USB HUB

4 Port USB V2.0 Hub

ST4200USB

Instruction Guide

StarTech.com

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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.

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**. In the tech support section there are a number of options that can provide assistance with this card.

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: **1-519-455-4931**
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 below, 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 to StarTech.com Ltd. (or its 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 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.

Monitoring Your Hub

The LEDs on the top of your hub are the best indication of the hub's activity.

Red Self-Powered LED Indicator
The red LED lights up when the device is receiving power from an external power source. If the LED is not lit, it means the device is being bus-powered.

Green Port LEDs
The four green LEDs indicate the status of each of the ports on the front of the hub. When the LED is lit, it means that the corresponding port is working successfully.

Exceeding Current Limitations

If one of your peripherals demands more current than the hub is able to supply, the hub will shut down. The LED representing the port will turn off, and a warning window will appear indicating which device is causing the problem. To reset the hub, unplug the device and choose **Reset** to continue working. You can also choose **Close** to close the warning window without resetting the hub.

Technical Specifications

Dimensions	100 x 60 x 26 mm
Standards	USB Specification Revision 2.0 and 1.1
Data Speed	High: 480 Mbps Full: 12 Mbps Low: 1.5 Mbps
LEDs	Self-Power x 1 Downstream working x 4
Per-Port Current	Externally-Powered: 500 mA Bus-Powered: 100 mA
Operating Temperature	0-40º C
Humidity	5-90 % (non-condensing)
External Power	DC 5 Volt

Table of Contents

Introduction

Thank you for purchasing a StarTech.com four-port USB 2.0 hub. This high-speed hub allows you to connect multiple high-performance USB devices to your PC or Mac computer. With speeds up to 480Mbps, this hub allows you to easily connect and use up to 127 daisy-chained USB peripherals like DVD drives, video conferencing cameras, or high resolution scanners. USB 2.0 is also backwards-compatible with USB 1.0/1.1, meaning your less demanding peripherals will still function perfectly with no adjustments.

Features

- Complies with USB 2.0 standards

- Reaches transfer speeds of up to 480Mbps (40x faster than USB 1.1)

- Connects up to 127 daisy-chained USB devices through cascading multiple hubs

- Backwards-compatible with USB 1.1

- Complies with Plug and Play standards

- Supports hot-swapping

- Backed by StarTech.com's one-year warranty

Before You Begin

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

System Requirements

- A Pentium 233-MHz or faster IBM-compatible or Macintosh computer running Windows 98SE/Me/2000/XP or Mac OS X

- At least 64 MB RAM

- One open USB 2.0 port

NOTE: Your computer may not come with standard USB 2.0 ports. Consult your computer's user guide for more details. StarTech.com offers a range of USB 2.0 cards (like the **PCI220USB** or **PCI420USB**) to suit your needs. Please visit our website at www.startech.com for more details.

Contents

This package should contain:

- 1 x USB 2.0 hub

- 1 x USB 2.0 high-speed cable

- 1 x AC power cord (with switching power adapter)

Installation

This section will guide you through the installation of your USB 2.0 hub. Please read through the instructions carefully and complete each step in the order listed.

Installing the Hub

USB Port
Connects with PC or
Upper Level Hub

Power Jack
Connects to standard
Power Outlet

1. Plug the AC power adapter into the power jack at the rear of the hub and plug the other end into an electrical outlet.

NOTE: Since the hub is a USB device, it can be self-powered through the Universal Serial Bus. However, the power available to peripherals will be limited. If you are plugging demanding devices into the hub, you will need to connect the hub to an electrical outlet.

2. Plug the USB 2.0 cable into the port on the back of the hub and plug the other end into an open USB 2.0 port on your computer.

3. Connect any USB 2.0/1.1 device or hub to any of the four ports on the front of the hub.

Installing the Drivers

Since your computer already supports USB 2.0, any drivers required by the hub will be installed automatically by your system.