

## KM-104 KM Switch

### Quick Installation Guide

The KM switch (KM = Keyboard / Mouse). KM-104 is a device that switches a single keyboard and mouse between four computers. It is a KM switch without the video switching - all displays are continuously connected to their respective computers.



KM Switch Function Table:

P/N	KM-104
Features	Keyboard / mouse Switch Audio switch USB switch

### Features

- SCS (Seamless Cursor Switching) allows the KM to switch automatically between computers once mouse cursor crosses display borders.
- LED Indication

### Screen Topology

Model1	
Model2	
Mode3	

(factory default = mode 1)

### Audio Freeze

- Audio-output is not interrupted even port switching
- Dedicated LED indication

### USB Freeze

- USB access is not interrupted even port switching
- Dedicated LED indication

### Package

- KM SWITCH
- Quick Installation Guide
- Power adapter (5V)

### Quick Installation

Before attempting to connect anything to the KM Switch or your computers, please ensure that all computer equipment and devices are powered off.

Unpacking the product, then, start ....

- Step 1.** Connect each monitor directly to the computers. Connect the USB keyboard/mouse to the Console section of the Switch.



### Step 2. Connecting Computers to the KM

Connect each computer to the Switch ports marked "PC" with standard USB (A to B) cables. Connect each audio cable from the Switch to each computer's audio output (green) or line output (blue) jacks.

### Step 3. Power-Up PC1

- Power on the monitor-1 and PC1.
- The KM Switch would have some beep sounds to indicate the configuration setting (1-beep for mode-1, 2-beeps for mode-2, and 3-beeps for mode-3).
- Check the mouse appears at the center of the screen if moving the mouse.

### Step 4. Power-Up PC2, 3, and 4

- Press the button 2 at the front panel; the LED lights. Power-up PC2; then, check if the keyboard and mouse works.
- Likely, sequentially press the button 3 / 4 at the front panel, power-up PC3 / PC4; then, check.

Now, you could start operating the KM Switch.

### Operation

#### Switch KM by Buttons

For example, KM locates of PC1 (LED 1 lights). Press the button 3, then the KM will switch to PC3 (LED 3 light).

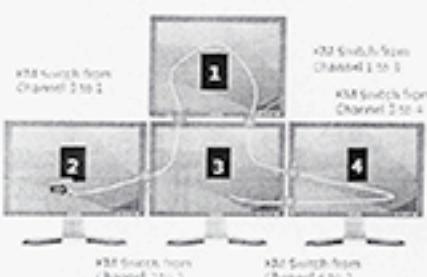


#### Switch KM by Cursor Movement

As the mouse-cursor moves across the screen boundary, it will switch automatically.

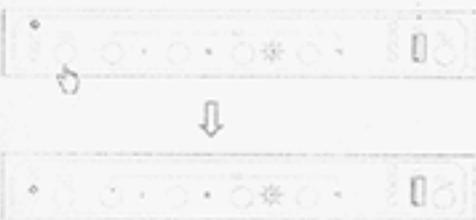
(As the figure below) Assuming the screen is set "mode-3", the cursor moves from PC2.

- As the cursor moves across screen 2,3 boundary, it switches to PC3.  
As it moves across screen 3,1 boundary, it switches to PC1.  
As it moves across screen 1,3 boundary, it switches to PC3.  
As it moves across screen 3,4 boundary, it switches to PC4.  
As it moves across screen 4,3 boundary, it switches to PC3.



### Switch Audio Source by Button

To let the console-speaker output from the selected computer, one shall switch the cursor to a specific computer (by a mouse or a KB/MS Selector button), then press the "Audio Freeze" button; therefore, the audio will be kept that this channel until another press on the "Audio Freeze" button or power-off. The selected audio channel could be identified by the "Audio-LED" indicators.



### USB hub Mapping

To map the USB device to the selected computer, one shall switch the cursor to a specific computer (by a mouse or a KB/MS selector button), then press the "Hub Freeze" button; and then, the USB device will be kept mapping to that computer until another press on the "Hub Freeze" button or power-off. The mapping could be identified by the "USB Hub-LED".

PLEASE MAKE SURE THE USB ACCESS IS FINISHED BEFORE PRESS THE "HUB FREEZE" BUTTON TO PREVENT POTENTIAL DATA LOST OR FILE DAMAGE.



### Setting Screen Topology

Command	Hotkeys	Beep(s) after setting
Mode 1	CTRL,CTRL,F1,F1	1 beep
Mode 2	CTRL,CTRL,F1,F2	2 beeps
Mode 3	CTRL,CTRL,F1,F10	3 beeps

It will be valid right after setting. The mode would be saved in KM Switch.

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