

# **USB HUB**

## User's Manual

FCC I D : H52PT-9002

**Ver.A 9002 2000 2**

## FEDERAL COMMUNICATIONS COMMISSION

### NOTE

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. This equipment generates, uses and can radiated 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.

Shielded interface cables (except mouse data cable) must be used in order to comply with emission limits.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## INTRODUCTION

- USB Hub is a medium-speed and stand-alone universal serial bus (USB) Hub. it supports four downstream ports and one upstream port.
- USB Hub can consolidate the low-speed and medium-speed PC desktop peripherals with its plug-and-play capability and provide a smart LED to indicate for fault or dummy USB port in directly inserted M/B.
- USB is an excellent complementary serial interface that offers a simple and highly compatible connectivity between the PC and a full range of peripherals.

## FEATURES

- Full compliance with the USB specification Rev. 1.1
- Tiered star topology supporting up to 6 tiers and 127 devices, reliable transmission for 5 meters USB cable segment is excellent.
- Bus-powered or self-powered by selection.
- Per port over current detection, protection and recovery.
- Plug and play capability for fault or dummy USB port in directly inserted to M.B.
- Compatible Win98(1998 ver), Win95 OSR2.1 USB driver.

## PACKAGE CHECKLIST

The package contains the following items:

- USB Hub
- USB Cable
- USB Power

## INSTALLATION

Step 1: Connect to Power adaptor.

Step 2: Plug the B type connector into the "USB port " of USB Hub(See figure 1).

Step 3: Plug the A type connector into the USB Host ( PC )(See figure 2).

Step 4: Connect all USB devices to the Hub.

### Installation Procedures For WINDOWS 98

To install the USB Hub device as following step:

- Step 1: When hardware installation complete, Win98 will auto detect your USB Hub, the following dialog box will appear, Click Next.
- Step 2 : Select the (Search for the best driver for your device (Recommended) Option, then Click Next.
- Step 3 : Please insert the windows 98 CD into CD-ROM, Select CD-ROM drives or specify a location, Click Next to start and search.
- Step 4 : Click Next to continue.
- Step 5 : Click Finish, Windows has finished installing the device.

## PT9002 FEATURES

- High performance USB hub
- Complies with “ Universal Serial Bus Specification Rev. 1.1” and ACPI, OnNow and USB power management requirements
- Configurable 4 downstream ports with automatic speed detection
- Internal power-on reset and low voltage reset circuit
- Supports hybrid-powered and application
- Individual power switching for downstream ports
- Individual port overcurrent protection with built-in sense circuits
- Visual USB traffic monitoring (GoodLink™) for hub and downstream ports