

## USB 3.1 (10Gbps) Dual 2.5" SATA Drive Enclosure - with USB-C and USB-A Cables



*Actual product may vary from photos*

### User Manual SKU#: S252BU313R

For the latest information and specifications visit  
[www.startech.com/S252BU313R](http://www.startech.com/S252BU313R)

# Compliance Statements

## 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

## 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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# Safety Statements

## Safety Measures

- Wiring terminations should not be made with the product and/or electric lines under power.
- Cables (including power and charging cables) should be placed and routed to avoid creating electric, tripping or safety hazards.

## Mesures de sécurité

- Les terminaisons de câblage ne doivent pas être effectuées lorsque le produit et/ou les câbles électriques sont sous tension.
- Les câbles (y compris les câbles d'alimentation et de chargement) doivent être placés et acheminés de façon à éviter tout risque électrique, de chute ou de sécurité

## 安全対策

- 電源が入っている状態の製品または電線の終端処理を行わないでください。
- ケーブル(電源ケーブルと充電ケーブルを含む)は、適切な配置と引き回しを行い、電気障害やつまづきの危険性など、安全上のリスクを回避するようにしてください。

## Misure di sicurezza

- I terminali dei fili elettrici non devono essere realizzate con il prodotto e/o le linee elettriche sotto tensione.
- I cavi (inclusi i cavi di alimentazione e di ricarica) devono essere posizionati e stesi in modo da evitare pericoli di inciampo, rischi di scosse elettriche o pericoli per la sicurezza.

## Säkerhetsåtgärder

- Montering av kabelavslutningar får inte göras när produkten och/eller elledningarna är strömförda.
- Kablar (inklusive elkablar och laddningskablar) ska dras och placeras på så sätt att risk för snubblingsolyckor och andra olyckor kan undvikas.

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## Product Diagram

### Front View



Components		Function
1	Removable Screws	<ul style="list-style-type: none"><li>Secure the <b>Front Panel</b> to the <b>Drive Enclosure</b></li></ul>
2	Power LED Indicator	<ul style="list-style-type: none"><li>Solid <b>Blue</b>: The <b>Universal Power Adapter</b> is connected to a <b>Power Source</b></li></ul>
3	Drive LED Indicators	<ul style="list-style-type: none"><li>Solid or flashing <b>Blue and Red</b></li><li>See <a href="#">LED Indicators</a> (Page 7) section for more details</li></ul>

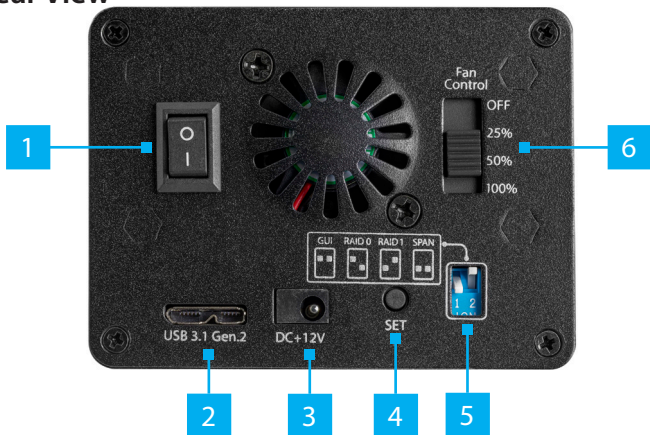
## Open View



Components		Function
1	Drive Trays	• Each <b>Drive Tray</b> holds a <b>2.5" HDD or SSD</b>
2	Front Panel	• Covers the <b>Drive Bay</b> during <b>Operation</b>

To view manuals, videos, drivers, downloads, technical drawings, and more visit [www.startech.com/support](http://www.startech.com/support)

## Rear View



Components		Function
1	Power Switch	• Power the <b>Drive Enclosure On (I)</b> or <b>Off (O)</b>
2	USB 3.1 Gen 2 Port	• Connect the <b>Drive Enclosure</b> to the <b>Host Computer</b>
3	DC +12V Port	• Connect the <b>Drive Enclosure</b> to a <b>Power Source</b>
4	SET Button	• Press and hold for 10 seconds to set the <b>RAID Mode</b>
5	RAID Switches	• Configure the <b><a href="#">RAID Mode</a></b>
6	Fan Speed Control Switch	• Set the fan speed to <b>OFF, 25%, 50%, or 100%</b>



## Product Information

### Package Contents

- USB 3.1 to SATA Drive Enclosure x 1
- USB C to Micro B Cable - 40.25 Inches x 1
- USB 3.0 A to Micro B Cable - 40.25 Inches x 1
- Universal Power Adapter (NA,EU,UK,ANZ)  
- 70 inches (Cable) x 1
- Drive Trays x 2
- Allen Keys x 2
- User Manual x 1

### Requirements

For the latest requirements please visit:

[www.startech.com/S252BU313R](http://www.startech.com/S252BU313R).

- HDDs or SSDs x 2
- Host Computer

## Installation

### Install the Hard Drives

1. Use one of the included **Hex Keys** to remove the four **Removable Screws** in the **Front Panel** of the **Drive Enclosure**.
2. Remove the **Front Panel** from the **Drive Enclosure**.
3. Remove the **Drive Trays**.
4. With the **SATA Connector** facing outwards, carefully install one side of the **HDD** or **SSD** into the **Drive Tray**.

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5. Snap the **HDD** or **SSD** down into the other side of the tray. Make sure that the **SATA Connector** on the **HDD** or **SSD** lines up with the **SATA Port** in the **Drive Bay**.
6. Slide the **Drive Tray** into the **Drive Enclosure**.
7. Repeat steps 3 - 4 to install a second **Drive**.
8. Use the **Hex Key** and the four **Removable Screws** that were removed in step 1 to reattach the **Front Panel** to the **Drive Enclosure**.

## Set the RAID Dip Switches

To set the **RAID Configuration**, use the table below and set the **Raid Switches** located on the back of the **Drive Enclosure**.

RAID Mode	Description	Switch 1	Switch 2
GUI	Allows access to both <b>Drives</b> individually. (Enabled <b>Software-Based Raid</b> and <b>Clear Hardware Raid</b> )	<b>Off</b>	<b>Off</b>
RAID 0	<b>Striping:</b> Improves <b>Drive</b> performance	<b>Off</b>	<b>On</b>
RAID 1	<b>Mirror:</b> Creates a duplicate <b>Drive</b> on the second <b>Drive</b>	<b>On</b>	<b>Off</b>
SPAN	Creates a large <b>Single Drive Volume</b> that consists of both <b>Drives</b>	<b>On</b>	<b>On</b>

## Connect Power and Data Cables

1. Connect the **Universal Power Adapter** to the **DC+12V Port** on the back of the **Drive Enclosure** and to an available **Power Source**.
2. Connect one of the included **USB Cables (USB-C to Micro B or USB-A to Micro B)** to the **USB 3.1 Gen 2 Port** on the back of the **Drive Enclosure** and to a **USB Port** on the **Host Computer**.

## Power on the Drive Enclosure

Toggle the **Power Switch** on the back of the **Drive Enclosure** to the **ON ( | )** position.

## Format and Prepare the Drives

On the back of the **Drive Enclosure**, press and hold the **SET Button** for at least 10 seconds or until the **Power LED Indicator** illuminates and the **Red Drive LED Indicators** begin to illuminate and blink.

## Operation

### LED Indicators

**Note:** A flashing **Red LED** indicates a **Drive** in active use (reading, writing, or rebuilding the **Drive**). If the **Drive** is installed but there is no activity then the **Blue LED Indicator** will remain illuminated.

## GUI Mode

Drive Status	Drive LED Indicator 1 Status		Drive LED Indicator 2 Status Switch 2	
	Blue LED	Red LED	Blue LED	Red LED
Two Drives Installed and Drive Enclosure is Powered On	Solid	Flashing	Solid	Flashing
Only Drive 1 Installed	Solid	Flashing	Off	Solid
Only Drive 2 Installed	Off	Solid	Solid	Flashing

## SPAN Mode

Drive Status	Drive LED Indicator 1 Status		Drive LED Indicator 2 Status Switch 2	
	Blue LED	Red LED	Blue LED	Red LED
Two Drives Installed and Drive Enclosure is Powered On	Solid	Flashing	Solid	Flashing
Drive 1 Failure or Removal	Off	Solid	Solid	Off
Drive 1 Reconnected	Solid	Flashing	Solid	Flashing
Drive 2 Failure	Solid	Off	Off	Solid
Drive 2 Reconnected	Solid	Flashing	Solid	Flashing

## RAID 0 Mode

Drive Status	Drive LED Indicator 1 Status		Drive LED Indicator 2 Status Switch 2	
	Blue LED	Red LED	Blue LED	Red LED
Two Drives Installed and Drive Enclosure is Powered On	Solid	Flashing	Solid	Flashing
Drive 1 Failure or Removal	Off	Solid	Solid	Off
Drive 1 Reconnected	Solid	Flashing	Solid	Flashing
Drive 2 Failure	Solid	Off	Off	Solid
Drive 2 Reconnected	Solid	Flashing	Solid	Flashing

## RAID 1 Mode

Drive Status	Drive LED Indicator 1 Status		Drive LED Indicator 2 Status Switch 2	
	Blue LED	Red LED	Blue LED	Red LED
Two Drives Installed and Drive Enclosure is Powered On	Solid	Flashing	Solid	Flashing
Drive 1 Failure or Removal	Off	Solid	Solid	Flashing
Drive 1 Reconnected or Replaced	Solid	Slowly Flashing	Solid	Slowly Flashing
Drive 2 Failure or Removal	Solid	Flashing	Off	Solid
Drive 2 Reconnected or Replaced	Solid	Slowly Flashing	Solid	Slowly Flashing

## 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).

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