RM-KB-LCD
KEYBOARD WITH LCD DISPLAY
ASSEMBLY INSTRUCTIONS

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NOTE:

1) This product requires front and rear mounting using an 18.75" to 20.25" and 23.50" to 26.25" range. Pre-configure rackrail within this range prior to installation of unit

2) Before installation, make sure all peripherals and computers have been turned off. RM-KB-LCD must be locked in the closed position during installation

Adjustable mounting range of 18.75" to 20.25" and 23.50" to 26.25"
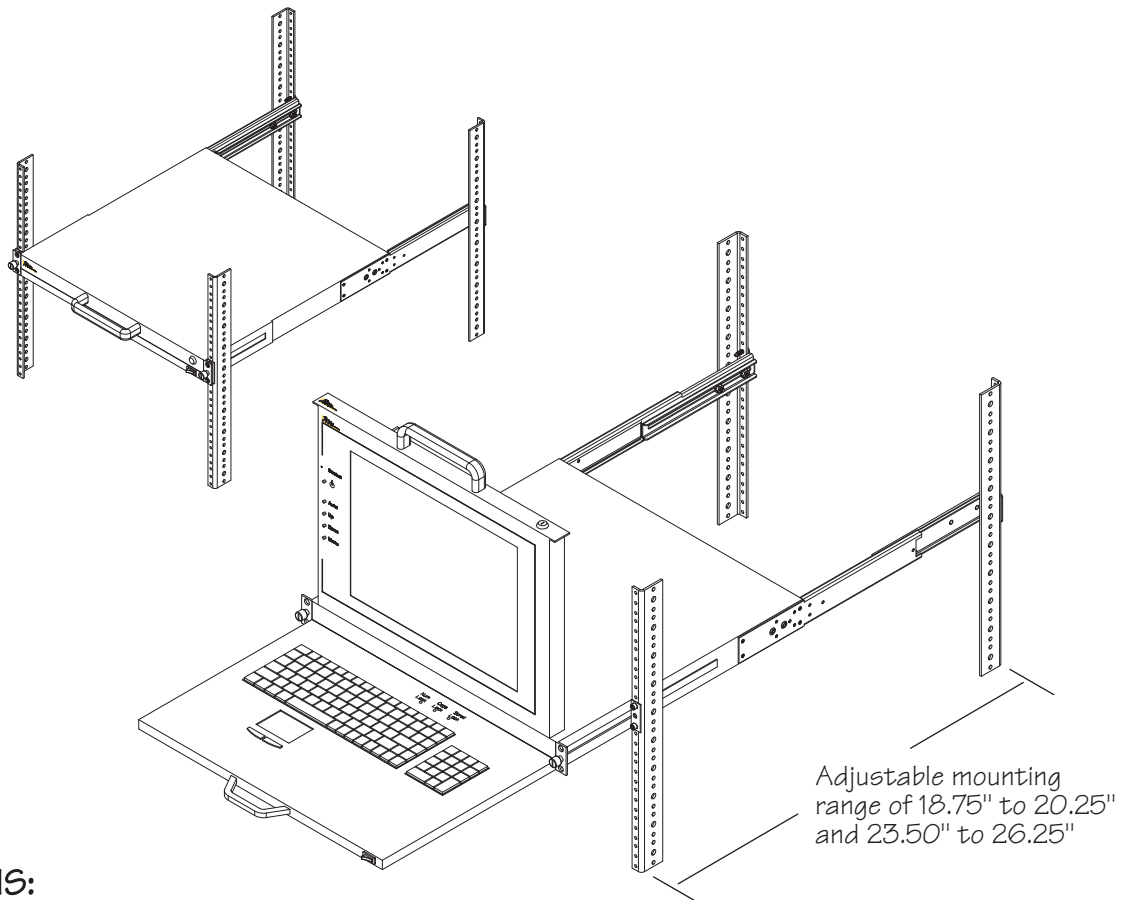
SPECIFICATIONS:

Bright active matrix TFT LCD Display
screen resolution: 1024 X 768 (15" screen)
                1280 X 1024 (17" screen)
Rear articulating cable carriers provide cable strain relief
Dual slide system allows for system monitoring while keyboard is in the closed position
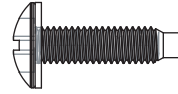105 key PS/2 keyboard with touch pad pointing device
Compact 1 space size

CAUTION: There may be systems, or external USB ports, with which this product will not be compatible

Instruction # I-00128	Rev. F	Date:	11/17/05
Part # **RM-KB-LCD**			
Page: 1 of 6		Assembly: full	
Voice 973-839-1011 • Fax 973-839-1976		middleatlantic.com	**Middle Atlantic Products, Inc.**

INSTRUCTION # I-00128   REV. F   11-17-05

TOOLS NEEDED:
- No. 2 Phillips Screwdriver
- 3/8" Nut Driver

HARDWARE KIT CONTENTS:
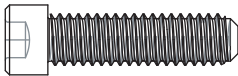
Rack screws (4)
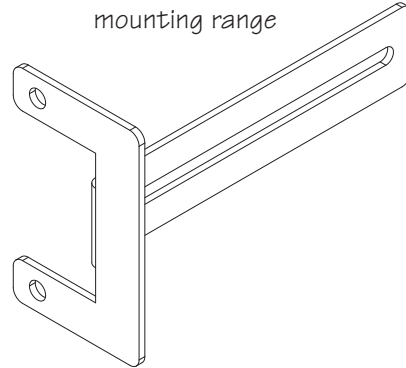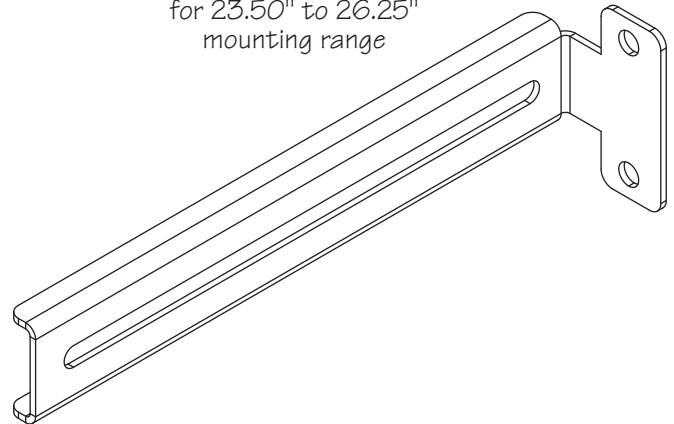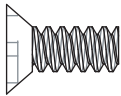
Hex key (1)

Adjustable rear
support ear (2)
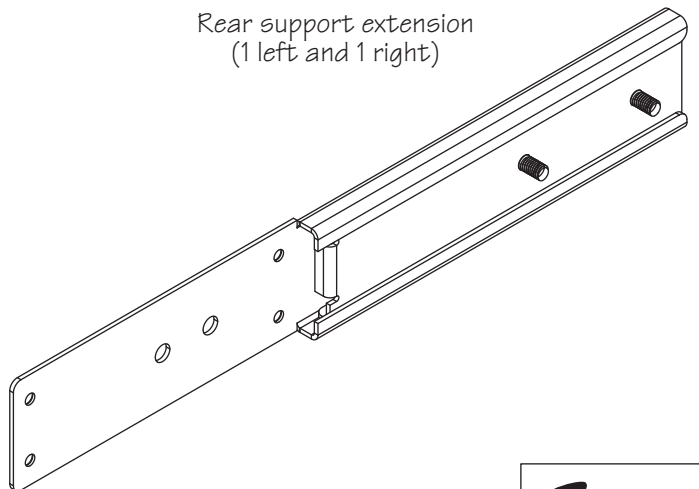for 18.75" to 20.25"
mounting range

Cap screw (4)

Adjustable rear
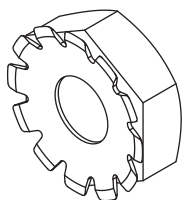support ear (2)
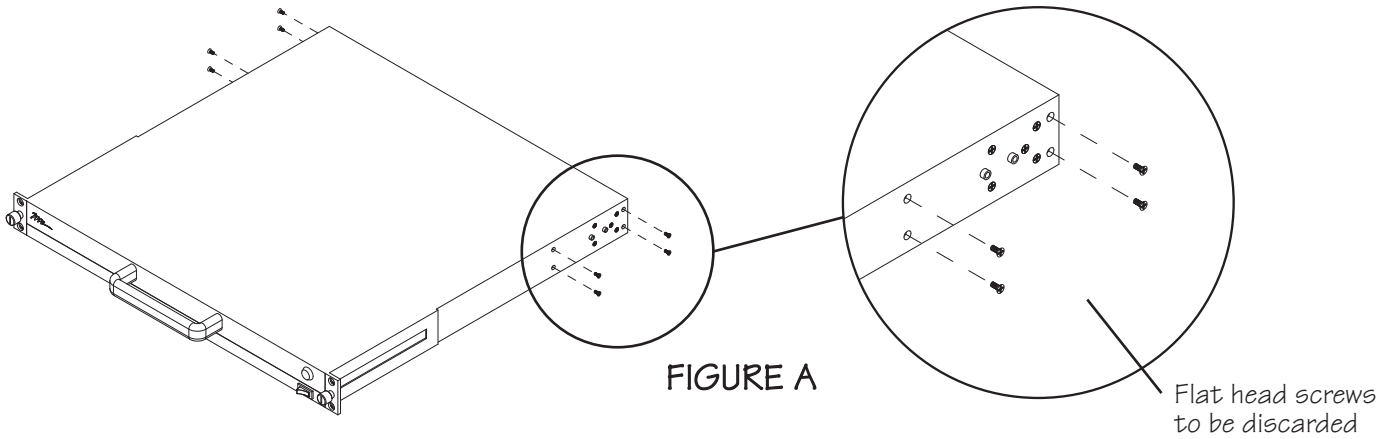for 23.50" to 26.25"
mounting range

Flat head screw (8)

Lock nut (4)

Rear support extension
(1 left and 1 right)

Assembly: full

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1) Remove 4 flat head screws from each side and discard (See **FIGURE A**)

FIGURE A

Flat head screws
to be discarded

2) Install rear left and right support extensions using supplied flat head screws (4 per extension) (See **FIGURE B**)

TIP: Install all screws before final tightening

Supplied flat head screws

Left rear support
extension

Right rear support
extension
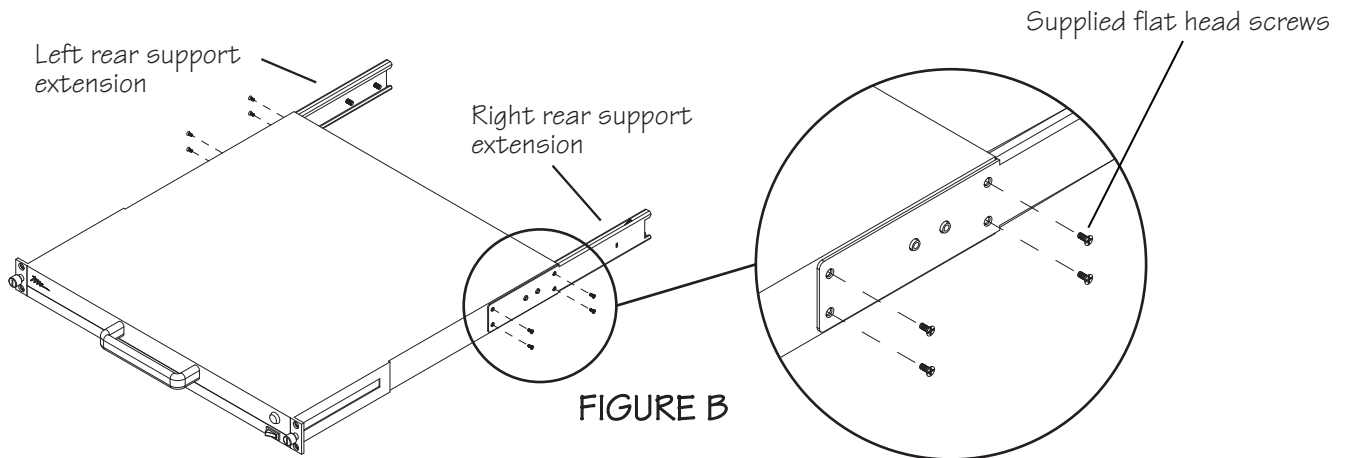
FIGURE B

3) Using hex key and cap screws (one per side) mount unit to the front rackrail, using upper mounting point. Do not tighten (See **FIGURE C**)

NOTE: 1) 2nd person required for rear support during installation

2) Unit shown partially extended for clarity. Not required for installation

Cap screw

Hex key

FIGURE C

Assembly: full

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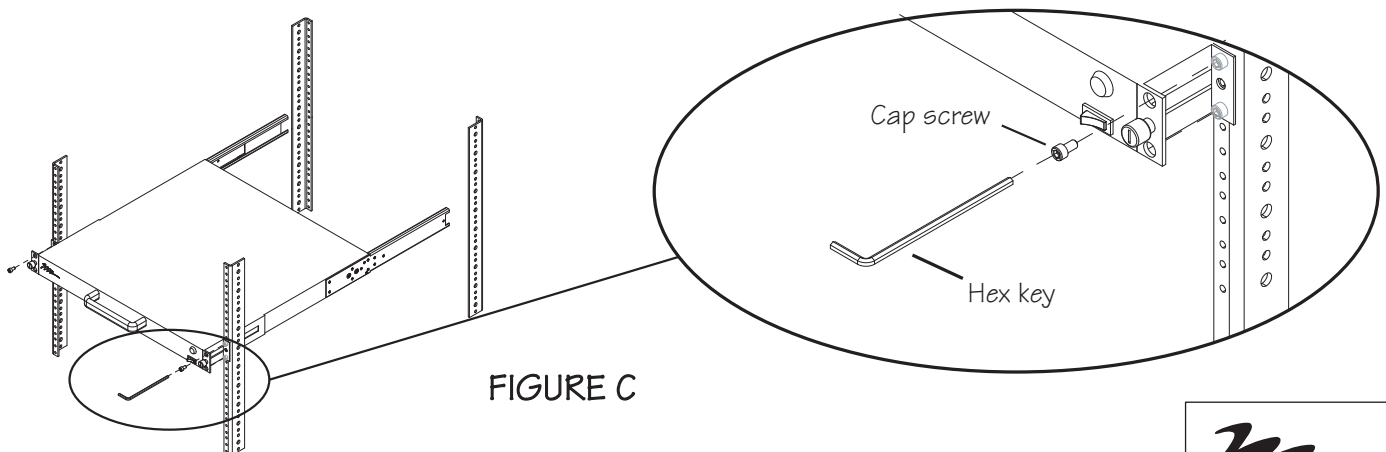
When installing rackmount keyboard using the 23.50" to 26.25" mounting range, (see **FIGURE D**)
When installing rackmount keyboard using the 18.75" to 20.25" mounting range, (see **FIGURE E**)

4) With unit in closed position, install rear support ears onto slider. Loosely install nuts

5) Attach rear support ears to rackrails using provided rack screws (2 per side). Adjust slides
   forward so they can not extend any further. Tighten nuts

NOTE: 1) Rear support ears attach to face (outside) of rear rackrail

        2) When installing rackmount keyboard in rack with front door
           make sure unit is set back enough so the door clears the
           handle

FIGURE D

FIGURE E

Assembly: full

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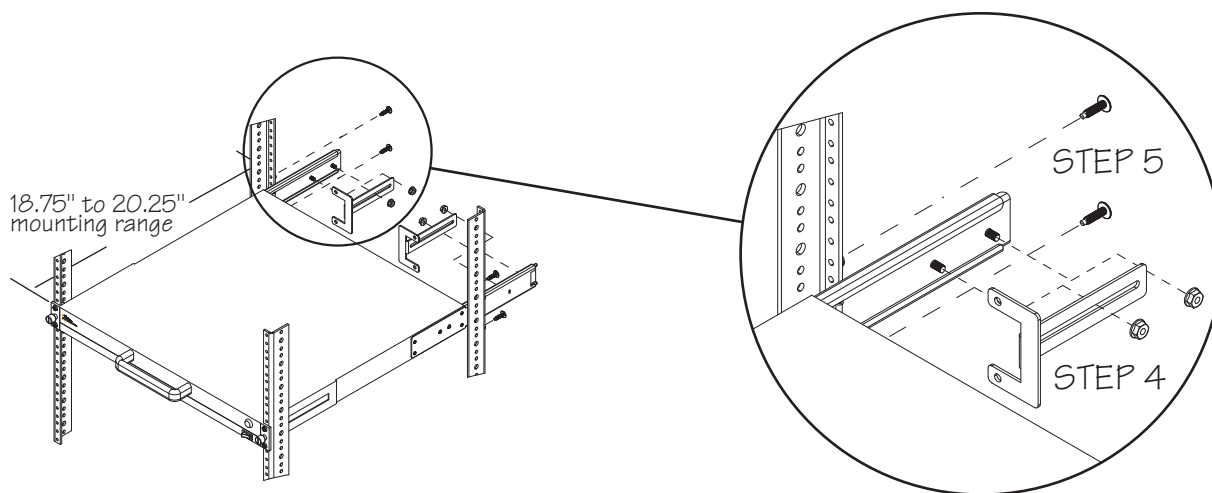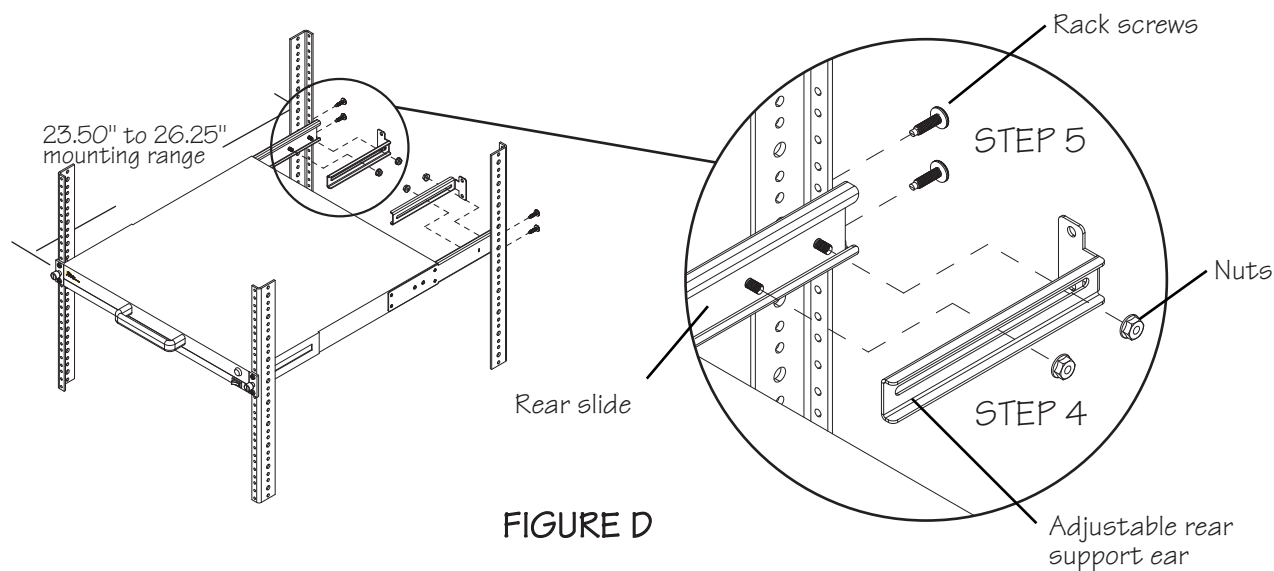
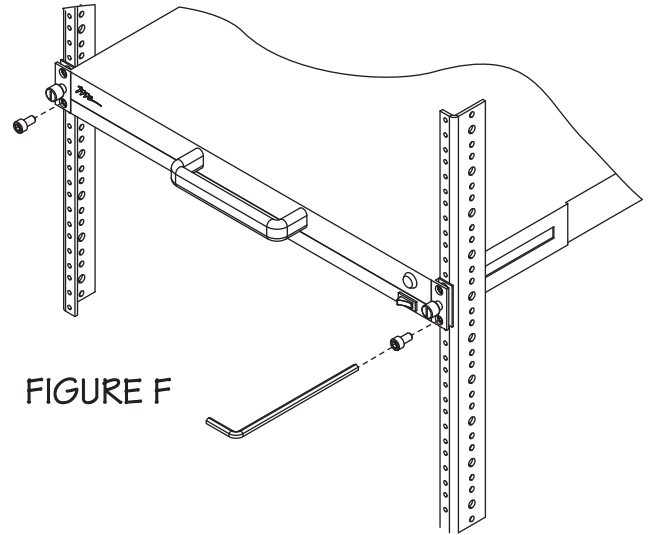6) Install bottom 2 cap screws into front ears and tighten all 4 cap screws on front (See **FIGURE F**)

FIGURE F

7) Attach provided connectors and power supply (See **FIGURE G**). Refer to "Connection Recommendations" on page 6

FIGURE G
(Rear view)

Connectors

Power supply inlet

CONTROL PANEL:

1) Power Indicator Light:
The LED light will be turned on and off with the power

2) Power: Turns the power on/off
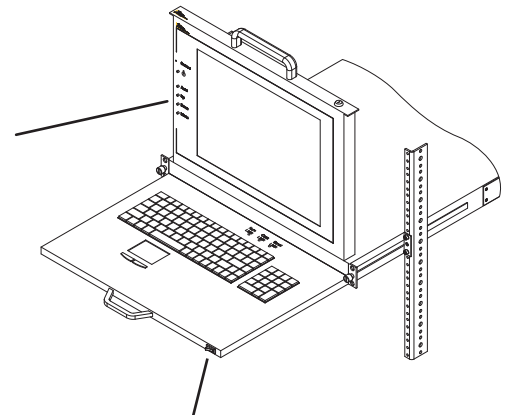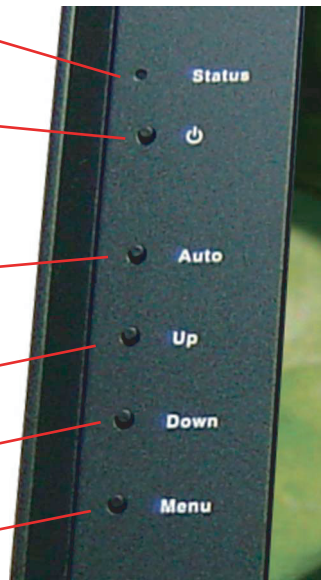
NOTE: Master power switch must be in 'ON' position

3) AUTO TUNE:
Press to auto adjust the monitor image

4) To move Up

5) To move Down

6) MENU / ENTER:
Pressing MENU / ENTER button will display the Onscreen Display menu.
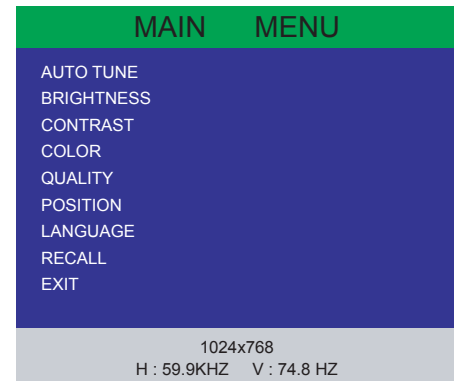This button also allows you to select items on the menu

Control Panel

Master power switch

Assembly: full

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ONSCREEN DISPLAY MENU:

How to use Onscreen Display Menu:

1) Press MENU / ENTER button to display the main menu

2) Press the UP / DOWN buttons to select the item you wish

3) Press MENU / ENTER key to enter sub menu

4) Select EXIT and press MENU / ENTER to close MENU

```
            MAIN    MENU

AUTO TUNE
BRIGHTNESS
CONTRAST
COLOR
QUALITY
POSITION
LANGUAGE
RECALL
EXIT

              1024x768
       H : 59.9KHZ    V : 74.8 HZ
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CONNECTION RECOMMENDATIONS:

1) Fully extend keyboard and secure cables with service loop. Verify that cables are free of pinch points in the retracted position. Do not use rear extensions for cable tie points

2) The recommended VGA cable distance is 16 feet (5 meters) maximum to avoid ghosting and degradation

3) The recommended PS/2 cable distance is 16 feet (5 meters) maximum. Normally, the cable length is based on driver capacity of your motherboard PS/2 port. If you need a longer PS/2 cable, use a PS/2 extender

4) Ensure that all cables are properly seated

CERTIFICATIONS:

FC

This equipment has been tested and found to comply with Part 15 of the FCC Rules.
Operation is subject to the following two conditions:
(1) This device may not cause harmful interference
(2) This device must accept any interference relieved. Including interference that may cause undesired operation

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This equipment is in compliance with the requirements of the following regulations:
EN 55 022: CLASS B

NO HASSLE 1 YEAR LIMITED WARRANTY

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Assembly: full