7-Port

Universal Serial Bus

User's Guide

FCC Warning

This equipment has been tested and found to comply with the regulations 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 when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with this user's guide, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

CE Mark Warning

This is a Class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

注意
　この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準
に基づく第一種情報技術装置です。この装置を家庭環境で使用すると電波妨
害を引き起こすことがあります。この場合には使用者が適切な対策を講ずる
よう要求されることがあります。

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INTRODUCTION

Congratulations on your purchasing of the 7-Port USB Hub. This easy plug and play external device will allow your computer to connect to USB interfaced monitors, printers, digital speakers, modems, digital cameras, joysticks and other USB devices.

Technology Overview

USB stands for Universal Serial Bus. It is a standard that has been adopted by leading manufacturers within the computer industry to define a new type of peripheral connection scheme. It is designed to replace older parallel and serial ports, cables, and connectors with something faster and easier to use. USB is:

- Easier -- Windows 98/MAC OS will automatically recognize newly installed devices.
- Quicker -- You won't have to reboot when installing.
- Faster -- Top USB data speed is around 100 times faster than a serial connection.
- Greater Expandability -- Using USB hubs you can connect up to 127 devices to your computer.
- Hot Swappable -- They just plug and go!

About the 7-Port USB Hub

The 7-Port USB Hub allows a user to connect up to seven USB peripherals to their USB ready PC or Mac.

The 7-port USB Hub is designed to provide quick and easy access to the seven type 'A' downstream port for connecting peripherals with USB support, USB hubs and other devices. A single type "B" upstream port is provided for connecting to the host computer, or another USB hub.

Product Features

- USB 1.1 specification compatibility
- Plug-and-Play
- Supports both OHCI and UHCI.
- Supports Self-power mode.
- Supports 1 upstream and seven downstream USB ports
- One LED indicator for Self-power mode
- One LED indicator for each downstream port status
- Connects up to 127 USB devices with cascading hub.
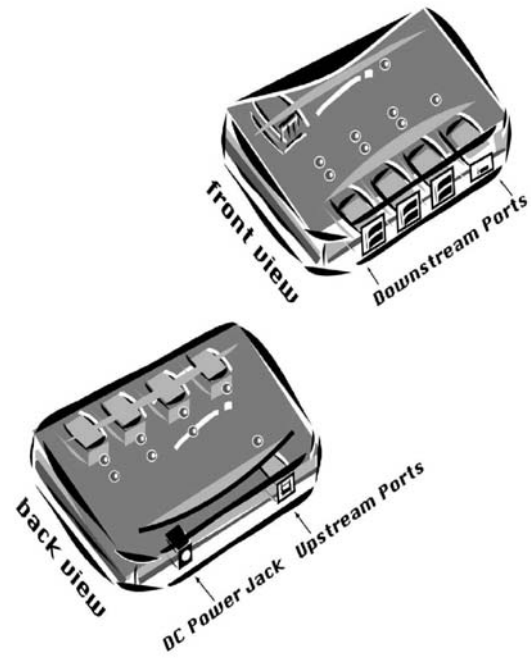- Over-current and high-inrush current protections

INSTALLATION

The 7-Port USB Hub is designed to be simple and easy to install.

Aspect Description

Hardware Installation

1. Plug the included adapter into the rear of the 7-Port USB Hub and an available electrical outlet.
2. Plug the B-type connector into the "Upstream Port".
3. Plug the A-type connector into a computer or USB Hub downstream port.
4. Connect USB devices to the Hub: Down-stream 1 ~ Downstream 7.

LED Indicators

The 7-Port USB Hub is equipped with LED indicators:

Self-Power LED Indicator:

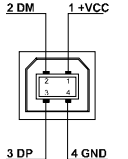This indicator lights green when the USB Hub is receiving power from external power source, otherwise, it is off.
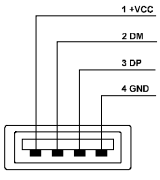
Port status LED:

Per port has one status LED. When the LED lights on, means the downstream port is working successfully. Otherwise, the LED light is off.

USB Connector Pin Assignment

1 +VCC 2 DM 3 DP 4 GND Receptacle A	Series-A Plug
2 DM 1 +VCC 2 1 3 4 3 DP 4 GND Receptacle B	Series-B Plug

SPECIFICATIONS

Standards:	USB Specification V.1.1 compatibly
Data Speed:	Low:1.5Mbps, High:12Mbps
LED indicators:	Power x 1, Port status x 7
Upstream port:	Series-B Receptacle x 1
Downstream port:	Series-A Receptacle x 7
Output Voltage:	Per port DC +5V
Output Current:	7 port total 2.4A
External Power:	DC 5V/2.4A switching power adapter
EMI Compatibility:	FCC Class B
	CE Certification, Class B
	VCCI-II
Dimensions:	118 x 67 x 32 mm
Storage Temperature:	Storage: -25°C ~ 70°C
	Operation: 0°C ~ 50°C
Humidity:	Storage: 10% ~ 90%
(non-condensing)	Operation: 10% ~70%
Power Consumption:	12 Watts (maximum)