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› SanDisk 64GB Extreme PRO SDXC UHS-I Card (SDSDXXY-064G-GN4IN) Instruction Manual

SanDisk SDSDXXY-064G-GN4IN

SanDisk 64GB Extreme PRO SDXC UHS-I Card (SDSDXXY-064G-GN4IN) Instruction Manual

Model: SDSDXXY-064G-GN4IN

1. INTRODUCTION

This manual provides essential information for the proper use and care of your SanDisk 64GB Extreme PRO SDXC UHS-I Card. This high-performance memory card is designed for demanding tasks such as capturing 4K UHD video and sequential burst mode photography. Please note that this specific version of the product has been discontinued by the manufacturer.



Figure 1: Front view of the SanDisk 64GB Extreme PRO SDXC UHS-I Card.

2. COMPATIBILITY

The SanDisk Extreme PRO SDXC UHS-I Card is compatible with devices that support the SDXC format and UHS-I interface. For optimal performance, ensure your device is capable of utilizing UHS Speed Class 3 (U3) and Video Speed Class 30 (V30) ratings. This includes many modern DSLR cameras, mirrorless cameras, and camcorders designed for high-resolution video and rapid-fire photography.

Always consult your device's instruction manual to confirm compatibility with SDXC cards and their speed classes before use.

3. SETUP AND INSTALLATION

1. **Locate the SD Card Slot:** Identify the SD card slot on your camera, camcorder, or card reader. This is typically found on the side or bottom of the device, often behind a protective cover.
2. **Insert the Card:** Gently slide the SanDisk Extreme PRO SDXC card into the slot with the label facing the correct direction (usually towards the front of the device or upwards). Apply gentle pressure until you hear a click, indicating it is securely seated. Do not force the card.
3. **Write-Protect Switch:** The card features a small write-protect switch on its left side. Ensure this switch is in the 'unlocked' (upward) position to allow data to be written to the card. If the switch is in the 'locked' (downward) position, you will only be able to read data, not write or delete it.
4. **Format the Card:** For first-time use or after transferring data, it is recommended to format the card using your device's internal formatting function. This ensures optimal performance and compatibility with your specific device. Refer to your device's manual for detailed formatting instructions.



Figure 2: The SanDisk Extreme PRO SDXC card shown in its protective case, ready for use or storage.

4. OPERATING INSTRUCTIONS

Once installed and formatted, your SanDisk Extreme PRO SDXC card is ready for use. Its high-speed capabilities are particularly beneficial for:

- **4K UHD Video Recording:** The U3 and V30 speed classes ensure sustained write speeds necessary for smooth, uninterrupted 4K Ultra High Definition video capture.
- **Sequential Burst Mode Photography:** High write speeds allow for continuous shooting of high-resolution images without buffering delays, capturing fast-paced action effectively.
- **Fast Data Transfer:** With read speeds up to 170MB/s, transferring large files from the card to your computer or other storage devices is significantly faster, streamlining your workflow.

5. PERFORMANCE CHARACTERISTICS

The SanDisk 64GB Extreme PRO SDXC UHS-I Card offers the following performance specifications:

- **Read Speed:** Up to 170 MB/s. Achieved with proprietary technology, this speed requires compatible devices such as the SanDisk SD UHS-I card reader (sold separately). Performance may vary based on host device, interface, usage conditions, and other factors.
- **Write Speed:** Up to 90 MB/s. Essential for capturing high-resolution content efficiently.
- **UHS Speed Class 3 (U3):** Designed to support 4K UHD video recording with enabled UHS host devices.
- **Video Speed Class 30 (V30):** Guarantees a sustained video capture rate of 30 MB/s, ideal for real-time video recording.
- **Class 10:** Ensures a minimum write speed of 10 MB/s for Full HD video recording.

6. DURABILITY AND PROTECTION

This memory card is engineered to withstand harsh conditions, providing peace of mind for your valuable data:

- **Temperature Proof:** Operates reliably in extreme temperatures.
- **Water Proof:** Designed to survive accidental water exposure.
- **Shock Proof:** Resists impacts and drops.
- **X-Ray Proof:** Protected against airport X-ray scanners.

Video 1: A demonstration of the SanDisk Extreme PRO's durability, showing it still functions after being put through a washer and dryer cycle. This highlights its robust construction against water and heat.

7. MAINTENANCE AND CARE

- **Handle with Care:** Avoid touching the gold connector pins on the back of the card to prevent damage or corrosion.
- **Use Protective Cases:** When not in use, store the card in its original protective case or a dedicated memory card holder to shield it from dust, moisture, and physical damage.
- **Regular Formatting:** Periodically format the card using your device's built-in function to maintain optimal performance and prevent data corruption. Back up all important data before formatting.
- **Avoid Extreme Conditions:** While durable, prolonged exposure to extreme temperatures, direct sunlight, or strong magnetic fields should be avoided.

8. TROUBLESHOOTING

- **Card Not Recognized:**

- Ensure the card is fully inserted into the slot.
 - Check the write-protect switch; it should be in the 'unlocked' position.
 - Verify device compatibility with SDXC cards.
 - Try the card in another compatible device or card reader to rule out a device issue.
- **Slow Performance:**
 - Ensure your device supports UHS-I, U3, and V30 speed classes for optimal performance.
 - Format the card using your device's internal function.
 - Check if the card is nearly full; performance can degrade when storage is almost exhausted.
 - **Data Loss/Corruption:**
 - Immediately stop using the card to prevent further data overwriting.
 - SanDisk offers data recovery software (often included with purchase or available separately) that may help retrieve lost files. Consider professional data recovery services for critical data.

9. SPECIFICATIONS

Feature	Detail
Brand	SanDisk
Model Name	Extreme PRO
Item Model Number	SDSDXXY-064G-GN4IN
Memory Storage Capacity	64 GB
Flash Memory Type	SDXC
Hardware Interface	SDXC
Read Speed	Up to 170 MB/s
Write Speed	Up to 90 MB/s
Secure Digital Association Speed Class	Class 10
UHS Speed Class	U3
Video Speed Class	V30
Special Features	Drop Proof, Temperature Proof, Water Proof, X-Ray Proof
Product Dimensions	1.26"L x 0.94"W
Item Weight	0.32 ounces
Manufacturer	Western Digital Technologies, Inc.
UPC	619659169299

10. WARRANTY AND SUPPORT

The SanDisk 64GB Extreme PRO SDXC UHS-I Card comes with a **Lifetime Warranty**, ensuring long-term reliability for your storage needs. For detailed warranty terms and conditions, please refer to the official SanDisk website or the product packaging.

SanDisk also offers data recovery solutions, such as the 2-year or 3-year Photo and Data Recovery Plans, which can be purchased separately to protect against accidental data loss. For technical support, product registration, or to access data recovery services, visit the official SanDisk support website.

Video 2: A review highlighting the SanDisk Extreme PRO SD Card as a fast and reliable option for content creators, emphasizing its performance and brand reputation.

Video 3: An overview of the SanDisk Extreme PRO SDXC Memory Card, discussing its features and suitability for various recording needs.