

Yottamaster KA-100

Yottamaster KA-100 1-Bay HDD/SSD Docking Station User Manual

Model: KA-100

1. INTRODUCTION

The Yottamaster KA-100 is a versatile 1-bay docking station designed for 2.5-inch and 3.5-inch SATA HDDs and SSDs. It offers high-speed data transfer up to 10Gbps via USB 3.2 Gen 2 Type-C, supports large capacities up to 18TB per drive, and features a tool-free design for easy installation. This manual provides instructions for setting up, operating, and maintaining your docking station.

Package Contents

- Yottamaster KA-100 1-Bay HDD/SSD Docking Station
- Power Adapter (12V2A)
- USB-C to USB-A Data Cable
- USB-C to USB-C Data Cable
- User Manual (this document)



This image displays the Yottamaster KA-100 1-Bay HDD/SSD docking station, its power adapter, and the included USB-C to USB-A and USB-C to USB-C data cables, ready for connection.

2. SETUP

2.1 Installing a Hard Drive or SSD

1. Ensure the docking station is powered off and disconnected from your computer.
2. Gently insert your 2.5-inch or 3.5-inch SATA HDD/SSD into the top slot of the docking station. Ensure the drive is fully seated in the SATA connector. The tool-free design allows for quick and easy insertion.
3. Verify that the drive is stable and properly aligned within the bay.



This image illustrates the simple, tool-free process of inserting a 3.5-inch hard disk drive into the top slot of the Yottamaster KA-100 docking station. The drive slides vertically into the bay.

2.2 Connecting to Your Computer

1. Connect the power adapter to the docking station's DC input port and then plug it into a power outlet.
2. Use one of the provided USB data cables (USB-C to USB-A or USB-C to USB-C) to connect the docking station to an available USB port on your computer.
3. The docking station will power on, indicated by the RGB light. Your operating system should automatically detect the connected drive.

3. OPERATING

3.1 Data Transfer

Once connected, the installed HDD/SSD will appear as an external drive on your computer. You can now drag and drop files, perform backups, or manage data as you would with any other storage device. The docking station supports USB 3.2 Gen 2 with UASP acceleration for transfer speeds up to 10Gbps, ensuring efficient data operations.

効率的なファイルバックアップとデータ転送

大切なデータを守ります



The docking station is shown connected to a computer, actively transferring data from an inserted HDD. This highlights its function for efficient file backup and data management.

3秒で1GBのファイル転送

読み書きの高速化



USB 3.2 GEN 2
高速転送

UASP
USB 3.2 GEN 2
USB 2.0

480Mbps

10Gbp

20X USB 2.0より
20倍高速

This graphic highlights the high-speed data transfer capabilities of the docking station, featuring USB 3.2 Gen 2 with UASP support for up to 10Gbps, which is significantly faster than USB 2.0.

3.2 Drive Capacity and Compatibility

- Supports single drives up to 18TB capacity.
- Compatible with 2.5-inch and 3.5-inch SATA I/II/III HDDs and SSDs.
- Not compatible with IDE (Parallel ATA) drives.

18TB拡張大容量ストレージ

大切な思い出や重要なデータを、忘れることなく守ります。



シングルディスクで最大18TBの拡張に対応

The image emphasizes the large storage capacity supported by the docking station, capable of handling a single hard drive up to 18TB, suitable for extensive data storage needs.

すべての2.5"/3.5 "SATA VIVII HDDおよび SSDに工具不要で取り付け可能

プラグアンドプレイ、2台の18TBSSDから同時に読み書き可能



This diagram clarifies the compatibility of the docking station, indicating support for 2.5-inch and 3.5-inch SATA (Serial ATA) HDD/SSD drives, while explicitly showing incompatibility with older IDE (Parallel ATA) SSDs.

3.3 Multi-Purpose Use

The Yottamaster KA-100 is compatible with various operating systems including Windows, Mac, and Linux. It can be connected to a wide range of devices such as PCs, laptops, smart TVs, routers, and even gaming consoles like PS4, serving as a versatile external storage solution.



This image demonstrates the versatile applications of the Yottamaster KA-100, showing it connected to various devices such as a smart TV/projector, a desktop computer, a smartphone, and a game console, illustrating its broad compatibility.

4. MAINTENANCE

- Keep the docking station in a clean, dry environment away from direct sunlight and extreme temperatures.
- Avoid dropping or subjecting the device to strong impacts.
- To clean, use a soft, dry cloth. Do not use liquid cleaners or solvents.
- Ensure proper ventilation around the device to aid in heat dissipation. The compact design is optimized for this.

安定した耐久設計

高性能と高速放熱を実現



This image showcases the robust and stable design of the Yottamaster KA-100 docking station, engineered for durability and efficient heat dissipation to ensure reliable performance.

5. TROUBLESHOOTING

5.1 Drive Not Detected

- Ensure the power adapter is securely connected and the docking station is powered on.
- Verify that the HDD/SSD is correctly inserted into the bay and fully seated.
- Try connecting the docking station to a different USB port on your computer.
- Test with a different USB data cable.
- If it's a new drive, it might need to be initialized and formatted in your operating system's Disk Management (Windows) or Disk Utility (Mac).
- Ensure the drive itself is functional by testing it in another enclosure or directly connecting it to a computer if possible.

5.2 Slow Transfer Speeds

- Ensure you are using a USB 3.0/3.1/3.2 port on your computer. Connecting to a USB 2.0 port will limit

speeds.

- Verify that your operating system and drivers are up to date.
- The actual transfer speed can be affected by the performance of the HDD/SSD itself.
- Ensure UASP is enabled by your operating system (usually automatic with compatible hardware).

5.3 RGB Light Not On

- Check if the power adapter is properly connected to both the docking station and the power outlet.
- Ensure the power outlet is functional.

6. SPECIFICATIONS

Feature	Detail
Brand	Yottamaster
Model	KA-100
Product Model Number	Yottamaster-KA100-JP-BK-official-3
Drive Compatibility	2.5-inch / 3.5-inch SATA I/II/III HDD/SSD
Max Capacity	Up to 18TB (single drive)
Interface	USB 3.2 Gen 2 Type-C
Transfer Speed	Up to 10Gbps (with UASP support)
Power Supply	12V2A Power Adapter
Operating System Support	Windows, Mac, Linux
Special Features	Tool-free installation, RGB lighting, Aluminum construction
Package Dimensions	5.08 x 2.54 x 2.54 cm
Weight	1 g (product weight, package weight not specified)
Battery Usage	No