

OVERVIEW

The CV-100KM is a PS/2 keyboard and mouse emulator designed to provide a simple, inexpensive solution to common problems associated with KVM (keyboard, video, mouse) switches. It permanently cures damaging computer lock-up commonly found in those KVM switches that do not provide keyboard and mouse emulation. With those switches, the computers 'lose' the keyboard and/or mouse when the focus switches to a different system.

Simply plug the emulator into the computer's keyboard and mouse ports, and the CV-100KM's state-of-the-art microprocessor appears to the system as if there were an actual keyboard and mouse present. The computer boots and operates normally, with or without the presence of a real keyboard and mouse.

Because the CV-100KM's circuitry allows seamless and fail-safe hot plugging of the keyboard and mouse, you can hot swap the two peripherals among any number of computers at any time. The emulator works with just the keyboard or just the mouse present, as well.

FEATURES

- Prevents computer lockup due to keyboard signal loss with KVM switches
- Allows hot plugging of the keyboard and mouse
- Allow keyboardless/mouseless boot and run - for increased security
- Non-powered - uses the computer's keyboard power source
- For KVM devices that do not provide keyboard and mouse emulation

SYSTEM REQUIREMENTS

PS/2 Keyboard and Mouse ports installed on your computer or KVM switch.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Subpart J of Part 15 of 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 which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

TOP VIEW

1. Mouse and Keyboard Ports

The cables from your PS/2 Mouse and PS/2 Keyboard plug in here. Each port is marked with an appropriate icon to indicate which one it is.

Note: If you are using a KVM switch, the keyboard and mouse connectors from the KVM cable plug in here.

2. Mouse and Keyboard LEDs

The LEDs light to show that the peripheral has connected to the computer. The corresponding LED flashes when the keyboard or mouse transmits data.

3. Mouse and Keyboard Connectors

These connectors plug into the keyboard and mouse ports of your computer. Each connector is marked with an appropriate icon to indicate which one it is.

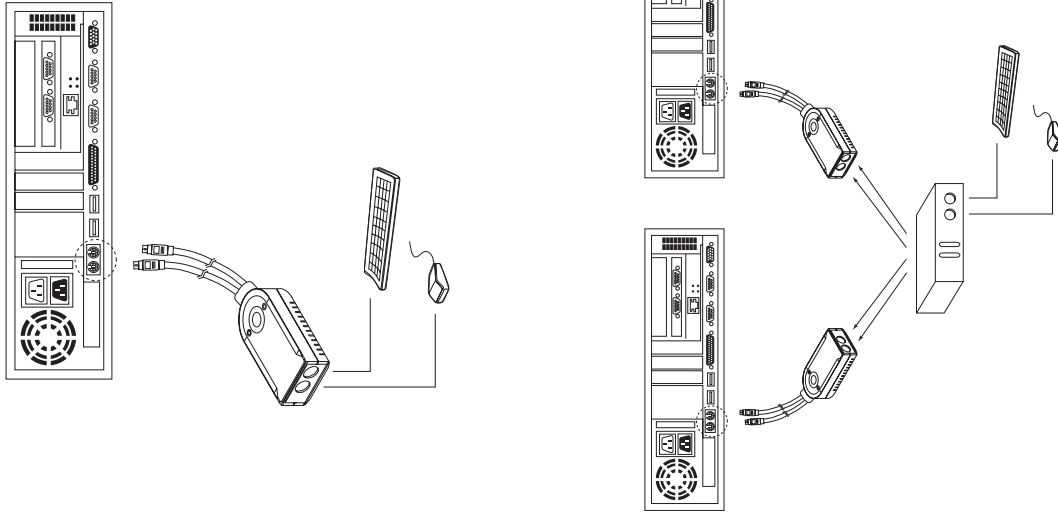
BOTTOM VIEW

1. Wake Up Switch

- If your keyboard has *Wake Up* capability, you can bring the computer back from power saving mode, by pressing its *Wake Up* key, or by tapping the Right Shift key.
- If your keyboard does not have *Wake Up* capability, pressing this *Wake Up* switch brings the computer back from power saving mode.

INSTALLATION

Installation simply entails plugging the cables into their appropriate sockets as shown in the diagrams below:



TROUBLESHOOTING

Problem	Cause	Action
Erratic Operation	Static electricity may cause the unit to operate erratically.	Unplug the CV-100KM's cables from the computer's keyboard and mouse ports, then reinsert them.

SPECIFICATIONS

Function	Specification
Connectors	Keyboard 1 x 6 pin mini-din F (to keyboard) 1 x 6 pin mini-din M (to computer)
	Mouse 1 x 6 pin mini-din F (to keyboard) 1 x 6 pin mini-din M (to computer)
LEDs	2
Switches	1 x Remote wakeup pushbutton
Cable Length	30 cm
Operating Temperature	0 ~ 50° C
Storage Temperature	-20 ~ 60° C
Humidity	0 ~ 80% RH
Housing	Plastic

LIMITED WARRANTY

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

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.

PS/2 KEYBOARD & MOUSE EMULATOR



USER MANUAL

CV-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 CV-100KM PS/2 Keyboard-Mouse Emulator
- 1 User Manual

If anything is damaged or missing, contact your dealer.

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