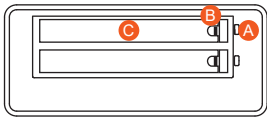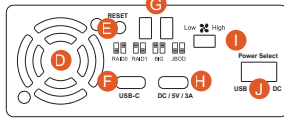# STARDOM
STORAGE SOLUTIONS

MR2-B31BP / MR2-BA31BP 快速安裝導引

產品示意圖與配件表

前視圖

背視圖

- Ⓐ 硬碟讀取燈
- Ⓑ 硬碟抽取盒頂針孔
- Ⓒ 硬碟抽取盒把手
- Ⓓ 風扇
- Ⓔ RESET 鈕
- Ⓕ USB 3.2 Gen2 Type-C 埠 (10Gbps)
- Ⓖ RAID 切換鈕
- Ⓗ USB Type-C 電源輸入埠 (電源輸入5V / 3A)
- Ⓘ 風扇轉速切換按鈕
- Ⓙ Power Select 開關

打開包裝外盒後，包裝內容應包含下列組件：

MR2 主體 x1(內含抽取盒 x2)	
USB 3.2 C to C 連接線 x1 (for MR2-BA31BP / MR2-B31BP)	
USB 3.2 C to A 連接線 x1 (for MR2-BA31BP)	
快速安裝導引 x1	頂針

- 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。
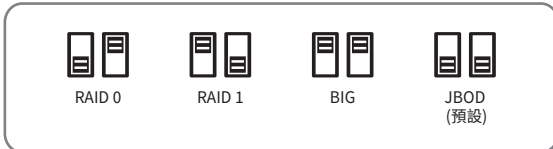- 請前往官網 (www.stardom.com.tw) 下載說明書、驅動程式以及其餘相關資源。

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。

f 銳銨科技

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
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 MR2 的硬體安裝：

1. 將系統擺放於穩固平台，並確認散熱風扇口沒有被其他物體擋住，系統四周有適當的散熱空間。(擺放環境請避免接近潮濕或其他易對產品造成損傷的環境)
2. 使用配件內附的頂針插入硬碟抽取盒頂針孔後，抽取盒門門將會輕彈彈開，便可取出抽取盒。
3. 安裝 2.5 吋硬碟安裝至抽取盒上。

注意：不建議使用不同廠牌，或是同廠牌不同型號的硬碟，避免影響效能。

4. 硬碟安裝完成後，請將抽取盒平移放入主機內，並關上把手。
5. 透過機體背面的 RAID 切換鈕，設定所要使用的 RAID 模式。
6. 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 MR2 的 USB 埠。
7. 將電源線與電源轉接器連接好，並將兩端接頭各自接到 MR2 及電源插座後，啟動 MR2。
8. 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。待硬盤格式化完成後，便可直接使用 MR2。

※ 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。
若單獨透過USB Type C to Type A線接上主機後無法正常啟動MR2，請透過另外一個 Type C埠額外供電後再接上主機。

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：

1. 請在 MR2 連線到電腦後，一併打開電腦和 MR2 的電源開關。
2. 在硬碟讀取燈的藍燈恆亮時，將在 MR2 背板上設定 RAID 的「切換開關」調至 JBOD。
3. 使用頂針插入「重置鍵」，待硬碟讀取燈上的藍紫燈結束閃爍，並轉成恆亮藍燈後鬆開頂針。
4. 在硬碟讀取燈的藍燈恆亮時，將在 MR2 背板上設定 RAID 的「切換開關」調到你所要的設定位置。
5. 使用頂針插入「重置鍵」，待硬碟讀取燈上的藍紫燈結束閃爍，並轉成恆亮藍燈後鬆開頂針。
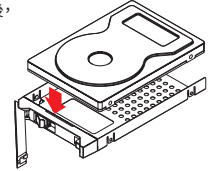6. 請您再做一次關、開 MR2 電源的動作後，您已經改變、並重新設定了 MR2 的 RAID。

產品使用注意事項

1. 硬碟格式化後，由電腦主機作業系統所辨識 MR2 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。
2. 當系統運作時，請勿任意移除，以免導致資料遺失。
3. 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。
4. 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。
5. 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。
6. 切換 RAID 模式前，均需先切換至 JBOD 後，再調整至所需要的模式。
7. 新增或變更 RAID 模式後需要重新啟動產品，以確保完成更新為新的 RAID 模式。
8. 當您需要關閉或移除 MR2 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。
9. 強烈建議除了使用 MR2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 MR2 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。
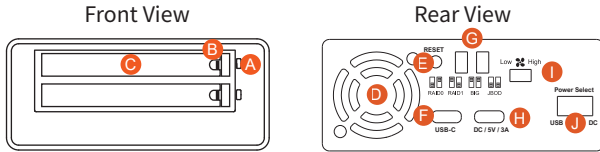
如果您對 銳銨科技 產品有任何疑問，或是想獲得最新產品訊息、使用手冊或韌體，請您聯絡 services@stardom.com.tw，我們將儘速回覆您。

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MR2-B31BP / MR2-BA31BP Quick Setup Guide

Product Illustration and Parts List

Front View

Rear View

- Ⓐ HDD access light
- Ⓑ HDD enclosure pin release
- Ⓒ HDD enclosure handle
- Ⓓ Fan
- Ⓔ RESET hole
- Ⓕ USB 3.2 Gen2 Type-C port (10Gbps)
- Ⓖ RAID switch
- Ⓗ USB Type-C for DC Input (DC input 5V/3A)
- Ⓘ Fan speed switch
- Ⓙ Power select switch

The following items should be inside the package upon opening:

MR2 product x1 (containing HDD enclosure x2)	
USB 3.2 C to C cable x1 (for MR2-BA31BP / MR2-B31BP)	
USB 3.2 C to A cable x1 (for MR2-BA31BP)	
Quick setup guide x1	Ejector pin

- Please check the product and accessories for any defect or missing parts. If you have any questions, please contact your product supplier.
- Please visit the official website - Download page (http://www.stardom.com.tw/STARDOM2016/download.php) to download other related resources.
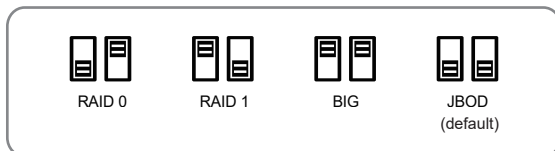
MOTE:
Please make sure that the product is connected to the host (power on status) before turning on the power, otherwise the product will be on the sleep mode.

Stardom Storage Solutions

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
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. Place the system on a stable surface. Ensure that the vent is not blocked and that it is installed in a well-ventilated area. (Please keep the product away from moisture and other environment that might be harmful to the product)
2. Use the ejector pin included in the accessory kit to eject the HDD enclosure handle, and then pull tray handle to remove it.
3. Mount the 2.5" HDD onto the removable tray.
4. When the HDD installation has been completed, insert the tray into the system horizontally and secure the latch into place.
5. Use the RAID switch on the back of MR2 to set the RAID mode to be used.
6. Depending on the computer's USB port type, select the corresponding USB cable in the accessory to connect the computer to the MR2's USB port.
7. 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 MR2.
8. 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 MR2 can be used directly.

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

If the MR2 cannot be powered after connecting to the host through the USB Type C to Type A cable alone, please use another Type C port to provide additional power before connecting to the host.

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 writing works. In case one of the two HDDs/SSDs is defect, MR2 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.

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.

BIG : You could enjoy a double memory capacity from this BIG feature, but no data porotection feature.

The Standard Procedure to Switch RAID Setting:

1. Please first connect MR2 to your computer.
2. When the blue light of the HDD access light is always on, please set RAID switch to JBOD.
3. Please use the key to press the RESET hole, wait for the Blue-Purple LED on the HDD access light to finish blinking, and turn it into a solid blue light, then release the key.
4. When the blue light of the HDD access light is always on, please set RAID switch to the position you demand.
5. Please use the key to press the RESET hole, wait for the Blue-Purple LED on the HDD access light to finish blinking, and turn it into a solid blue light, then release the key.
6. Please turn off your MR2, and turn it back on again. You now have reset MR2 with a new RAID mode successfully.
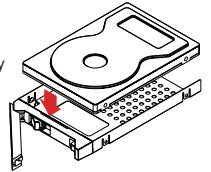

Important Notice

1. After the hard disk is formatted, the actual total capacity of the MR2 detected by the computer operating system will vary from the sum of all hard disk capacities stated by the manufacturer.
2. To prevent data loss, do not remove MR2 while the system is running.
3. Please always connect the USB cable to the computer to ensure the energy saving function operating normally.
4. 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.
5. 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.
6. Before switching the RAID mode, you need to switch to JBOD before adjusting to the required mode.
7. The product needs to be restarted after adding or changing the RAID mode, and the update is guaranteed to be the new RAID mode.
8. If the MR2 needs to be shut down or disconnected, please ensure the HDD is safely removed through your operating system before turning off the power.
9. We strongly recommend backing up important data stored on the MR2 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 MR2.