ikuai B0C3XNNDVR

ikuai 3.5-inch Aluminum USB 3.0 / USB C to SATA Hard Drive Enclosure Instruction Manual

Model: B0C3XNNDVR

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ikuai 3.5-inch Aluminum USB 3.0 / USB C to SATA Hard Drive Enclosure. Please read this manual thoroughly before use to ensure proper functionality and longevity of the product.

PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- 1x ikuai USB 3.0 to SATA Aluminum External Hard Drive Enclosure
- 1x 12V/2A Power Adapter
- 1x 2-in-1 USB 3.0 Data Cable (USB-A and USB-C compatible)
- 1x Accessory Kit (includes screws and screwdriver)

Image: The package contents include the enclosure, power adapter, 2-in-1 USB cable, and an accessory kit with screws and a screwdriver.

SETUP INSTRUCTIONS

Follow these steps to install your 3.5-inch SATA HDD or SSD into the enclosure:

1. **Open the Enclosure:** Gently slide open the aluminum casing to reveal the internal tray.

2. **Insert Hard Drive:** Carefully insert your 3.5-inch SATA HDD or SSD into the internal tray, ensuring the SATA connectors align properly.

3. **Secure Hard Drive:** Use the provided screws from the accessory kit to secure the hard drive to the internal tray.

4. **Close Enclosure:** Slide the internal tray back into the aluminum casing until it is fully closed.

5. **Tighten Screws:** Use the remaining screws to secure the enclosure casing.

6. **Connect Power:** Plug the 12V/2A power adapter into the DC jack on the enclosure and then into a power outlet.

7. **Connect Data Cable:** Connect the 2-in-1 USB 3.0 data cable to the USB 3.0 input on the enclosure and to an available USB-A or USB-C port on your computer or compatible device.

8. **Power On:** Press the power button on the enclosure to turn it on. The LED indicators will illuminate.

Image: Visual guide for hard drive installation: 1. Insert 3.5" SATA HDD, 2. Secure the HDD with screws, 3. Slide back into the case, 4. Tighten the screws.

Image: The ikuai enclosure is shown connected to a 24W power adapter and a computer, illustrating a typical setup.

Connectivity and Data Transfer

The enclosure features a 2-in-1 USB 3.0 cable, compatible with both USB-A and USB-C ports, including Thunderbolt ports. This allows for flexible connection to various devices such as PCs, Macs, Linux systems, gaming consoles (Xbox, PlayStation), Smart TVs, and routers. Data transfer speeds can reach up to 5Gbps via USB 3.0, with UASP support enhancing performance up to 6Gbps.

Image: The 2-in-1 hybrid data cable features both USB-A and USB-C connectors. The enclosure is compatible with Windows, Mac OS, Linux, Gaming Consoles, TV, and Router systems.
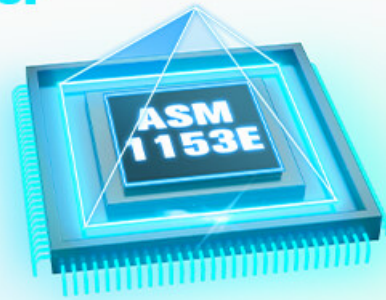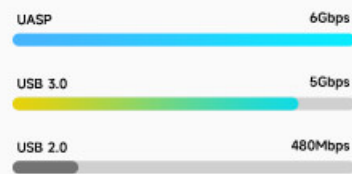
Image: This graphic compares data transfer speeds: UASP at 6Gbps, USB 3.0 at 5Gbps, and USB 2.0 at 480Mbps, highlighting the speed advantage with UASP and the ASM1153E chip.

LED Indicators

The enclosure features two LED indicators:

- **Red LED:** Indicates power status.
- **Blue LED:** Indicates hard drive activity (data transfer).

Auto-Sleep Function

The enclosure is equipped with an ASM1153e chip that enables an automatic sleep function. If there is no data activity for 10 minutes, the enclosure will enter sleep mode to conserve power and extend the lifespan of the hard drive. The hard drive will automatically wake up upon data access.

Image: The enclosure features an auto-sleep function that activates after 10 minutes of inactivity, indicated by a clock icon.

MAINTENANCE

To ensure optimal performance and longevity of your ikuai hard drive enclosure, consider the following:

- **Heat Dissipation:** The aluminum shell and ABS inner tray are designed for effective heat dissipation. Ensure the enclosure is placed in a well-ventilated area.
- **Placement:** The enclosure can be used flat or vertically with the included stand. Choose a stable surface to prevent accidental drops.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the enclosure. Avoid liquid cleaners or abrasive materials.
- **Firmware Updates:** Periodically check the ikuai support website for any available firmware updates that may improve performance or address known issues.

Safe and Robust

7.1in / 180mm
1.25in / 31.75mm
4.3in 109mm

Aluminum Alloy Paned

Power Button
Pres Once to Turn it ON
Pres and Hold the buton for 3 seconds to Turn it OFF

LED Indicator

USB 3.0 Input

DC Jack

Heat Dissipation Hole

Enclosure Stand

ikuai
USB3.0 SATA III 3.5" HDD ENCLOSURE

Image: A detailed view of the enclosure highlighting its aluminum alloy panel, power button, LED indicators, USB 3.0 input, DC jack, heat dissipation holes, and enclosure stand. Dimensions are also provided.

TROUBLESHOOTING

If you encounter issues with your ikuai hard drive enclosure, refer to the following common problems and solutions:

- **Enclosure not recognized by computer:**

  - Ensure all cables (power and data) are securely connected.
  - Try connecting the enclosure to a different USB port on your computer.
  - Test with a different USB cable if available.
  - Verify the hard drive is properly seated and secured within the enclosure.
  - Check Disk Management (Windows) or Disk Utility (Mac) to see if the drive is detected but uninitialized or unformatted.

- **Hard drive not spinning up or no activity LED:**

  - Confirm the power adapter is correctly connected and receiving power.
  - Ensure the power button on the enclosure is pressed to the 'On' position.
  - Test the hard drive in another enclosure or directly connect it to a computer (if possible) to rule out a drive failure.

- **Slow data transfer speeds:**

  - Ensure you are connected to a USB 3.0 port on your computer. USB 2.0 ports will result in significantly slower speeds.
  - Verify your operating system and drivers are up to date.
  - Check if UASP is enabled on your system (if supported).

- **Auto-sleep function not working as expected or disabling:**

  - The auto-sleep function activates after 10 minutes of inactivity. Ensure there are no background processes accessing the drive.
  - If you wish to disable or modify the sleep function, check the ikuai support website for specific firmware tools or instructions, as this may require a firmware update.

SPECIFICATIONS

Brand	ikuai
Model	B0C3XNNDVR
Compatible Devices	Laptop, PC, Mac, Linux, Xbox, PlayStation, Smart TV, Router
Hard Disk Form Factor	3.5 Inches (also supports 2.5 inches with adapter, not included)
Hardware Interface	SATA 6.0 Gb/s
Data Transfer Rate	5 Gigabits Per Second (USB 3.0), up to 6 Gigabits Per Second (with UASP)
Memory Storage Capacity	Up to 20 TB
Material	Aluminum, Acrylonitrile Butadiene Styrene (ABS)
Item Weight	0.55 Kilograms / 1.21 pounds
Package Dimensions	7.91 x 4.69 x 3.5 inches
Features	UASP Support, S.M.A.R.T Support, Auto-Sleep Function (10 minutes inactivity), LED Indicators

WARRANTY AND SUPPORT

ikuai products are designed for reliable performance. For warranty information, technical support, or to inquire about firmware updates, please visit the official ikuai website or contact their customer service. Keep your purchase receipt for warranty claims.

For further assistance, you may refer to the ikuai Brand Store on Amazon.