UGREEN B0BNBXVLZS

UGREEN USB C SD 4.0 Card Reader Instruction Manual

Model: B0BNBXVLZS

INTRODUCTION

This manual provides detailed instructions for the UGREEN USB C SD 4.0 Card Reader, designed for high-speed data transfer between various memory cards and compatible devices. This 2-in-1 card reader supports the latest SD 4.0 UHS-II standards, offering significantly faster data streaming for professionals and everyday users.

KEY FEATURES

- **SD 4.0 312MB/s High Speed:** Supports the latest SD 4.0 UHS-II memory cards for data transfer speeds up to 312MB/s, three times faster than ordinary UHS-I card readers.
- **SD/TF 2-in-1 Card Reader:** Equipped with a UHS-II SD slot and a UHS-II TF (Micro SD) slot.
- **Read & Write 2 Cards Simultaneously:** Enables synchronous transfer and copying of files between two cards efficiently.
- **Plug and Play:** Driver-free operation for most laptops, tablets, and smartphones (iPhone 16/15 Pro/Pro Max, Android with OTG).
- **Built to Last:** Features a sturdy aluminum alloy case for heat dissipation and a durable braided cable.

SETUP GUIDE

Connecting the Card Reader

Insert the USB-C connector of the UGREEN card reader into a compatible USB-C port on your device. The braided cable ensures durability and flexibility.

Figure 1: UGREEN USB C SD 4.0 Card Reader connected to a tablet, demonstrating its compact design and ease of use for quick data transfer.

Inserting Memory Cards

Identify the correct slot for your memory card. The larger slot is for standard SD cards, and the smaller slot is for Micro SD (TF) cards. Gently push the card into the slot until it clicks into place, ensuring the metal contacts are facing the correct direction (typically towards the center of the device).

Read & Write 2 Cards Simultaneously

Maximum Support Capacity: 2TB

Figure 2: Proper insertion of an SD card into the UGREEN card reader. The card should click securely into place.

Everything Looks Fabulous
Direct viewing of any content
on the card reader
Enjoy 3D high-definition movie watching

Figure 3: The spring-loaded mechanism allows for easy and secure insertion and removal of Micro SD cards, preventing accidental dislodgement.

OPERATING INSTRUCTIONS

Plug and Play Functionality

The UGREEN SD 4.0 Card Reader is designed for plug-and-play operation. No additional drivers are required for most operating systems. Simply connect the reader and insert your memory cards to begin accessing your data. For Android phones, ensure OTG functionality is supported and enabled in your device settings.

Figure 4: The card reader enables seamless two-way data transmission, allowing instant photo and video sharing between cameras and smartphones without complex setup.

Simultaneous Read & Write

The card reader supports reading from and writing to both SD and Micro SD cards simultaneously. This feature allows for efficient data transfer and copying between the two cards, eliminating the need to repeatedly plug and unplug cards.

Upgrade Version SD 4.0
Bus speed up to 312MB/s

SD 4.0/UHS-II

SD 2.0/3.0/UHS-I

Spec Version	SD 4.0	SD 3.0
Bus Interface	UHS-II	UHS-I
Card Type	SDHC, SDXC and SDUC	SDHC, SDXC and SDUC
Bus Mark		
Bus Speed	156MB/s Full Duplex 312MB/s Half Duplex	50MB/s(SDR50,DDR50) 104MB/s(SDR104)
Application	4K video record	HD video record

SD 4.0   312MB/S

SD 3.0   104MB/S
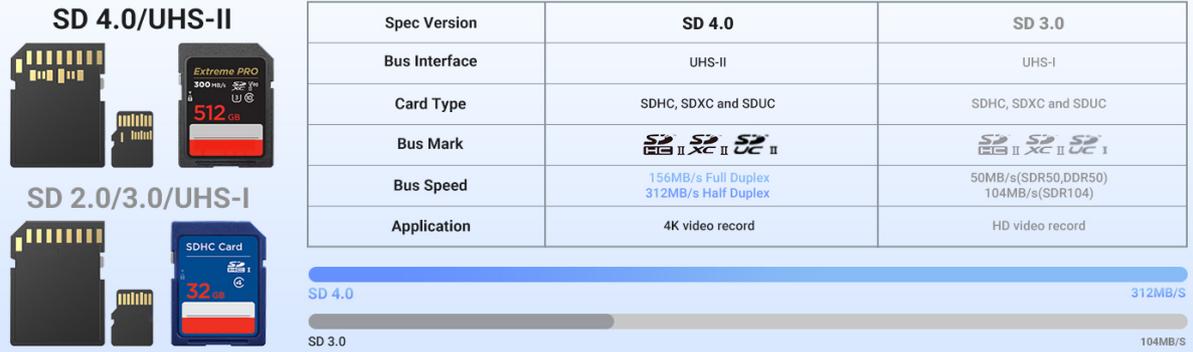
Figure 5: The card reader's ability to read and write to both SD and TF cards concurrently significantly improves workflow efficiency.

COMPATIBILITY

Supported Memory Card Types

- **SD Slot:** SD, SDHC, SDXC, UHS-II, UHS-I, MMC, RS-MMC
- **Micro SD (TF) Slot:** Micro SD, Micro SDHC, Micro SDXC, UHS-II, UHS-I

Figure 6: The card reader supports a wide range of memory card formats, including standard SD, Micro SD, and their high-capacity variants.

Compatible Devices & Operating Systems

- **Devices:** Laptops, Tablets, Smartphones (including iPhone 16/15 Pro/Pro Max, and Android phones with OTG support).
- **Operating Systems:** Windows, MacOS, Linux, ChromeOS, iPad OS, Android.

MAINTENANCE

To ensure the longevity and optimal performance of your UGREEN USB C SD 4.0 Card Reader, follow these maintenance guidelines:

- Keep the card reader clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Avoid exposing the device to extreme temperatures, direct sunlight, or high humidity.
- When not in use, disconnect the card reader from your device and store it in a safe, dry place to prevent damage to the connectors or cable.
- Do not force memory cards into the slots. If a card does not insert easily, check its orientation and the correct slot.

TROUBLESHOOTING

Card Not Recognized

- Ensure the memory card is fully and correctly inserted into the appropriate slot. A gentle click indicates proper seating.
- Verify the card reader is securely connected to your device's USB-C port.
- Try connecting the USB-C connector in the opposite orientation. Some devices or adapters may be sensitive to plug orientation, which can affect detection or speed.
- Test with a different memory card or a different USB-C port/device to isolate whether the issue lies with the card, the reader, or the host device.
- Restart your computer or smartphone.

Slow Transfer Speeds

- Ensure you are using UHS-II compatible memory cards to achieve the maximum advertised speed of 312MB/s. Older UHS-I cards will operate at their respective maximum speeds (e.g., 104MB/s).
- Verify your device's USB-C port supports USB 3.0 (5 Gigabits Per Second) or higher for optimal performance. Connecting to a USB 2.0 port will result in significantly lower speeds.
- Avoid running multiple data-intensive tasks simultaneously on your device during large file transfers.
- The aluminum alloy casing helps dissipate heat, but prolonged heavy use in a confined space might still affect performance. Ensure adequate ventilation.

SPECIFICATIONS

Feature	Detail
Brand	UGREEN
Model Name	sd card adapter
Connectivity Technology	USB Type C
Hardware Interface	USB 3.0 Type C
Data Transfer Rate	5 Gigabits Per Second (up to 312MB/s for SD 4.0 UHS-II)

Feature	Detail
Media Type Supported	SD, Micro SD, SDHC, SDXC, microSDXC, UHS-I, UHS-II, MMC, RS-MMC
Compatible Devices	Mac/Android (Laptops, Tablets, Smartphones)
Operating System	Windows, MacOS, Linux, ChromeOS, iPad OS, Android
Special Feature	Plug & Play
Color	Deep Gray
Material	Aluminum Alloy Casing, Braided Cable

WARRANTY AND SUPPORT

This UGREEN product is covered by a **24 Months Warranty Service** provided by UGREEN. For warranty claims, technical support, or any inquiries regarding your product, please contact UGREEN customer service through their official website or the retailer where the product was purchased.