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Inateck FE3001

Inateck FE3001 USB 3.0 External Hard Drive Enclosure User Manual

Model: FE3001

Introduction

Thank you for choosing the Inateck FE3001 USB 3.0 External Hard Drive Enclosure. This manual provides detailed instructions for setting up, operating, and maintaining your device. Please read this manual thoroughly before use to ensure proper functionality and longevity of your product.
The Inateck FE3001 is designed to house 3.5-inch and 2.5-inch SATA hard drives or SSDs, transforming them into external storage solutions. Its aluminum alloy construction ensures efficient heat dissipation and durability, while the USB 3.0 interface provides high-speed data transfer.

Package Contents

- Inateck FE3001 USB 3.0 External Hard Drive Enclosure
- USB 3.0 Data Cable
- 12V/2A Power Adapter
- Screwdriver
- Mounting Screws
- Foam Pads (for drive stabilization)
- User Manual



Image: All components included in the package, showing the enclosure, USB cable, power adapter, screwdriver, screws, and the instruction manual.

Product Features

- Supports 3.5-inch and 2.5-inch SATA I/II/III HDDs and SSDs.
- USB 3.0 interface with data transfer rates up to 5 Gbps (backward compatible with USB 2.0/1.0).
- UASP (USB Attached SCSI Protocol) support for enhanced performance.
- Plug & Play and Hot-Swap compatible, no driver installation or reboot required.
- Durable aluminum alloy casing for effective heat dissipation.
- Dedicated power switch for convenient control.
- Supports up to 20TB capacity hard drives.





Image: Close-up view of the internal chipset (ASM1153E) highlighting its support for SuperSpeed Transfer, SATAIII (6Gbps max), and UASP protocol.

Setup Guide

1. Installing the Hard Drive/SSD

1. Gently slide open the enclosure cover.
2. Carefully insert your 3.5-inch or 2.5-inch SATA hard drive or SSD into the enclosure's SATA connector, ensuring a firm connection.
3. (Optional) Use the provided foam pads to secure smaller 2.5-inch drives if there is any movement.
4. Align the drive with the screw holes and use the provided screws and screwdriver to secure the drive to the internal tray.
5. Slide the enclosure cover back into place until it clicks securely.



Image: A hard drive being partially inserted into the enclosure, demonstrating the installation process. The image also indicates support for all SATA hard drive disks up to 20TB capacity.

2. Connecting to Your Computer

1. Connect the provided 12V/2A power adapter to the DC12V port on the back of the enclosure.
2. Plug the power adapter into a wall outlet.
3. Connect one end of the USB 3.0 data cable to the USB 3.0 port on the enclosure.
4. Connect the other end of the USB 3.0 data cable to an available USB 3.0 port on your computer (backward compatible with USB 2.0/1.0 ports).



Image: The Inateck FE3001 enclosure shown with its power adapter and USB 3.0 cable, illustrating the necessary power and data

connections.

Operating Instructions

Powering On/Off

Locate the power switch on the back of the enclosure. Flip the switch to the 'On' position to power on the device. The power indicator LED will illuminate. To power off, flip the switch to the 'Off' position.



Image: A close-up view of the rear panel of the enclosure, showing the USB 3.0 port, DC12V power input, and the power switch. This highlights the convenient button for protecting your hard drive.

Drive Recognition

Once powered on and connected to your computer, the operating system (Windows, macOS, Linux, Android) should automatically detect the enclosure and the installed hard drive/SSD. No additional drivers are typically required.
If the drive is new or unformatted, you may need to initialize and format it through your operating system's Disk Management (Windows) or Disk Utility (macOS) before it can be used for storage.

Data Transfer

You can now transfer files to and from the installed hard drive/SSD as you would with any other external storage device. The USB 3.0 interface provides high-speed data transfer for efficient operations.
The enclosure supports hot-swapping, meaning you can connect or disconnect it from your computer while the computer is running, provided you safely eject the drive first through your operating system.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the enclosure. Avoid using liquid cleaners or solvents.
- **Heat Dissipation:** The aluminum alloy casing is designed for efficient heat dissipation. Ensure the enclosure is placed in a well-ventilated area and not covered to prevent overheating, especially during prolonged use.
- **Safe Ejection:** Always safely eject the hard drive from your operating system before disconnecting the USB cable or powering off the enclosure to prevent data corruption.
- **Storage:** When not in use, store the enclosure in a cool, dry place away from direct sunlight and extreme temperatures.



Image: A close-up of the brushed metal surface of the enclosure, highlighting its sturdy and durable quality, which also aids in heat dissipation.

Troubleshooting

Problem	Possible Cause	Solution
Enclosure not recognized by computer.	Loose USB cable connection. Insufficient power. Drive not properly installed. Drive not initialized/formatted.	Ensure USB cable is securely connected to both enclosure and computer. Verify power adapter is connected and plugged into a working outlet. Check if the hard drive is firmly seated in the SATA connector. Initialize and format the drive via Disk Management (Windows) or Disk Utility (macOS).
Slow data transfer speeds.	Connected to a USB 2.0 port. UASP not enabled/supported. Drive performance limitations.	Connect the enclosure to a USB 3.0 port on your computer. Ensure your operating system and USB host controller support UASP. Check the specifications of your hard drive/SSD.
Enclosure disconnects randomly.	Loose connections. Power supply issue. Overheating.	Check all cable connections. Ensure the power adapter is providing stable power. Ensure proper ventilation for the enclosure.
Power LED is off.	Power switch is off. Power adapter not connected or faulty.	Flip the power switch to the 'On' position. Verify power adapter connection and try a different outlet.

Specifications

Model Number	FE3001
Material	Aluminum Alloy
Compatible Drive Types	3.5-inch / 2.5-inch SATA I/II/III HDD/SSD
Max Capacity Support	Up to 20 TB
External Interface	USB 3.0 (backward compatible with USB 2.0/1.0)
Data Transfer Rate	Up to 5 Gbps (USB 3.0)
Power Supply	12V/2A Power Adapter

Compatible Operating Systems	Windows XP / Vista / 7 / 8 / 8.1 / 10 / 11, Linux / Android, Mac OS 9.1/10.8.4 10.3 and above
Compatible Devices	Laptop, Desktop Computer, Server

Warranty and Support

Inateck products come with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Inateck website.
For technical support, troubleshooting assistance, or any inquiries regarding your Inateck FE3001 enclosure, please contact Inateck Customer Service. You can usually find contact information on the official Inateck website or through the retailer where you purchased the product.
Please have your model number (FE3001) and purchase details ready when contacting support.

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