

7932/7932M/8113/8113W KEYBOARD

USER'S GUIDE

Features : The keyboards are standard USB hubless keyboards, which are fully compatible with the USB specification 1.1 as well as the Human Interface Device (HID) class specification 1.0.

This keyboard will process the keyboard input and interconnect with the PS/2 mouse device through a serial PS/2 synchronous communication protocol. The keyboard and mouse data will then be formatted into USB message blocks and sent to the host application for processing.

USB CABLE & PLUG

The keyboard has a cable for sub-channel device and a series A plug which fully comply with the USB specification 1.1.

Contact Numbering

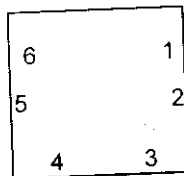
Contact Number	Signal Name	Comment
1	VCC	Cable power
2	- Data	
3	+ Data	
4	Ground	Cable ground



PS/2 MOUSE CONNECTOR

Contact Numbering

Contact Number	Signal Name
1	Mdata
2	Reserved
3	Ground
4	Reserved
5	+ 5VDC
6	Mclock



FCC ID: E5XKB 8113W4F0710

TECHNICAL DATA

Power Requirement

+5 VDC @ 100 mA

Environment Data

Operating temperature : 0°C to 55°C
Relative humidity : 5% to 90% non-condensing
Altitude : 1000 ft. to 10000 ft.

Mechanical Data

Total Travel : 3.5 ± 0.5 mm
Pretravel : 1.0 ± 0.5 mm
Operating Life (normal key) : 10 million cycles min.
Peak Load before Make (normal key) : 60 ± 20 grams

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FCC GUIDELINES

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. 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.

Information to User:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. Shielded interface cable, if any, must be used in order to comply with emission limits.

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Version 1.2
August 1998
Printed in China