

USB 2.0 Card Reader

5.25" Multi-Card Reader/Writer

525FCREADREM

Instruction Manual



Actual product may vary from photo

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The Professionals' Source for Hard-to-Find Computer Parts

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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Introduction

Thank you for purchasing a 5.25" bay multi-card reader. This multi-purpose panel fits into an open 5.25" bay and provides you with an ejectable multi-card reader (see Features section for detailed compatibility list), as well as external USB, Firewire, SATA and Audio ports.

The ejectable card reader plugs into any USB port and uses no external power source, letting you transport your cards between computers and laptops safely and easily. The interface makes it easy to transfer files, images and music between your computer and your MP3 player, digital camera, cell phone or PDA.

Features

- This card reader supports:
 - CF Slot: CF I, II, CF Ultra (high speed), IBM MicroDrive, Magicstor MD.
 - SD Slot: Secure Digital Card, SD Ultra (high speed), Mini SD (adapter needed), MMC, MMC 2.0, MMC 4.0, RS-MMC, T-flash adapter needed.
 - SM Slot: Smart Media Card, SM-ROM.
 - MS Slot: Memory Stick, Magic Gate, MS Pro, MS Ultra II, MS Select, MS Duo, MS Pro Duo, Magic Gate Duo, MS Duo Magic Gate (These six require an adapter)
- Allows easy card transport with ejectable card reader
- Powered by USB bus, no external power source is needed
- Hot Swappable
- Supports drag and drop between cards
- Reads and writes any files suited for PC or Mac computers
- Fits into any 5.25" drive bay
- Provides USB 2.0, Firewire and SATA ports
- Backed by StarTech.com's one-year warranty

Before You Begin

To ensure a quick and easy installation, please read through this section carefully before attempting to install the multi-panel.

WARNING! Flash Cards, like all computer equipment can be severely damaged by static electricity. Be sure that you are properly grounded before opening your computer case or touching your card. StarTech.com recommends that you wear an anti-static strap when installing any computer component. If an anti-static strap is unavailable, discharge yourself of any static electricity build-up by touching a large grounded metal surface (such as the computer case) for several seconds.

System Requirements

- Windows 98SE (or higher) with a Pentium class (or compatible) processor, or MAC OS X with a Power PC (or above)
- An open USB port
- A CD drive

Contents

This package should contain:

- USB 2.0 Multi-Card Reader/Writer
- Installation Driver CD
- Bracket
- Screw kit
- Black Front Panel
- USB Cable
- Firewire Cable
- SATA Cable
- Audio I/O cable
- Instruction Manual

Installation

This section will guide you through the installation of your Multi-Card Reader/Writer, and the related software. Please read through the instructions carefully and complete each step in the order listed.

Depending on your OS and the configuration of your system, the instructions below may not be identical to what you see on your screen.

Installing the Multi-Card Reader/Writer

1. Make sure that your system is unplugged and that you are grounded.
2. Remove the cover of your system and remove the cover from a 5.25" drive bay (see your computer's user manual for details if necessary)
3. If you wish to use the external ports on the front of the multi-panel, attach the white end of each cable to the multi-panel as follows:

Firewire	CON4
USB 2.0	CON5
SATA	CON6
Audio	CON7

(Note: If you do not want to use the front ports, you can skip ahead to step 7)

4. Thread the other ends of each cable through the open 5.25" drive bay you will be using to install the multi-panel. Gently insert the panel into the open bay, until it is flush with the front of the case. Make sure the bracket is lined up with the screwholes in the case and screw the panel into place.
5. Connect the SATA cable to the motherboard (see your computer's user manual for details if necessary). Thread the remainder of the cables through the back of the computer using the included metal bracket cover to hold the cables in place.
6. Connect the cables to the corresponding ports at the back of your computer.
7. Once all of the cables have been securely connected to their respective ports, put your case's cover back on and power on your computer.
8. Your computer will display a message informing you that new hardware has been found. Windows 98SE and 2000 users, please follow the onscreen prompts and direct Windows to the appropriate folder on the driver disk. Windows will install the necessary drivers. Follow any on-screen prompts to complete the installation.

Using Your Card Reader

The LEDs on the card reader are your best indication of the reader's activity. The solid Power LED indicates that the card reader is powered. A flashing Access LED indicates that there is data being transferred to or from the card.

Inserting a Card:

1. Turn on your computer.
2. Insert your memory card into the proper slot on the card reader.
3. **Mac users:** A new icon will appear on your desktop. **Windows users:** A new icon will appear in **My Computer**.
4. The card can now be accessed as an extra disk.

Removing a Card:

1. Make sure that none of the LEDs on the front of the card reader are flashing. If you remove the card when the LEDs are flashing, data may be lost from your card.
2. Mac users should drag the memory card icon to the Trash bin. Windows users should right-click on the drive icon and choose to eject the card.
3. Physically remove the card from the reader.

Using the Reader with the Bracket:

To insert the reader into the bracket, slide the reader into the bracket until it clicks into place. Press the button on the front of the bracket to release the ejectable card reader.

Using the Reader without the Bracket:

You can plug the ejectable card reader directly into your computer's USB port or into a USB hub.

1. With your PC turned off, plug the card reader into a free USB port. Turn on your computer.
2. A message will be displayed saying that new hardware has been found. Windows will automatically install the necessary drivers.
3. When the installation is complete, there will be four new "Removable Disk" icons visible in **My Computer**.

Removing the Card Reader:

Use this procedure to permanently uninstall the card reader:

Windows Users:

1. Make sure there is no card reader connected to the USB port.
2. Click on the “Uninstaller” icon in the taskbar.
3. Click on **USB Storage Device - Change/Remove**
4. Remove all installed components and click **Next**.
5. Choose to restart your computer and click **Finish**.

Mac Users:

1. If there is a memory card connected to the reader, drag the memory card icon into the Trash. Wait until the icon has disappeared.
2. Disconnect the card reader.

Troubleshooting

The card reader is not detected:

The reader has not been properly connected or is not receiving enough power. Make sure that the reader's USB cable is firmly seated in the USB port. If you are connecting the card reader to a hub, make sure that it is a powered hub.

The card doesn't fit in the reader:

Make sure you are installing the card in the proper slot and that the card is facing the right direction. Check with the card manufacturer's instructions.

A drive letter is shown for the card, but it can't be accessed:

The card has not been formatted or is formatted incorrectly. Follow the instructions provided by the manufacturer of your digital media device (i.e. Your MP3 player, digital camera, etc.) to format the card using your digital media device.

No icon appears when a card is inserted into the reader (Mac OS X)

The card may have been formatted in Windows' FAT-32 format. Using a PC or digital device, re-format the card using the OS X compatible FAT or FAT-16 format.

Technical Specifications

USB Ports	1 x 4 pin USB (Type A)
Standards	USB 2.0
Data Transfer Rate	<p>USB 2.0 devices: Up to 480 Mbits/sec</p> <p>USB 1.1 devices: Up to 12 Mbits/sec</p> <p>Flash Cards: 700 Kbits/sec to 480 Mbits/Sec</p> <p>SATA devices: 150 Mbits/sec</p> <p>Firewire devices: 400 Mbits/sec</p>
Compatibility	<p>CF Slot: CF I, II, CF Ultra (high speed), IBM MicroDrive, Magicstor MD.</p> <p>SD Slot: Secure Digital Card, SD Ultra (high speed), Mini SD (adapter needed), MMC, MMC 2.0, MMC 4.0, RS-MMC, T-flash adapter needed.</p> <p>SM Slot: Smart Media Card, SM-ROM.</p> <p>MS Slot: Memory Stick, Magic Gate, MS Pro, MS Ultra II, MS Select, MS Duo, MS Pro Duo, Magic Gate Duo, MS Duo Magic Gate (These six require an adapter)</p>
LED Indicators	Power & Activity
System Requirements	An available 5.25" bay, Windows 98SE or higher, or Mac OS X

Accessory Products from StarTech.com

Contact your local StarTech.com dealer or visit www.startech.com for cables or other accessories that will help you get the best performance out of your new product.

139466EXT6

6 ft. i.Link IEEE-1394 FireWire Extension Cable 6 to 6 pin M/F

1394_10

10 Ft IEEE-1394 Firewire Cable 6-6 M/M

139444EXT6

6 ft. IEEE-1394 FireWire Extension Cable 4 to 4 pin M/F

USBEXTAA_6

6 ft. Fully Rated USB Extension Cable A-A

USB2FAAEXT15

16 Foot (5 Meter) USB 2.0 Active Extension Cable

Technical Support

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Warranty Information

This product is backed by a one-year warranty. In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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