Appendix

Specifications

Function		Specification
Connectors	USB	Type A Plug
	PS/2	1 Keyboard; 1Mouse
Function Switches		1 Remote Wake Up Pushbutton
Cable Length		30cm
Platforms		Windows98; Windows 2000; Apple Mac OS8.6
Transfer Rate		12Mbps (bits per second)
USB Specs		1.0 and 1.1 Compatible
Power Mode		Bus Powered (Via the USB cable)
Operating Temperature		5 ~ 40°C
Storage Temperature		-20 ~ 60°C
Humidity		0 ~ 80% RH, Noncondensing
Housing		Plastic
Weight		80g
Dimensions		82 x 55 x 23 mm

Radio & TV Interference

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.

Limited Warranty

IN NO EVENT SHALL THE DIRECT VENDOR'S LIABILITY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT, DISK, OR ITS DOCUMENTATION EXCEED THE PRICE PAID FOR THE PRODUCT.

The direct vendor makes no warranty or representation, expressed, implied, or statutory with respect to the contents or use of this documentation, and especially disclaims its quality, performance, merchantability, or fitness for any particular purpose.

The direct vendor also reserves the right to revise or update the device or documentation without obligation to notify any individual or entity of such revisions, or update. For further inquiries, please contact your direct vendor.

USB
UNIVERSAL SERIAL BUS

PS/2 KEYBOARD & MOUSE TO USB ADAPTER

User Manual

UC-100KM

Read this manual thoroughly and follow the installation and operation procedures carefully to prevent any damage to the unit, and/or any of the devices connected to it.

This package contains:

- 1 UC-100KM PS/2 Keyboard and Mouse to USB Adapter
- 1 User Manual

If anything is damaged or missing, contact your dealer.

Overview

Universal Serial Bus (USB) port technology has emerged in response to the proliferation of external peripheral devices (keyboards, mice, scanners, digital cameras, removable drives, etc.), that are increasingly being connected to the latest generation of PCs. The USB behaves in a similar fashion to conventional bus ports (i.e., serial, parallel, PS/2), but is much faster, and since it does not require any IRQs, more devices can be attached to the system, and the problem of IRQ conflict is eliminated.

The UC-100KM PS/2-to-USB Keyboard and Mouse interface converter provides the means for PS/2 type keyboards and mice to connect to a PC, notebook, laptop, or handheld computing device that supports the USB specification via the USB bus instead of using conventional bus technology. An advantage of this for notebooks, for example, is that now an external mouse and keyboard can be connected up at the same time without causing conflict.

The UC-100KM comes with two standard 6 pin mini DIN female connectors for the PS/2 keyboard and PS/2 mouse to plug into, and has an attached 30 cm USB cable with a type A plug for connection to the PC's USB port, or to a USB hub.

Note: Since most computers only have one or two USB ports, USB hubs are often used to provide additional ports so that numerous USB peripheral devices can be connected up at the same time.

For further convenience - especially to users of notebooks, laptops, and handhelds - the UC-100KM Adapter derives its operating power from the Universal Serial Bus itself, so no bulky external power supply needs to be taken along. And because it is a USB Specification compliant device, the UC-100KM supports energy-saving suspend and resume operations.
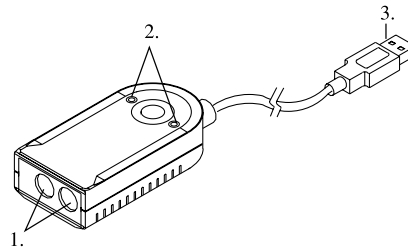
System Requirements

- Windows 98, 2000; or MacOS 8.6 or higher
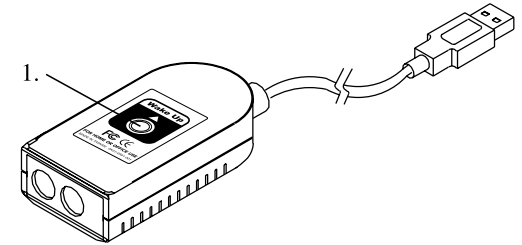- USB Host Controller installed on the system.

Features

- Two PS/2 Devices (Keyboard and Mouse) to USB Interface Converter
- Supports PS/2 Mouse and Microsoft IntelliMouse
- Supports PC Windows98 and Apple G3/iMac w/OS 8.6 Computers
- Wake Up Function
- USB 1.0 and 1.1 Specification Compliant
- Easy Installation - No Software Required
- Bus Powered - External Power Adapter Not Required
- Compatible with KVM Devices

Top View

1. Mouse and Keyboard Ports

   The cables from the PS/2 Mouse and PS/2 Keyboard plug in here. The ports are marked with an icon to indicate which is which.

2. Mouse and Keyboard LEDs

   Flash when the keyboard or mouse is transmitting data packets.

3. USB A Type Connector

   This connector plugs into the computer's USB port, or into a USB Hub that is connected back to the computer.

Bottom View

4. Wake Up Switch

Installation

Installation simply entails plugging the cables into their appropriate sockets:

1. Plug the PS/2 Mouse and PS/2 Keyboard into the appropriate connectors on the UC-100KM adapter. The ports are marked with an icon to indicate which is which.

2. Plug the UC-100KM's USB plug into the computer's USB port, or into a USB Hub that is connected back to the computer.

After completing these steps, simply use the mouse and keboard as you normally would.