STARDOM
STORAGE SOLUTIONS

ST2-B31/ST2-BA31/ST2-B31A 快速安裝導引

產品示意圖與配件表

前視圖　　　背視圖

A　硬碟讀取燈
B　硬碟抽取盒把手
C　硬碟抽取盒頂針孔
D　電源開關
E　風扇切換鈕
F　電源插座
G　RAID 切換鈕
H　RESET 鈕
I　USB 3.2 Gen2　Type-C 埠 (10Gbps)
J　風扇
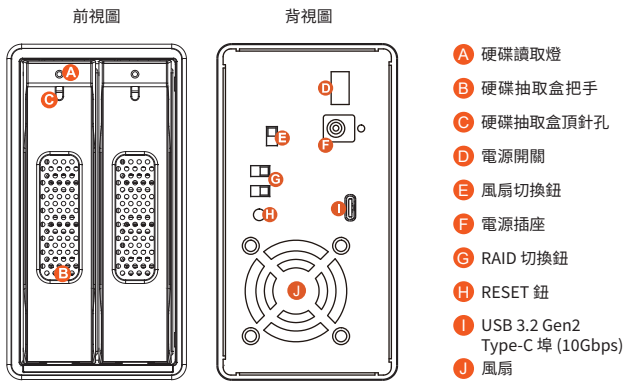
打開包裝外盒後，包裝內容應包含下列組件：

ST2 產品本體 x1(內含抽取盒 x2)	
USB 3.2 C to C 連接線 x1 (for ST2-BA31/ST2-B31)	電源轉接器 x1
USB 3.2 C to A 連接線 x1 (for ST2-BA31/ST2-B31A)	電源線 x1
快速安裝導引 x1	螺絲及頂針鑰匙

- 請先確認相關配件與產品本身是否有受損或是缺少配件，若有任何疑問，請與您的經銷商或業務人員聯絡。
- 請前往官網 (www.stardom.com.tw) 下載使用者說明書。

注意：開啟產品電源前，請確認產品與主機端 (開機狀態) 已連接，否則產品將進入休眠狀態。

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燈號說明

狀態	硬碟狀態燈		
	RAID 0, BIG	RAID 1	JBOD
硬碟閒置	藍燈恆亮	藍燈恆亮	藍燈恆亮
無硬碟	紅燈恆亮	紅燈恆亮	紅燈恆亮
硬碟故障	紅燈閃爍	紅燈閃爍	N/A
RAID 降級	紅燈閃爍	紅燈閃爍	N/A
資料存取	藍燈閃爍	藍燈閃爍	藍燈閃爍
資料重建 - 來源碟	N/A	呼吸燈（藍燈）	N/A
資料重建 - 目標碟	N/A	呼吸燈（紫燈）	N/A

硬體安裝

請參照下列步驟，完成 ST2 的硬體安裝：

1. 當你打開包裝後，首先請先檢查產品主體以及附件是不是有毀損或是短缺情形，如果發現產品主體及附件短缺，請立刻與您的供應商聯絡。
2. 將主機置放於平穩空間上，並確保其通風良好，不會堵塞通風口。(請避免接近水源或是其他容易造成產品損傷的環境)
3. 請使用零件包中所附的頂針插入硬碟抽取盒頂針孔，開啟硬碟抽取盒把手便將抽取盒取出。
4. 安裝 3.5 吋硬碟，請使用 6 顆零件包內附的大顆螺絲加以固定；安裝 2.5 吋硬碟，請使用 4 顆零件包內附的小顆螺絲加以固定。

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5. 硬碟安裝完成後，請將抽取盒平移放入主機內，並關上把手。
6. 透過機體背面的 RAID 切換鈕，設定所要使用的 RAID 模式。
7. 視電腦 USB 埠類型選擇配件中的對應的 USB 連接線，連接電腦與 ST2 的 USB 埠。
8. 將電源線與電源轉接器連接好，並將兩端插頭各自接到 ST2 及電源插座後，啟動 ST2。
9. 此時，您的作業系統將會自動辨識到儲存容量；待辨識成功後，請依據您所需的儲存格式，將系統依照作業系統的指示完成格式化。此待硬盤格式化完成後，便可直接使用 ST2。

※ 若您使用的是 USB 3.2 C to A 連接線，主機端的 Type-A 需為 USB 3.2 Gen2 規格方可達到最佳存取效能。

RAID 模式切換設定

RAID 0　　RAID 1　　BIG　　JBOD (預設)

RAID 0：一個大的獨立資料儲存容量，並可加速資料存取但無資料保護功能。

RAID 1：兩顆硬碟是鏡射關係因此擁有相同的資料，因此有一顆硬碟損毀仍然可以正常運作。當放入新硬碟取代損毀硬碟後，系統會自動將資料重建到新的硬碟。

BIG　　：兩顆硬碟的容量會被加總成一個大儲存容量，但無資料保護功能。

JBOD　：可對兩顆獨立硬碟進行管理的工作，能大幅增加硬碟管理上的便利性，但無資料保護功能。

切換RAID設定的標準程序：

步驟1：請在 ST2 連線到電腦後，一併打開電腦和 ST2 的電源開關。
步驟2：請在藍燈恆亮時，將在 ST2 背板上設定 RAID 設定的「切換開關」調到你所要的設定位置。
步驟3：請使用頂針插入「重置鍵」，待前面板抽取盒上的閃爍藍紫燈結束、並轉成恆亮藍燈後鬆開頂針。
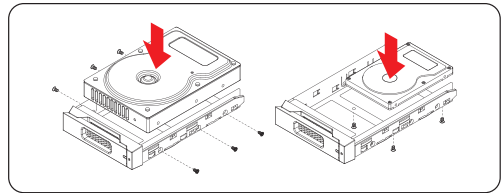步驟4：請您再做一次關、開 ST2 電源的動作後，您已經改變、並重新設定了 ST2 的RAID。

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產品使用注意事項

1. 本系統同一時間只可透過一組介面與一台電腦執行資料傳輸。
2. 硬碟格式化後，由電腦主機作業系統所辨識 ST2 的實際總容量會與硬碟廠所標示的容量加總後，將有所差異。
3. 第一次使用本產品進行設定時，資料會被全數清除。請於硬碟置入前，確認硬碟已備份，避免資料遺失。
4. 在安裝新硬碟到 ST2 之前，請先確認硬碟是沒有壞軌而且是沒有故障的，以避免資料受損。
5. 當您需要關閉或移除 ST2 時，務必透過您所操作的作業系統中執行硬碟安全移除後，方可進行電源關閉的動作。
6. 當系統運作時，請勿任意移除任何一顆硬碟，以免導致資料遺失。
7. 完成系統初始化安裝後，在使用上請勿任意變更硬碟位置；此動作將可能導致系統無法形成 RAID。
8. RAID 模式一旦設定完成，若要進行切換，因切換過程中將會清除硬碟中的資料，請務必先將硬碟中的資料另行備份後再行切換。
9. 為了確保節能功能的正常運作，請將 USB 連接線常態性與電腦端保持連接。
10. 當您需要關閉或移除 ST2 時，務必透過您所操作的作業系統中執行硬碟安全移除後，方進行電源關閉的動作。
11. 在資料自動重建狀態下，若電腦端進入系統待命或是休眠狀態，ST2 會持續完成重建；但當重建完成後將不會進入待命狀態。此時需用手動方式關機，或是先將電腦系統回復到正常運作狀態後，之後才能再與電腦端同步進入待命或是休眠狀態。
12. ST2 使用 12V 規格電源轉接器，請勿使用 5V 電源轉接器以免損壞機器及資料。
13. 強烈建議除了使用 ST2 的資料儲存功能外，請針對重要資料備份到另一個儲存裝置上或遠端備份，雙重備份您重要的資料。若您儲存在 ST2 的資料損毀或遺失，STARDOM 將不負任何的責任。
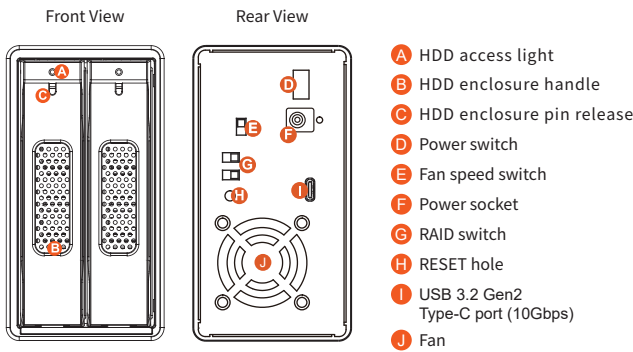
感謝您使用 **銳銨科技股份有限公司** 的產品。

本手冊裡的資訊在出版前雖然已經被詳細確認，但實際產品規格將已出貨時為準；任何的產品規格或相關資訊更新，請您直接上 **www.STARDOM.com.tw** 網站查詢，或直接與您的業務聯絡窗口聯繫，本公司將不另行通知。

如果您對 銳銨科技 的產品有任何疑問，或是想獲得最新產品訊息、使用手冊或韌體，請您聯絡 **services@stardom.com.tw**，我們將儘速回覆您。

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STARDOM
STORAGE SOLUTIONS

ST2-B31/ST2-BA31/ST2-B31A Quick Setup Guide

Product Illustration and Parts List

Front View   Rear View

A HDD access light
B HDD enclosure handle
C HDD enclosure pin release
D Power switch
E Fan speed switch
F Power socket
G RAID switch
H RESET hole
I USB 3.2 Gen2 Type-C port (10Gbps)
J Fan

The following items should be inside the package upon opening:

ST2 product x1 (containing HDD enclosure x2)	
USB 3.2 C to C cable x1 (for ST2-BA31/ST2-B31)	AC/DC Adapter x1
USB 3.2 C to A cable x1 (for ST2-BA31/ST2-B31A)	Power cable x1
Quick setup guide x1	Screws & Ejector pins

· Please check the included parts and the product itself for any damage or missing parts. If you have any questions, please contact the retailer or sales representative.
· Please download the user manual from the official website (www.stardom.com.tw)

NOTE:
Please make sure that the product is connected to the host (power on status) before turning on the power, otherwise the product will be on the sleep mode.

Stardom Storage Solutions

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The Indication of HDD Status

Status	HDD Status Light		
	RAID 0, BIG	RAID 1	JBOD
HDD idle	Blue light always on	Blue light always on	Blue light always on
No HDD detected	Red light always on	Red light always on	Red light always on
HDD failed	Red light flashing	Red light flashing	N/A
RAID failed	Red light flashing	Red light flashing	N/A
Data access	Blue light flashing	Blue light flashing	Blue light flashing
Rebuilding data - Source HDD	N/A	Breathing Blue Light	N/A
Rebuilding data - Target HDD	N/A	Breathing Purple Light	N/A

Hardware Installation

Please follow the instructions below to complete the hardware installation.

1. Open the package and take out the product making sure that all the enclosed contents are not damaged or missing. Should you find damages or missing contents, please contact your supplier immediately.
2. Place the enclosure on a stable surface, ensure that it is well ventilated without blockage to the vent and kept away from locations near water or where the product may become vulnerable resulting in damages.
3. Use the ejector pin included in the accessory kit and inserted into the pin release opening to eject the removable drive tray latch and extract the removable drive tray.
4. For 3.5" HDD/SSD, please secure it by use six the larger screws included in the accessory kit. For 2.5" HDD/SSD, please secure it by use four the smaller screws included in the accessory kit.

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5. When the HDD installation has been completed, insert the tray into the system horizontally and secure the latch into place.
6. Use the RAID switch on the back of ST2 to set the RAID mode to be used.
7. Depending on the type of computer USB port, select the corresponding USB cable in the accessory to connect the computer to the USB port on the ST2.
8. Connect the power cord to the power adapter, connect the connectors at both ends to the MR2 and the power socket, and then start the ST2.
9. After the computer is turned on, the storage capacity will be automatically recognized by the operating system. After the storage capacity is recognized successfully, please format the system according to your desired storage format and follow the instructions of the operating system. After the hard disk is formatted, the ST2 can be used directly.

※ If you are using a USB 3.2 C to A cable, the Type-A on the host side must be USB 3.2 Gen2 for best access performance.

RAID Mode Setting:

RAID 0   RAID 1   BIG   JBOD (default)

RAID 0：Provide a big storage capacity and the data transfer efficiency, but no data porotection feature.
RAID 1：Because of this Mirroring feature, your two HDDs/SSDs will keep an identical data after your wtiting works. In case one of the two HDDs/SSDs is defect, ST2 would still work fine with only one of them. And once inserting a good HDD/SSD as the defect replacement, it will do the rebuilding work by itself.
BIG：You could enjoy a double memory capacity from this BIG feature, but no data porotection feature.
JBOD：With JBOD mode, you could actually use the two HDDs/SSDs as the normal two storages for your large memory capacity requirement, but no data porotection feature.

The Standard Procedure to Switch RAID Setting:

Step 1: Please first connect ST2 to your Mac.
Step 2: Please set RAID Dip Switch to the position you demand.
Step 3: Please use the Key to press the hidden RESET key at the back-panel, hold and wait for the Blue-Purple LED blinking, and continue to hold it till a stable Blue light comes out.
Step 4: Please turn off your ST2, and turn it back on again. You now have reset ST2 with a new RAID mode successfully.
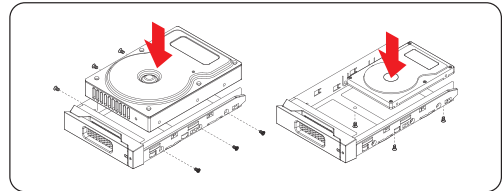
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Important Notice

1. This system can only transfer data to one computer through one interface at a time.
2. After the hard disk is formatted, the actual total capacity of the ST2 detected by the computer operating system will vary from the sum of all hard disk capacities stated by the manufacturer.
3. All existing data will be deleted when this product is set up for the first time. Please ensure that all data on the hard disk has been backed up before installation to avoid data loss.
4. Before a new HDD is installed in the ST2, please make sure that there are no bad tracks or defects to avoid data loss.
5. If the ST2 needs to be shut down or disconnected, please ensure the HDD is safely removed through your operating system before turning off the power.
6. To prevent data loss, do not remove any of the hard disks while the system is running.
7. Once the system has been initialized, do not switch hard disks around during use. Doing so may prevent the RAID from being recognized by the system.
8. Once RAID mode has been set up, the switching of hard drives will lead to the removal of data from the hard disks. Please be sure to backup the data on the hard disk before making any switches.
9. Please always connect the USB cable to the computer to ensure the energy saving function operating normally.
10. If the ST2 needs to be shut down or disconnected, please ensure the HDD is safely removed through your operating system before turning off the power.
11. Once the computer turn to "Standby" or "Sleep" mode, ST2 will still complete the rebuilding function. However, it will not change to "Standby" mode after rebuilding. You need to shut down the ST2 manually or wake up the computer to synchronize "Standby " or "Sleep" mode together.
12. ST2 uses a 12V/5V AC/DC Adapter. Please do not use other non-certified Power Adapter to avoid damaging to your ST2 unit.
13. We strongly recommend backing up important data stored on the ST2 to another storage device or a remote site. STARDOM will not be held liable for the damage or loss of data you stored on the ST2.

Thank you for choosing STARDOM's product.
The information provided in this manual was checked before publication, but the actual product specifications may have changed before shipping; Latest product specifications and updates can be found at www.STARDOM.com.tw or through your sales representative. No separate notifications will be provided by our company.
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