in the **Drive Tray** and tighten, using a **Phillips Head Screwdriver**. Do not over-tighten.
5. Gently slide the **Connector** on the **M.2 SATA or NVMe Drive(s)** at a 30-degree angle into the corresponding **M.2 SATA or NVMe Drive Connector(s)** on the **Drive Duplicator and Secure Eraser**.
- Note:** The **Connector** on the **M.2 SATA or NVMe Drive(s)** is keyed so that it only fits one way.
6. Lightly push the **M.2 SATA or NVMe Drive(s)** down, ensuring the **Rubber Drive Holder** connects with the mounting notch on the **M.2 SATA or NVMe Drive(s)**.

## Operation

### Copy a Drive

**Note:** The **Drive Duplicator and Secure Eraser** is capable of 1 to 1 duplication from M.2 to SATA, SATA to M.2, SATA to SATA, and M.2 to M.2 drives.

1. Navigate to the **Setup LCD Display**, using the **LCD Display Buttons**, and press the **Enter Button**.
2. Navigate to the **Copy Area LCD Display** and press the **Enter Button**.
3. Select a **Copy Mode** and press the **Enter Button**.
4. Navigate back to the **Main Menu**.
5. Select **Copy** and press the **Enter Button**.

**Warning!** Do not disconnect either drive or interrupt the process until the copy process has completed. Doing so may result in damage to the drive or lost data.

6. When the **Green LED Indicator** is no longer flashing and has become solid the copying process is complete.

### 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 to an outlet on a different circuit than the receiver.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the device. If shielded interface cables are included with the product, or if additional components or accessories are designated for use with the installation, they must be used to ensure compliance with FCC regulations.

### ISED Statement / Déclaration d'ISDE

CAN ICES-003(B) / NMB-003(B)

This Class B digital apparatus complies with Canadian ICES-003.

This device complies with ISED Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Le présent appareil est conforme aux CNR d'ISDE Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

## Erase a Drive

**Warning!** Backup data prior to erasing any drives.

1. Navigate to **Erase Mode** and press the **Enter Button**.

**Warning!** Do not disconnect the drive until erase process has completed. Doing so may result in damage to the drive or lost data.

2. When the **Green LED Indicator** is no longer flashing and has become solid the erasing process is complete.

## Erase and Copy Modes

Mode	Definition
<b>Erase modes</b>	
Quick Erase	The partition table is quickly erased
Full Erase / 1 Pass Overwrite	Erases entire device(s), complying with NIST 800-88 Standards
3 Pass Overwrite	This method erases the drive three times. The first time with zeros, the second time with ones, and the third time with random characters
Secure Erase	Executes the drive's built-in secure erase function
Enhanced Secure Erase	Erases devices that supports this feature
Cryptographic Erase	Leverages the drive's built-in encryption capabilities to securely erase data by deleting the encryption key.
<b>Copy modes</b>	
Copy System and Files	Only the data area of the 2.5"/3.5" SATA Drive is copied and the empty space isn't copied
Copy All Partitions	The partition areas of the HDD are copied and the non-partition, empty space isn't copied
Copy the Whole HDD	The entire HDD is copied, including empty space
Copy a Percentage	A specified percentage range of the HDD is copied

### Use of Trademarks, Registered Trademarks, and other Protected Names and Symbols

This manual may make reference to trademarks, registered trademarks, and other protected names and/or symbols of third-party companies not related in any way to StarTech.com. Where they occur these references are for illustrative purposes only and do not represent an endorsement of a product or service by StarTech.com, or an endorsement of the product(s) to which this manual applies by the third-party company in question. StarTech.com hereby acknowledges that all trademarks, registered trademarks, service marks, and other protected names and/or symbols contained in this manual and related documents are the property of their respective holders.

PHILLIPS® is a registered trademark of Phillips Screw Company in the United States or other countries.

### Warranty Information

This product is backed by a two-year warranty.

For further information on product warranty terms and conditions, please refer to [www.startech.com/warranty](http://www.startech.com/warranty).

### Limitation of Liability

In no event shall the liability of StarTech.com Ltd. and StarTech.com USA LLP (or their officers, directors, employees or agents) for any damages (whether direct or indirect, special, punitive, incidental, consequential, or otherwise), loss of profits, loss of business, or any pecuniary loss, arising out of or related to the use of the product exceed the actual price paid for the product. Some states do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.

### Safety Measures

- If product has an exposed circuit board, do not touch the product under power.

**StarTech.com Ltd.**  
45 Artisans Crescent  
London, Ontario  
N5V 5E9  
Canada

**StarTech.com LLP**  
4490 South Hamilton  
Road  
Groveport, Ohio  
43125  
U.S.A.

**StarTech.com Ltd.**  
Unit B, Pinnacle 15  
Gowerton Road  
Brackmills,  
Northampton  
NN4 7BW  
United Kingdom

**StarTech.com Ltd.**  
Siriusdreef 17-27  
2132 WT Hoofddorp  
The Netherlands

FR: [startech.com/fr](http://startech.com/fr)  
DE: [startech.com/de](http://startech.com/de)  
ES: [startech.com/es](http://startech.com/es)  
NL: [startech.com/nl](http://startech.com/nl)  
IT: [startech.com/it](http://startech.com/it)  
JP: [startech.com/jp](http://startech.com/jp)