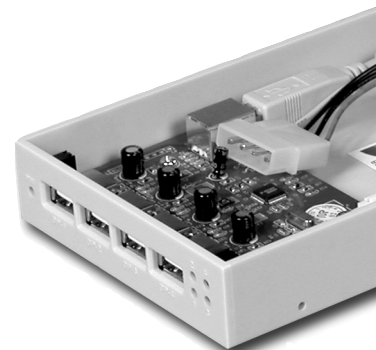


# USB

4-Port Front USB Hub  
for 3.5" Drive Bay

ST3504USB



## FCC COMPLIANCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class A 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

StarTech.com's lifetime technical support provides industry-leading solutions. If you need assistance, visit [www.startech.com/support](http://www.startech.com/support) and access our knowledge base, manuals, documentation, and downloads.

## Warranty Information

**This product is backed by a lifetime warranty against defects in materials and workmanship, starting from the initial date of purchase. The warranty covers parts and labor costs of repairs or replacements required due to defects or damages arising from normal use and tear.**

### Limitation of Liability

In no event shall the liability to StarTech.com or its agents for any damages (whether direct, indirect, consequential, or otherwise), loss of profits, or any other damages arising out of or related to the use of the product, be limited by the terms of this warranty.

Some states do not allow the exclusion of consequential damages. If such laws apply, the limitation on damages may not apply to you.

## Monitoring Your USB Hub

The five LEDs on the front of the hub are the best indication of the hub's activity:

- The four red LEDs indicate activity on each of the four USB ports. Each LED is numbered to correspond to a port.
- The green PW LED indicates that the hub is properly powered.

## Technical Specifications

Ports	1 upstream (root), 4 downstream (peripheral)
Output Voltage	+5V DC (each port)
Output current	500mA (max) per port
Power	Supplied by LP-4 power supply connector
Connectors	4 front USB "A" female 1 rear USB "B" female

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## Introduction

Thank you for purchasing a StarTech.com four-port front USB hub for 3.5" drive bays. Now your USB devices like digital cameras, Zip drives, and printers can attach to the front of your computer, making the connection or removal of your peripherals easy and hassle-free. The hub can be self- or bus-powered, and provides per-port over-current detection so your devices are protected.

## Features

- Adds four front USB ports to your computer
- Works with USB-compliant Windows or Mac computers
- Supports both Open Host Controller Interface (OHCI) and Universal Host Controller Interface (UHCI)
- Provides both bus-powered and self-powered modes of operation
- Provides over-current detection for each port
- 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 card.

**WARNING!** Installing this device requires you to remove your computer's external casing. Remember that computer equipment can be severely damaged by static electricity. Be sure that you are properly grounded before opening your computer case or touching any internal components. 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

- An IBM-PC running Windows 98 or later, or a USB-capable Mac computer (Consult your system's user guide for details, if necessary)
- An open 3.5" drive bay
- An open USB port

## Contents

This package should contain:

- 1 x front USB hub
- 1 x USB "A" (rectangular) male to "B" female adapter
- 1 x internal power cable
- 1 x set of mounting screws

## Installation

This section will guide you through the installation process. Please read the instructions carefully and complete each step in order.

1. Make sure that your system is unplugged from the power source.
2. Remove the cover of your system and locate the drive bay (see your computer's user manual for details).
3. Slide the hub into the bay until it is flush with the front of the case. Make sure that the screw holes along the side of the hub align with the holes in the case and secure the hub into place using the screws provided.
4. Connect the power cable to your computer's power source.
5. Remove a plate from the rear of your computer (see your computer's user manual for details, if necessary). Thread your USB cable through the hole and connect the cable to an open USB port.
6. Replace your computer cover and power up your system. Connect your USB devices to the hub.