

EXHIBIT C

User Manual

51/71/72/79 SERIES KEYBOARD

USER'S GUIDE

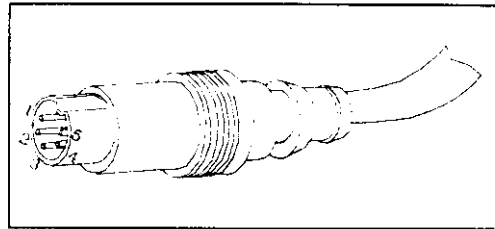
Features : The keyboards are fully compatible with IBM AT and PS/2.

KEYBOARD CABLE CONNECTOR

AT Compatible Cable

(5-pin Dln Connector)

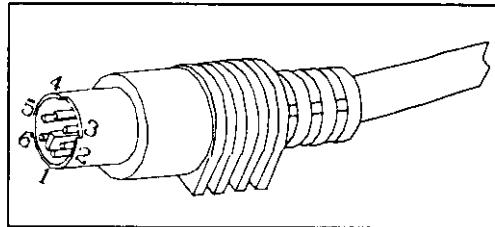
Pin#	Signal Name	Voltage
1	Keyboard Clock	+5VDC Signal
2	Ground	0
3	Keyboard Data	+5VDC Signal
4	Power Supply	+5VDC
5	No Connection	



PS/2 Compatible Cable

(6-pin Miniatures Dln Connector)

Pin#	Signal Name	Voltage
1	Keyboard Clock	+5VDC Signal
2	Ground	0
3	Keyboard Data	+5VDC Signal
4	Reserved	0
5	+5VDC	+5VDC
6	Reserved	0



TECHNICAL DATA

Power Requirement

+5 VDC @170 mA nominal

Environment Data

Operating temperature	: 0°C to 55°C
Relative humidity	: 20% to 95% 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)	: 20 million cycles min. per key
Peak Load before Make (normal key)	: 60 ± 20 grams

IBM AT and PS/2 are registered trademarks of International Business Machines Corporation.

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

Use only shielded cables to connect I/O devices to this equipment.

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.*

INFORMATION TO THE USER

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

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 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.

This booklet is available from the US government Printing Office
*Washington, DC 20402, Stock NO. 004-000-00345-4.

CAUTION: Any changes of modifications not expressly approved by the grantee of this device could void the users authority to operate the equipment.