

# USB 2.0 FLASH CARD READER

5.25" Bay Multi-Port Panel with a 6-in-1  
Flash Card Reader/Writer

525FCREAD  
525FCREADBK

Instruction Guide



\* Actual product may vary from photo

\* 525FCREADBK shown

**StarTech.com** 

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.

## **Table of Contents**

<b>Introduction</b> .....	<b>2</b>
<b>Installation</b> .....	<b>3</b>
<b>Using Your Multi Panel</b> .....	<b>4</b>
<b>Troubleshooting</b> .....	<b>6</b>
<b>Technical Specifications</b> .....	<b>7</b>
<b>Technical Support</b> .....	<b>8</b>
<b>Warranty Information</b> .....	<b>8</b>

## Introduction

Thank you for purchasing a StarTech.com 5.25" bay multi-panel. This multi-purpose panel fits into an open 5.25" bay and provides you with a 6-in-1 card reader, two USB 2.0 ports, an IEEE 1394a port, two S/PDIF ports, and two audio ports, all conveniently located on the front of your computer. The 6-in-1 reader works with CompactFlash memory cards, IBM-Microdrives, SmartMedia memory cards, Memory Stick cards, SecureDigital memory cards, and Multi-Media cards. The 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

- Supports six different types of flash cards: CompactFlash memory cards, IBM-Microdrives, SmartMedia memory cards, Memory Stick cards, SecureDigital memory cards, and Multi-Media cards
- Provides convenient front USB 2.0, IEEE 1394a, S/PDIF, and audio jacks
- Uses four blue LEDs to keep you informed of card reader activity
- Powered by the USB bus, no external power source is needed
- Supports drag and drop between cards
- Reads and writes any files suited for PC or Mac computers
- Fits into any 5.25" drive bay
- 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).
- A CD drive
- A USB port

## Contents

This package should contain:

- 1 x 6-in-1 card reader
- 1 x driver disk

## Installation

This section will guide you through the installation of your multi panel and the related software. Please read through the instructions carefully and complete each step in the order listed.

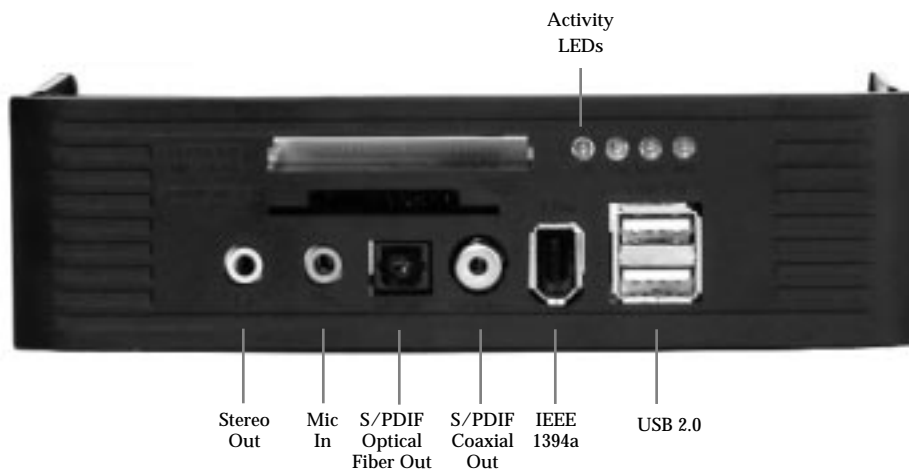
Depending on your OS and the configuration of your system, the instructions below may not be identical to what you see on your screen.

### Installing the Panel

1. Make sure that your system is unplugged and 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. Gently insert the panel into the open 5.25" bay (after threading the attached cables into the computer) 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.
4. Next you will plug in your cables. There are seven cables in all:
  - 3 x USB 2.0 cables. These cables plug into open USB ports on the back of your computer. Two of the USB cables are for the front USB ports. The third cable (slightly separate from the larger group of cables) is for the card reader.
  - 1 x IEEE 1394a cable. This cable plugs into an open FireWire port on the back of your computer.
  - 1 x black/white S/PDIF cable. The two S/PDIF connectors plug into the audio pins on your motherboard. On the S/PDIF cable, the **black** wire is **Ground**, and the **white** wire is **Signal**. The location of the audio pins on your motherboard depends on your motherboard manufacturer. Check with your motherboard documentation before connecting the S/PDIF cable. (Some sound cards use different connectors for S/PDIF. If you need to use the second audio connector, plug S/PDIF cable's **white** wire into **Pin 4** and the **black** wire into **Pin 6** on the second cable)
  - 1 x green headphone cable. This cable plugs into the headphone port on the back of your computer.
  - 1 x pink microphone cable. This cable plugs into the pink microphone port on the back of your computer.

5. Put your case's cover back on and power on your computer.
6. Your computer will display a message saying new hardware has been found.  
**Windows 98SE and 2000 users:** 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 Multi Panel



Connect your USB, FireWire, and audio devices to the front ports as directed by the device manufacturer.

The blue LEDs on the panel are your best indication of the card reader's activity.

- 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.

### Removing the Card Reader

Use this procedure to 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 card 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.

**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

Front Ports	2 x USB 2.0 1 x IEEE 1394a 1 x Coaxial S/PDIF 1 x TosLink optical fiber 2 x 3.5mm stereo jack
Data Transfer Rate	USB 2.0 devices: Up to 480 Mbits/sec USB 1.1 devices: Up to 12 Mbits/sec IEEE 1394a devices: Up to 400 Mbits/sec Flash Cards: 700 Kbits/sec to 480 Mbits/sec
Compatibility:	Compact Flash I & II Card IBM Micro Drive Smart Media Card Secure Digital Card Multi-Media Card Memory Stick
LED Indicators	4 x Activity (blue)
Power	DC 5V (from USB)
Dimensions (LxWxH)	2.5 x 5.8 x 1.7 in. (65 x 147 x 42mm)
Operating Temperature	32~158°F (0~70°C)
Storage Temperature	-40~158°F (-40~70°C)
System Requirements	An available 5.25" bay 98SE/2000/ME/XP or Mac OS X

## Technical Support

The following technical resources are available for this StarTech.com product:

### On-line help:

We are constantly adding new information to the *Tech Support* section of our web site. To access this page, click the *Tech Support* link on our homepage, [www.startech.com](http://www.startech.com). In the tech support section there are a number of options that can provide assistance with this product.

Knowledge Base - This tool allows you to search for answers to common issues using key words that describe the product and your issue.

FAQ - This tool provides quick answers to the top questions asked by our customers.

Downloads - This selection takes you to our driver download page where you can find the latest drivers for this product.

Call StarTech.com tech support for help:

**USA/Canada:** 1-519-455-4931

**UK/Ireland/Europe:** 00-800-7827-8324

*Support hours: Monday to Friday 9:00AM to 5:00PM EST (except holidays)*

## 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.**

### Limitation of Liability

In no event shall the liability of StarTech.com Ltd. and StarTech.com USA LLP (or their officers, directors, employees or agents) for any damages (whether direct or indirect, special, punitive, incidental, consequential, or otherwise), loss of profits, loss of business, or any pecuniary loss, arising out of or related to the use of the product exceed the actual price paid for the product.

Some states do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.

Revised: October 31, 2003