SanDisk SDSDUNC-016G-GN6IN

SanDisk Ultra 16GB Class 10 SDHC UHS-I Memory Card Instruction Manual

Model: SDSDUNC-016G-GN6IN

1. INTRODUCTION AND OVERVIEW

The SanDisk Ultra 16GB Class 10 SDHC UHS-I Memory Card is designed to enhance the performance of compatible digital cameras and camcorders. This card offers a storage capacity of 16 gigabytes and features a Class 10 speed rating, ensuring efficient capture of Full HD (1080p) video and high-quality photographs. With read speeds of up to 80MB/s, it facilitates quick transfer of files to your computer, optimizing your workflow.

This memory card is engineered for durability, offering resistance to water, extreme temperatures, X-rays, and shocks, safeguarding your valuable data in various environments. It is compatible with SDHC and SDXC enabled devices, including those supporting SDHC-I/SDXC-I UHS-I standards.

2. SETUP AND INSTALLATION

2.1 Compatibility Check

Before inserting the memory card, ensure your device (digital camera, camcorder, etc.) is compatible with SDHC/SDXC cards and supports UHS-I speeds. Refer to your device's user manual for specific compatibility requirements.

2.2 Inserting the Memory Card

1. Locate the SD card slot on your device. This is typically found on the side or bottom of the device, often behind a protective cover.
2. Orient the SanDisk Ultra card with the metal contacts facing down (or as indicated by your device's slot diagram) and the notched corner aligned correctly.
3. Gently slide the card into the slot until it clicks into place. Do not force the card; if it does not slide in easily, recheck its orientation.

2.3 Initial Formatting (Recommended)

For optimal performance and to ensure full compatibility, it is recommended to format the memory card using your device's internal formatting function before its first use. Formatting will erase all data on the card, so ensure no important files are present.

1. Turn on your device and navigate to the 'Menu' or 'Settings' option.
2. Look for a 'Format Card', 'Erase Card', or similar option within the storage or system settings.
3. Confirm the formatting process. This may take a few moments.

Image 2: Detailed view of the SanDisk Ultra 16GB SDHC UHS-I Memory Card.

3. OPERATING INSTRUCTIONS

3.1 Capturing Photos and Videos

Once the card is inserted and formatted, your device will automatically detect it as storage. You can now begin capturing photos and Full HD videos according to your device's operating instructions. The Class 10 and UHS-I speed ratings ensure smooth recording and rapid continuous shooting.

3.2 Transferring Data to a Computer

To transfer files from the memory card to your computer:

1. **Directly from Device:** Connect your camera or camcorder to your computer using a USB cable. Follow the on-screen prompts on your device and computer to access the card's contents.
2. **Using a Card Reader:** Remove the memory card from your device. Insert the card into a compatible SD card reader connected to your computer. The card will appear as a removable drive, allowing you to drag and drop files.

3.3 Write-Protect Switch

The SanDisk Ultra SDHC card features a small write-protect switch on its left side. Sliding this switch down (towards the bottom of the card) locks the card, preventing accidental deletion or modification of data. Sliding it up unlocks the card, allowing data to be written or erased. Always ensure the switch is in the unlocked position when you intend to save new files or format the card.

Image 3: SanDisk Ultra 16GB SDHC UHS-I Memory Card, showing its physical size and the write-protect switch.

4. MAINTENANCE

Proper care of your SanDisk Ultra memory card ensures its longevity and reliable performance:

- **Physical Protection:** Store the card in a protective case when not in use to prevent dust, dirt, and physical damage to the contacts.
- **Environmental Conditions:** While the card is temperature-proof, water-proof, X-ray-proof, and shock-proof, avoid exposing it to extreme conditions unnecessarily.

- **Data Backup:** Regularly back up important files from your memory card to a computer or other storage solution to prevent data loss.
- **Cleaning:** If the metal contacts appear dirty, gently wipe them with a clean, dry, lint-free cloth. Avoid using abrasive materials or liquids.

5. TROUBLESHOOTING

If you encounter issues with your SanDisk Ultra memory card, consider the following:

- **Card Not Recognized:**
  - Ensure the card is fully inserted into the device or card reader.
  - Check the write-protect switch; if it's locked, the device may not be able to read or write to it.
  - Try the card in another compatible device or card reader to rule out a device-specific issue.
  - If the card has been used in multiple devices, it might require reformatting (which will erase data).

- **Slow Performance:**
  - Ensure your device supports UHS-I speeds to fully utilize the card's performance.
  - The card may be nearly full. Transfer files to a computer and delete unnecessary data from the card.
  - Reformatting the card can sometimes restore optimal performance.

- **Data Corruption:**
  - Avoid removing the card while data is being written or read.
  - Always power off your device before removing the memory card.
  - If data appears corrupted, specialized data recovery software may be able to retrieve some files.

6. SPECIFICATIONS

Model Name	SanDisk 16GB Class 10 SDHC UHS-I Up to 80MB/s Memory Card
Model Number	SDSDUNC-016G-GN6IN
Brand	SanDisk
Memory Storage Capacity	16 GB
Flash Memory Type	SDHC
Secure Digital Association Speed Class	Class 10
Read Speed	Up to 80 MB/s
Special Feature	Temperature Proof, Waterproof, X-ray Proof, Shockproof
Color	Black
Product Dimensions (LxW)	1.24" x 0.94"
Item Weight	0.741 ounces (21 Grams)
Compatible Devices	SDHC/SDXC enabled and SDHC-I/SDXC-I UHS-I enabled devices

7. WARRANTY AND SUPPORT
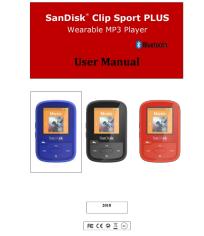
7.1 Limited Warranty

This SanDisk Ultra memory card comes with a **10-year limited warranty**. Please retain your proof of purchase for warranty claims. For full terms and conditions of the warranty, refer to the official SanDisk website or contact customer support.

7.2 Customer Support

For technical assistance, product information, or warranty inquiries, please visit the official SanDisk support website or contact their customer service department. Contact details can typically be found on the SanDisk website or product packaging.

Related Documents - SDSDUNC-016G-GN6IN

	SanDisk SD Card OEM Product Manual - Technical Specifications and Features Comprehensive OEM product manual for SanDisk SD Cards, detailing technical specifications, interface descriptions, protocol details, power requirements, physical dimensions, and ordering information.
	SanDisk Extreme SDXC/SDHC UHS-I Speicherkarten: Technische Daten und Merkmale Umfassende Informationen zu SanDisk Extreme SDXC und SDHC UHS-I Speicherkarten, einschließlich Kapazitäten, Geschwindigkeiten, Abmessungen, Kompatibilität und Haltbarkeit. Ideal für 4K UHD-Video und professionelle Fotografie.
	SanDisk SD-10/64-SAND 64GB UHS-I SDXC Memory Card User Manual User manual for the SanDisk Ultra 64GB SDXC UHS-I memory card (model SD-10/64-SAND), detailing specifications, safety instructions, and usage guidelines for optimal performance and data protection.
	SanDisk Clip Sport PLUS Wearable MP3 Player User Manual Comprehensive user manual for the SanDisk Clip Sport PLUS Wearable MP3 Player, covering safety, features, music playback, radio, sport mode, settings, Bluetooth connectivity, and technical support.
	SanDisk Memory Zone App: Quick Guide for File Management and Storage Optimization A quick guide to SanDisk Memory Zone, an app for managing phone storage, cleaning media, backing up files, and organizing your digital content across multiple locations.

[SanDisk V-Mate User Manual: Record and Play Video Content](#)

Comprehensive user guide for the SanDisk V-Mate Video Memory Card Recorder. Learn how to connect, set up, record, play, and troubleshoot your device. Includes specifications, safety information, and warranty details.