

(7) Sleep Mode

The Mobius Pro does not have an auto-sleep timer. However, it will follow the sleep settings of the computer. When your computer enters sleep mode, the drives inside the Mobius will spin down.

(8) RAID 1 Rebuild

If one of the drives fail, the drive's LED will change from BLUE to RED when connected to a computer. A new HDD can be installed and will automatically rebuild with data (if configured for RAID 1).

Note: The replacement drive must be the same capacity as the original.

1. Power down the Mobius.
2. Remove the failed drive.
3. Install the new drive and power up the Mobius.
4. The LEDs will blink twice per second, which indicates a rebuild in progress. This can take several hours.

(9) Troubleshooting and FAQ

1) Does a "Clear" procedure delete data from existing RAID 1 or JBOD drive(s)?

No, if a Clear procedure is performed on RAID 1 or JBOD drives, the existing data on the drives will not be deleted.

2) Can I remove a drive from the RAID and install it in another enclosure for access to the files?

Yes, only if using RAID 1 (Mirroring) or JBOD.

3) Can I connect the Mobius Pro to a Thunderbolt 3 port?

Yes, the Mobius Pro is fully compatible with Thunderbolt 3 as well as USB 3.1 and 3.0.

4) Is the Mobius Pro compatible with Thunderbolt 2 using a Thunderbolt 3 adapter?

No, the Mobius Pro is not compatible with Thunderbolt 2 using an adapter of any make or model.

For other questions please contact tech support or visit the FAQ section of our Web site (www.oyendigital.com/support.html).

Technical Support: tech@oyendigital.com

(10) Warranty Information

This product includes a two (2) year repair/replacement warranty provided by Oyen Digital. This warranty is non-transferable and is limited to the original purchaser. Warranty service may be requested by completing the form at the following link: www.oyendigital.com/rma-request-form.html

For our complete warranty policy, visit:
www.oyendigital.com/warranty.html

(11) Safety and Compliance

Location and placing precautions

- Avoid positioning it in locations with direct sunlight or other sources of heat with high temperatures (over 120° F).
- Do not expose the product to water or humid conditions.
- Do not move the device while it is powered on.
- Ensure that the device is on a clean, firm, and stable surface.
- To allow proper ventilation, do not block or disable the fan.

Regulatory Compliance

FCC Class B Information: This device has been tested and found to comply with the limits of 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 unit 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 or television reception. However, there is no guarantee that interference will not occur in a particular installation.



Mobius Pro 2-Bay RAID System User Guide

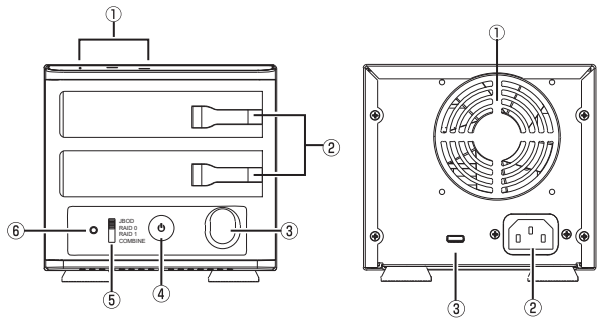
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(1) Specifications

Application	• 2 x SATA HDD/SSD
Interface/Ports	• USB-C (USB 3.1 Gen 2, 10Gbps) Compatible with Thunderbolt 3
RAID Modes	• RAID 0 Striping • RAID 1 Mirroring • JBOD Clear (independent drives) • BIG (non-RAID single volume)
System Requirements	• Windows 7 or higher • Mac OS 10.6 or higher • Linux 3.13 or later
Operating Environment	• Temperature: 5°C ~ 40°C • Humidity: 10%RH ~ 80%RH
Power	Input: AC 100-240V, 50-60Hz
Enclosure Size	8.25 x 4.5 x 5.0 inches

(2) Detailed View



- | | | |
|-----------------------|-----------------|-----------------------------|
| 1. Power & Drive LEDs | 4. Power Button | 1. Cooling Fan |
| 2. Drive Eject Lever | 5. RAID Switch | 2. 100-240VAC Power Input |
| 3. Lock Inlet | 6. Set Button | 3. USB-C USB 3.1 Gen 2 Port |

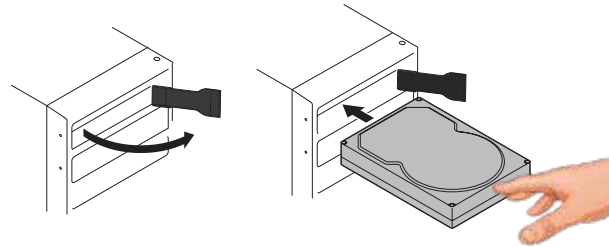
LED indicators

State	Power LED	Drive 1 (D1)	Drive 2 (D2)
Powered & ready	Solid White	Solid Blue	Solid Blue
Read/Write activity	Solid White	Fast rapid blinking	Fast rapid blinking
Drive Error or missing	Solid White	Red	Red
HDD Sleep	Solid White	Off	Off
RAID 1 Rebuilding	Solid White	Slow steady blink	Slow steady blink

* **Note:** HDD1 & HDD2 LEDs will be OFF when the Mobius is not connected to a computer.

(3) Inserting or Removing Drives

Inserting: Gently pull the lever and insert/remove the drive into the bay. Push the drive all the way into the bay until you feel it seated into the connector. Release the lever.



(4) Setup

The default mode is JBOD. To set a new mode, perform these steps:

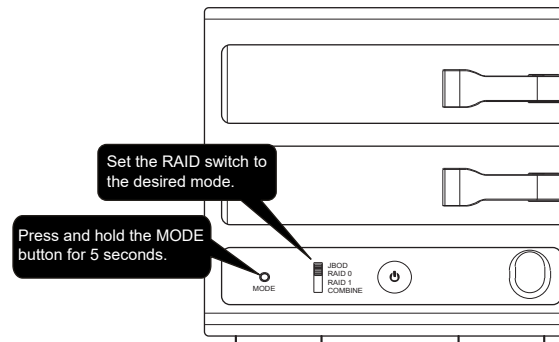
Set RAID Procedure:

1. Set the switch on the Mobius to the desired mode.
2. Connect the Mobius to the host computer.
3. Press & hold the MODE button for 5-7 seconds.
4. Release the MODE button. The RAID mode is now configured.

If changing RAID modes, you first **must perform** a "Clear" procedure to remove the previous RAID mode.

Clear Procedure:

1. Set the switch on the Mobius to JBOD.
2. Connect the Mobius to the host computer.
3. Press & hold the MODE button for 5-7 seconds.
4. Release the MODE button. Any previous RAID mode is removed and the drives are now set for JBOD mode.



(5) RAID Modes

RAID 0 (Striping) is a non-redundant data mapping technique. It combines data evenly across both drives simultaneously; dramatically increasing performance.

- RAID 0 will be viewed as one single storage unit. If one disk in the RAID System fails, all data in installed disks will be lost.
- The total capacity = smallest drive x the total number of drives. For example, if the smallest drive is 500GB and the other is 2TB, the total capacity will be 1TB (500 x 2).

RAID 1 (Mirroring) consists of two drives storing duplicate copies of the same data. In this mode, the data is simultaneously written to two disks. The speed of operation is slow in comparison to RAID 0.

JBOD (Clear) is simply a collection of drives that are recognized as separate drives by the OS. JBOD provides no performance increase or redundancy. This is the **default** setting.

Combine (Span) combines both hard drives into a single logical unit. Unlike Striping, it writes data to the first drive until it reaches full capacity. When the first disk reaches full capacity, data is written to the second disk. Spanning does not increase performance or safety.

(6) Formatting

After setting a new RAID mode, you must format the volume before it is accessible.

To format using Windows:

<http://oyendigital.com/windows-reformat.html>

To format using MAC OS:

<http://oyendigital.com/mac-reformat.html>

Note: The drive can be used on both Windows and Mac systems by formatting the drive as "MS-DOS (FAT32)" or "exFAT." Instructions are provided in the Mac OS link above.