

Introduction

The Asanté FriendlyNET Portable 4-Port USB (Universal Serial Bus) Hub features one upstream port for connecting to your computer plus four downstream ports for connecting low-power peripherals, including most mice and keyboards which use less than 100 mA power.

Features

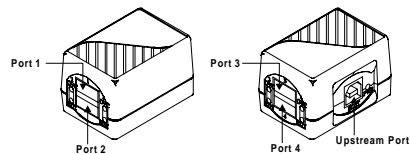
- Complies with USB Spec. Rev. 1.0 / 1.1
- Compatible with Apple Mac OS, Windows 98 and Windows 2000
- Supports both OHCI (Open Host Controller Interface) and UHCI (Universal Host Controller Interface)
- Provides 1 Upstream Port and 4 Downstream Ports
- Per-Port Overcurrent detection and protection
- LEDs to indicate Power, Ready and Overcurrent status

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Package Contents

- One FriendlyNET Portable 4-Port USB Hub
- One USB A-B cable
- One User's Guide (this document)

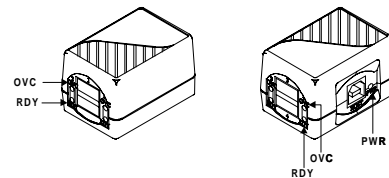
Connectors



- **Upstream Port:**
The port is used to connect the B-type connector of USB cable in conjunction with your computer.
- **Downstream Ports (Port 1~4):**
The port is used to connect other USB peripherals such as keyboard, mouse or speaker.

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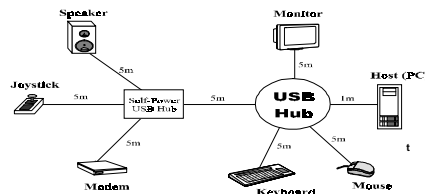
LEDs



- **PWR(Power):**
LED on when this hub is on.
- **RDY(Ready):**
LED on when you can add or remove a USB device to this port.
- **OVC(Overcurrent):**
LED on when the device connected to this port is using more than 100 mA. You will need to use another hub, like the Asanté FriendlyNET USB HUB-4 or HUB-7 with an external power supply.

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Application



Can be connected:

This USB Hub can be connected to any low-current device including keyboard, mouse, speaker, joystick, or other device which owns itself power such as modem, monitor, printer, scanner, etc.

Can't be connected:

This USB Hub can't be connected to any device which needs to take over 100 mA current such as digital cameras, disk drives and another bus-powered hub.

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Specification

- Standard: USB Rev. 1.0 / 1.1
- Ports: 1 upstream (host) port and 4 downstream ports
- Media Support: USB cable (Max. Length: 5 meters)
- Transmission Rate: 1.5Mbps and 12Mbps
- LED Display: Power, Ready (per port) and Overcurrent (per port)
- Output Voltage: +5V DC (per port)
- Output Current: 100 mA maximum (per port)
- Dimension (DxWxH): 5.4 x 3.75 x 3.3 cm
- Temperature: 0°C ~ 45°C
- Humidity: 10% ~ 90%
- Certification: FCC, CE Mark

Notices

While your host computer is starting up, please do not add or remove USB devices; otherwise, the system will shut down and reboot.

FCC Warning

This equipment can generate, use and radiate radio frequency energy and, if not installed and used in accordance with the instructions in this manual, may cause interference to radio communications. This equipment has been tested and found to comply with the limits for a Class B computing device pursuant to Subpart J of Part 15 of the FCC rules, which are designed to provide reasonable protection against radio interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference, in which case the user, at his own expense, will be required to take whatever measures are necessary to correct the interference.

CE Declaration of conformity

This equipment complies with the requirements relating to electromagnetic compatibility, EN 55022 class B for ITE and EN 50082-1. This meets the essential protection requirements of the European Council Directive 89/336/EEC on the approximation of the laws of the Member States relating to electromagnetic compatibility.

Trademarks

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Recyclable

FriendlyNET™ Portable 4-Port USB Hub

User's Guide

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