**FIDECO YPZ03SN**

# FIDECO Hard Drive Docking Station YPZ03SN User Manual

Model: YPZ03SN

## 1. Introduction

The FIDECO Hard Drive Docking Station YPZ03SN is a versatile external storage solution designed for easy access to various types of hard drives and solid-state drives. It supports 2.5-inch and 3.5-inch SATA HDDs/SSDs, as well as M.2 NVMe and M.2 SATA SSDs. Featuring a built-in cooling fan, this docking station ensures optimal operating temperatures for your drives during data transfer.
This manual provides detailed instructions for setting up, operating, and maintaining your FIDECO docking station, along with troubleshooting tips and product specifications.


Image 1.1: FIDECO Hard Drive Docking Station with examples of supported drives (2.5" SATA, 3.5" SATA, M.2 NVMe/SATA SSDs).

## 2. Package Contents

Please verify that all items are present in your package:

- 1x FIDECO Hard Drive Docking Station (Model: YPZ03SN)
- 1x USB-C to USB-C Cable with USB-A Adapter
- 1x Power Adapter (DC 12V)
- 1x User Manual (this document)

## 3. Product Features

- **Universal Compatibility:** Supports 2.5"/3.5" SATA HDDs/SSDs and M.2 NVMe/SATA SSDs.
- **High-Speed Data Transfer:** Up to 10Gbps for M.2 NVMe SSDs and 5Gbps for 2.5"/3.5" SATA drives.

- **Efficient Cooling:** Integrated cooling fan with an independent switch to prevent overheating.
- **Plug and Play:** Driver-free installation for Windows, Mac OS, and Linux operating systems.
- **Easy Connectivity:** Includes a USB-C to USB-C cable with an attached USB-A adapter for broad device compatibility.

## 4. Setup Instructions

### 4.1 Identifying Components


Image 4.1: Top and rear view of the docking station highlighting key components and ports.

1. **SATA Interface:** For 2.5-inch and 3.5-inch SATA HDDs/SSDs.
2. **M.2 SSD Interface:** For M.2 NVMe and M.2 SATA SSDs.
3. **LED Light:** Indicates power and activity status.
4. **Cooling Fan:** Provides active cooling for inserted drives.
5. **Type-C Port:** Connects to your computer via the provided USB cable.
6. **Power Button:** Turns the docking station on or off.
7. **Cooling Fan Switch:** Toggles the cooling fan on or off independently.

8. **DC 12V Port:** Connects to the included power adapter.

## 4.2 Connecting the Docking Station

1. Connect the provided power adapter to the DC 12V port on the docking station and then to a power outlet.
2. Connect the USB-C end of the data cable to the Type-C port on the docking station.
3. Connect the other end of the data cable (USB-C or USB-A, using the adapter if necessary) to an available USB port on your computer.
4. Press the Power Button to turn on the docking station. The LED light will illuminate.

## 4.3 Inserting a Hard Drive/SSD

**Important: Only one hard drive or SSD can be inserted and used at a time.**


Image 4.2: Visual guide for compatible M.2 SSD and SATA HDD/SSD types.

- **For 2.5"/3.5" SATA HDD/SSD:** Gently slide the SATA drive into the SATA interface slot until it is firmly seated. Ensure the drive's connectors align with the docking station's connectors.
- **For M.2 NVMe/SATA SSD:** Insert the M.2 SSD into the M.2 SSD interface slot at an angle, then gently push down to secure it. Ensure the M.2 key type (M-Key or B+M Key for NVMe; B+M Key for SATA)

matches the slot.

**Note for New Drives: For new HDDs or SSDs, they must be initialized and formatted by your computer's operating system before they can be recognized and used. Refer to your operating system's disk management tools for this process.**

## 5. Operating Instructions

### 5.1 Data Transfer

Once a drive is properly inserted and the docking station is connected and powered on, your computer should automatically detect the drive. You can then access, transfer, and manage files as you would with any internal or external drive.


Image 5.1: High-speed data transfer with an M.2 NVMe SSD, reaching up to 10Gbps.


Image 5.2: Data transfer with a 2.5"/3.5" SATA HDD/SSD, reaching up to 5Gbps.

## 5.2 Cooling Fan Operation

The docking station features a cooling fan to maintain optimal drive temperatures, especially during extended use or large data transfers. The fan has an independent switch located at the rear of the unit.

- To turn the cooling fan **on**, slide the Cooling Fan Switch to the 'ON' position.
- To turn the cooling fan **off**, slide the Cooling Fan Switch to the 'OFF' position.


Image 5.3: Demonstrates the effectiveness of the cooling fan in reducing drive temperature.

## 5.3 System Compatibility

The FIDECO docking station is designed for broad compatibility and operates without the need for additional drivers on most modern operating systems.


Image 5.4: The docking station offers driver-free, plug-and-play functionality across Windows, Mac OS, and Linux.

## 6. Maintenance

To ensure the longevity and optimal performance of your FIDECO Hard Drive Docking Station and the drives connected to it, consider the following maintenance guidelines:

- **Keep Clean:** Regularly clean the docking station and its ports with a soft, dry cloth to prevent dust accumulation, especially around the cooling fan vents.
- **Proper Handling:** Always handle hard drives and SSDs with care. Avoid dropping or subjecting them to physical shock.
- **Cooling Fan Use:** Utilize the cooling fan during prolonged data transfers or when accessing drives for extended periods to prevent overheating, which can impact drive performance and lifespan.
- **Safe Removal:** Always safely eject or unmount drives from your operating system before physically removing them from the docking station or disconnecting the docking station from your computer.

## 7. Troubleshooting

If you encounter issues with your FIDECO Hard Drive Docking Station, please refer to the following common solutions:

- **Drive Not Detected:**
  - Ensure the docking station is powered on and the LED indicator is lit.
  - Verify that the drive is correctly and firmly seated in its slot.
  - Try connecting the docking station to a different USB port on your computer.
  - If it's a new drive, ensure it has been initialized and formatted in your operating system's Disk Management (Windows) or Disk Utility (Mac OS).
  - Test with a different known-good drive to rule out a drive issue.
- **Slow Data Transfer Speed:**
  - Ensure you are using a USB 3.0/3.1/3.2 port on your computer for optimal speeds. Connecting to a USB 2.0 port will result in slower speeds.
  - Check the condition of your USB cable. Try a different cable if available.
  - Ensure the cooling fan is active during large transfers to prevent thermal throttling.
  - The actual speed may vary depending on the drive's performance and your computer's system configuration.
- **Cooling Fan Not Working:**
  - Ensure the Cooling Fan Switch is in the 'ON' position.
  - Check if the docking station is receiving power.

If these steps do not resolve your issue, please contact FIDECO customer support.

## 8. Specifications

| Feature | Detail |
|---|---|
| Model Number | YPZ03SN |
| Brand | FIDECO |
| Compatible Devices | Personal Computer, Laptops, OTG-enabled Phones/Tablets |
| Supported Hard Disk Form Factors | 2.5 Inches, 3.5 Inches (SATA HDD/SSD), M.2 (NVMe/SATA SSD) |
| Max Number of Supported Devices | 1 (one drive at a time) |
| Data Transfer Rate | Up to 10 Gigabits Per Second (M.2 NVMe), Up to 5 Gigabits Per Second (SATA) |
| Hardware Interface | USB Docking Station (USB 3.2 Gen 2 Type-C) |
| Operating System Compatibility | Windows, Mac OS, Linux |
| Material | Acrylonitrile Butadiene Styrene (ABS) |
| Color | Black & Silver |

| Feature | Detail |
| --- | --- |
| Product Dimensions | 4.65 x 4.84 x 6.97 inches |
| Item Weight | 7.8 ounces (220 Grams) |

## 9. Warranty and Support

FIDECO is committed to providing quality products and customer satisfaction. For technical support, firmware updates, or warranty inquiries, please contact our support team.

- **Email Support:** support@fideco.cn
- **Warranty Information:** Please refer to the product packaging or contact FIDECO customer support for specific warranty terms and conditions.

### Related Documents - YPZ03SN

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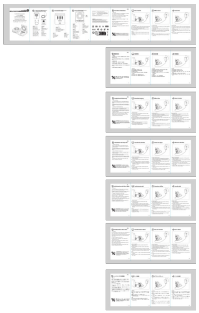
|  | FIDECO HDD Docking Station User Manual<br>Comprehensive user manual for the FIDECO HDD Docking Station, detailing setup, usage, and features for HDD/SSD enclosures, USB hubs, and PC peripherals. |
|  | FIDECO M248 SSD Enclosure User Manual<br>User manual for the FIDECO M248 SSD Enclosure, providing setup and usage instructions for HDD/SSD docking and USB hub functionality. |
|  | FIDECO PL03 User Manual: SSD Enclosure, Docking Station, USB Hub<br>Comprehensive user manual for the FIDECO PL03, detailing setup, features, usage, and troubleshooting for this versatile SSD enclosure, docking station, and USB hub. |

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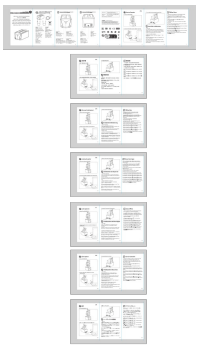
|  | FIDECO YPZ220C SSD Enclosure User Manual<br>User manual and guide for the FIDECO YPZ220C SSD enclosure, detailing setup, usage, and specifications for connecting HDDs/SSDs and USB devices. |
|  | FIDECO USB 3.0 to SATA IDE Adapter: Quick Start Guide<br>A concise guide to using the FIDECO USB 3.0 to SATA IDE Adapter for initializing hard drives, transferring data, and performing offline cloning operations. |
|  | FIDECO HDD Docking Station User Manual<br>Comprehensive user manual for the FIDECO HDD Docking Station, detailing setup, usage, and features for HDD/SSD enclosures, USB hubs, and PC peripherals. |