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X-MEDIA XM-EN2279

X-MEDIA XM-EN2279 2.5-Inch Tool-Free USB 2.0 SATA External Enclosure User Manual

Model: XM-EN2279

INTRODUCTION

The X-MEDIA XM-EN2279 is a 2.5-inch tool-free external enclosure designed for SATA I/II/III Hard Disk Drives (HDDs) and Solid State Drives (SSDs) with 7mm or 9.5mm height. This enclosure provides a convenient solution for connecting a 2.5-inch SATA drive to your computer via a USB 2.0 port, enabling data transfer speeds of up to 480Mbps. Its plug-and-play design ensures easy installation and operation.

Package Contents

- XM-EN2279 External Enclosure Case
- User Guide
- USB 2.0 Cable
- Carry Case



Image: Package contents of the X-MEDIA XM-EN2279, showing the enclosure, USB cable, user guide, and carry case.

SETUP INSTRUCTIONS

Follow these steps to install your 2.5-inch SATA HDD or SSD into the XM-EN2279 enclosure.

1. Open the Enclosure

Gently slide the top cover of the enclosure to open it. The tool-free design allows for easy access to the internal SATA connector.

2. Insert the Hard Drive

Align your 2.5-inch SATA HDD or SSD with the SATA data and power connector inside the enclosure. Carefully push the drive into the connector until it is firmly seated. Ensure the drive is oriented correctly to match the connector pins.



Image: Inserting a 2.5-inch SATA drive into the enclosure.

3. Close the Enclosure

Once the drive is securely connected, slide the top cover back onto the enclosure until it clicks into place, ensuring it is fully closed.



Image: The enclosure with the drive fully inserted and the cover being closed.

OPERATING INSTRUCTIONS

After installing your drive, connect the enclosure to your computer.

1. Connect to Computer

Use the provided USB 2.0 cable to connect the enclosure to an available USB port on your desktop or laptop computer. The enclosure is plug-and-play, meaning no additional drivers are typically required for most operating systems.

2. Drive Recognition

Your operating system (Windows, macOS, Linux) should automatically detect the new external drive. The drive will appear as a removable storage device. If it is a new drive or has not been formatted, you may need to initialize and format it through your operating system's disk management utility before use.

3. Data Transfer

You can now transfer files to and from the external drive. The USB 2.0 connection supports data transfer speeds of up to 480 Megabits per second (Mbps).

4. Hot-Swappable Functionality

The enclosure supports hot-swapping, allowing you to connect or disconnect the drive while the computer is running.

Always ensure to safely eject the drive through your operating system before physically disconnecting it to prevent data corruption.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your XM-EN2279 enclosure.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the enclosure. Avoid using liquid cleaners or solvents, as they may damage the finish or internal components.
- **Storage:** When not in use, store the enclosure in a cool, dry place, away from direct sunlight and extreme temperatures. The included carry case can protect it from dust and minor impacts.
- **Handling:** Handle the enclosure with care to avoid dropping it or subjecting it to strong impacts, which could damage the internal drive or the enclosure itself.

TROUBLESHOOTING

If you encounter issues with your XM-EN2279 enclosure, refer to the following common solutions.

- **Drive Not Detected:**
 - Ensure the USB cable is securely connected to both the enclosure and the computer.
 - Try connecting to a different USB port on your computer.
 - Verify that the 2.5-inch SATA drive is correctly seated within the enclosure's SATA connector.
 - Check your computer's Disk Management (Windows) or Disk Utility (macOS) to see if the drive is recognized but unformatted or uninitialized.
 - Test the enclosure with a different 2.5-inch SATA drive, if available, to rule out a drive issue.
- **Slow Data Transfer:**
 - Ensure you are using a USB 2.0 port for optimal USB 2.0 speeds. While compatible with USB 3.0/3.1 ports, the enclosure itself is USB 2.0, limiting speeds to 480Mbps.
 - Avoid transferring many small files simultaneously, as this can reduce overall transfer speed.
 - Check for other USB devices that might be consuming bandwidth on the same USB controller.
- **Enclosure Not Powering On:**
 - The enclosure is bus-powered via the USB cable. Ensure the USB port provides sufficient power. Try a different USB port or a powered USB hub if available.
 - Inspect the USB cable for any damage. Try using a different USB 2.0 cable.

SPECIFICATIONS

Model Number	XM-EN2279
Compatible Devices	Desktop, Laptop
Hard Disk Form Factor	2.5 Inches (7mm / 9.5mm height)
Max Number of Supported Devices	1
Data Transfer Rate	480 Megabytes Per Second (USB 2.0)
Connectivity Technology	USB
Hardware Interface	SATA 6.0 Gb/s, USB 2.0

Supported Operating Systems	Windows 2000 / XP / Vista / 7 / 8 / 8.1 / 10 / 11 and Mac OS 9.2 and above
Product Dimensions	4.6 x 3.2 x 0.5 inches
Item Weight	5.6 ounces
Material	Plastic
Color	Black

WARRANTY AND SUPPORT

X-MEDIA products are manufactured to high-quality standards. This product is covered by a standard manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty information provided with your purchase or contact X-MEDIA USA for specific details regarding warranty terms and conditions.

Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact X-MEDIA USA customer support. Contact information can typically be found on the product packaging or the official X-MEDIA website.

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