KODAK EKSSD480GX150K

KODAK Internal SSD X150 480GB User Manual

Model: EKSSD480GX150K

1. Introduction

This manual provides essential information for the installation, operation, and maintenance of your KODAK Internal SSD X150 480GB. This Solid State Drive is designed to enhance your computer's performance, offering improved speed, reliability, and efficiency compared to traditional hard drives. Please read these instructions carefully before proceeding with installation.

2. Product Overview

The KODAK Internal SSD X150 is a 2.5-inch SATA III (6Gb/s) solid-state drive, featuring 3D NAND technology for superior performance and durability. It is an ideal upgrade for laptops and desktops, providing faster boot times, quicker application loading, and improved overall system responsiveness.

- **Model:** EKSSD480GX150K
- **Capacity:** 480GB
- **Interface:** SATA III (6Gb/s)
- **Form Factor:** 2.5-inch
- **Key Features:** Shock Resistant, 3D NAND technology
- **Read Speed:** Up to 520 MB/s

Figure 2.1: KODAK Internal SSD X150 480GB. This image shows the front of the SSD with the KODAK logo, capacity, and "Internal SSD" branding.

Figure 2.2: KODAK Internal SSD X150 480GB Retail Packaging. The image displays the product packaging, highlighting the capacity and "Power Memory X150 Series" branding.

3. Setup and Installation

Installing the KODAK Internal SSD X150 requires basic computer hardware knowledge. If you are unsure about any steps, consult a professional technician.

3.1. Before You Begin

- **Backup Data:** Always back up important data from your existing drive before performing any hardware changes.
- **Tools:** You may need a Phillips head screwdriver.
- **Static Electricity:** Discharge any static electricity by touching a grounded metal object before handling components.
- **Compatibility:** Ensure your computer has an available 2.5-inch drive bay and a SATA data/power connection.

3.2. Installation Steps (Desktop/Laptop)

1. **Power Off:** Shut down your computer completely and disconnect the power cable. For laptops, remove the battery if possible.
2. **Open Case:** Open your computer's case or access the laptop's drive bay. Refer to your computer's manual for specific instructions.
3. **Locate Drive Bay:** Identify an available 2.5-inch drive bay. If replacing an existing drive, carefully disconnect and remove it.
4. **Mount SSD:** Insert the KODAK SSD into the drive bay. Secure it with screws if necessary.
5. **Connect Cables:** Connect a SATA data cable from the SSD to an available SATA port on your motherboard. Connect a SATA power cable from your power supply unit to the SSD.
6. **Close Case:** Carefully close your computer's case or reassemble your laptop.
7. **Power On:** Reconnect the power cable and turn on your computer.

3.3. Initializing and Formatting (New Installation)

If you are installing the SSD as a new, secondary drive, you will need to initialize and format it through your operating system's Disk Management utility (Windows) or Disk Utility (macOS).

3.4. Operating System Migration (Replacing Existing Drive)

If you are replacing your primary boot drive, you will need to either perform a fresh installation of your operating system or clone your existing drive's contents to the new SSD. Cloning software is often available from third-party vendors.

4. Operating the SSD

Once installed and configured, the KODAK Internal SSD X150 operates seamlessly as a storage device within your computer system.

- **Primary Drive:** If installed as the primary drive, your operating system will boot from it, resulting in significantly faster startup times.
- **Secondary Drive:** If used as a secondary drive, it provides high-speed storage for applications, games, or frequently accessed files.
- **Performance:** The SSD leverages its high read/write speeds to accelerate data access and overall system responsiveness.

5. Maintenance

Solid State Drives require less maintenance than traditional hard drives due to the absence of moving parts. However, some practices can help ensure optimal performance and longevity.

- **TRIM Command:** Ensure your operating system has TRIM enabled. TRIM helps the SSD manage data more efficiently, preventing performance degradation over time. Most modern operating systems enable this by default.
- **Firmware Updates:** Periodically check the KODAK support website for any available firmware updates for your SSD model. Firmware updates can improve performance, stability, and compatibility.
- **Avoid Defragmentation:** Do not defragment an SSD. Defragmentation is unnecessary for SSDs and can reduce their lifespan by increasing write cycles.
- **Leave Some Free Space:** It is recommended to leave at least 10-15% of the SSD's capacity free to allow for optimal wear leveling and performance.
- **Regular Backups:** While SSDs are reliable, all storage devices can fail. Regularly back up your important data to another drive or cloud storage.

6. Troubleshooting

If you encounter issues with your KODAK Internal SSD X150, refer to the following common troubleshooting steps.

6.1. SSD Not Detected by System

- **Check Connections:** Ensure the SATA data and power cables are securely connected to both the SSD and the motherboard/power supply.
- **BIOS/UEFI Settings:** Enter your computer's BIOS/UEFI settings during startup. Verify that the SATA port the SSD is connected to is enabled and that the SATA mode is set to AHCI (Advanced Host Controller Interface) for optimal SSD performance.
- **Try Another Port/Cable:** Test the SSD with a different SATA data cable, power cable, or SATA port on the motherboard.
- **Disk Management (Windows):** If the SSD is detected in BIOS but not in Windows Explorer, open Disk Management (right-click Start button > Disk Management). The drive may need to be initialized and formatted.

6.2. Slow Performance

- **AHCI Mode:** Confirm that AHCI mode is enabled in your BIOS/UEFI settings. Running in IDE mode can severely limit SSD performance.
- **TRIM Status:** Verify that TRIM is enabled in your operating system.
- **SATA III Port:** Ensure the SSD is connected to a SATA III (6Gb/s) port on your motherboard for maximum speed. Connecting to an older SATA II (3Gb/s) port will limit performance.
- **Driver Updates:** Ensure your motherboard's SATA controller drivers are up to date.
- **Free Space:** Ensure there is sufficient free space on the SSD (at least 10-15%).

6.3. Operating System Installation Issues

- **Boot Order:** Check your BIOS/UEFI boot order to ensure your installation media (USB drive or DVD) is prioritized.
- **Drive Partitioning:** During OS installation, ensure the SSD is properly partitioned and formatted for the operating system.

7. Specifications

Feature	Detail
Model Name	X150 series
Model Number	EKSSD480GX150K
Digital Storage Capacity	480 GB
Hard Disk Interface	Serial ATA (SATA III 6Gb/s)
Hard Disk Form Factor	2.5 Inches
Hard Disk Description	Solid State Drive
Read Speed	520 Megabytes Per Second
Data Transfer Rate	500 Megabits Per Second
Special Feature	Shock Resistant
Compatible Devices	Laptop
Installation Type	Internal Hard Drive
Color	Yellow
Enclosure Material	Plastic
Item Weight	15 Grams
Manufacturer	Kodak

8. Warranty Information

The KODAK Internal SSD X150 480GB comes with a**3 Year Manufacturer Warranty**. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the official KODAK warranty policy or contact KODAK customer support.
EU Spare Part Availability Duration: 3 Years

9. Support

For further assistance, technical support, or warranty inquiries, please visit the official KODAK support website or contact their customer service department.
Online Support: www.kodak.com/en/consumer/products/storage