



# Freedom II<sup>TM</sup> KM Switches

Keyboard/Mouse Switches with Glide and Switch Support



With the Black Box Freedom™ II 4-Port and 8-Port KM (keyboard and mouse) Switches, you can control operations across four or eight computers by simply moving your mouse from screen to screen. This saves desktop space and improves operator response time. Use Freedom as a stand-alone KM switch or add it to your KVM matrix switching system to optimize workflows in control rooms, command centers or 911/112 call centers.

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## Solutions



Command and Control Rooms



Broadcast and Post-Production



Financial Trading Rooms



Air Traffic Control and ATM



Public Safety

## Ideal for a Wide Range of Industries

Freedom II KM Switches do not require the installation of additional software or drivers on your PC, feature a user-friendly management GUI and optimize workflows for operators. That's why they are ideal for a wide range of industries and applications, such as control rooms, media production suites, financial trading desks, 911/112 call centers, airport control centers and more.



# Benefits of Freedom II KM Switches

## Glide and Switch Computer Control

Freedom II KM Switches allow you to control up to four (or up to eight) different computers and their screens from one keyboard and mouse. To switch between computers, you simply move the mouse cursor from monitor to monitor.

## Instant Switching of Shared Peripherals

Share stereo audio, USB HID and two independently switched USB 2.0 peripherals. In addition to switching by moving the mouse, Freedom II supports “quick-fire” switching via hotkey front-panel buttons, serial or external control systems, such as Black Box ControlBridge™.

## Easy Configuration

Built-in hardware configuration GUI that is accessible via the network connector using a standard web browser. To configure your Glide and Switch screen layout, use the user-friendly configuration application available for download on our website.

## Works with Black Box KVM Matrix Switches

Add the Freedom II KM Switches to various KVM matrix switching systems, such as Black Box’s Emerald™, DKM™ or Agility™, to enable Glide and Switch support.

## OS Agnostic

Freedom Switches support all common operating systems, such as Mac OS®, Microsoft® Windows® and Linux. This allows you to create multi-OS extended desktops. These switches also support multi-head graphics cards on Windows® 7, 8 and 10 (requires installation of additional drivers).

## Compact Size with Redundant Power Option

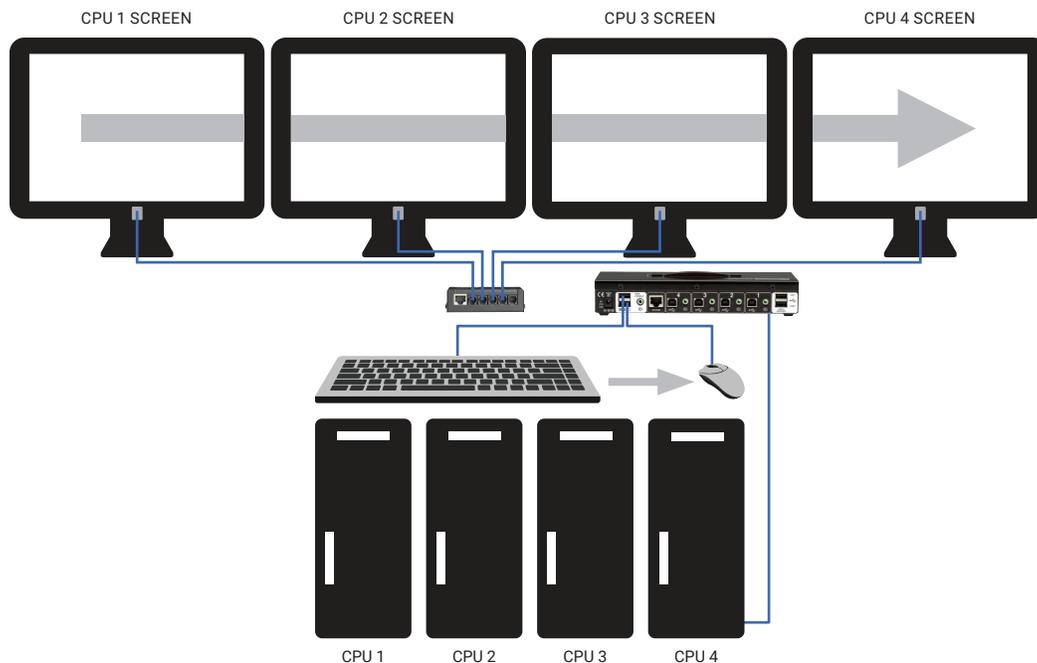
Freedom II KM Switches are contained within sturdy yet compact metal cases that can easily be concealed within the cable flows behind your desk. Each switch is supplied with a single power adapter but offers the facility to use a second input in order to provide operational redundancy.

## Optional LED Indicators

The Freedom LED Monitor Kit provides individual indicator modules that make it easy to see which screen and system are currently selected. All LEDs can be easily mounted to screen bezels.

## True Emulation

Freedom II Switches gather the true identities of the connected keyboard and mouse and present those “real” profiles concurrently to every system. Thus, specialized keyboards and mice can be fully supported.



Glide and Switch Setup Using a Freedom II 4-Port Switch and LED Monitor Identification Kit

# Freedom II KM Product Family

## Freedom II KM Switch – Four or Eight Ports

A flexible 4-port or 8-port professional-grade KM switch that simplifies USB keyboard and mouse access to multiple computers. Allows you to switch between connected systems by moving a mouse cursor from screen to screen.

- Switches between up to four (KV0004A-R2) or eight (KV0008A-R2) connected computer systems.
- Features four or eight USB HIDs and four or eight 3.5-mm audio jacks.
- Also has the following ports: two USB HIDs, two USB 2.0 ports and one 3.5-mm audio jack to attach a feature-rich console.
- Glide and Switch layout is configurable via a downloadable application.
- Supports all common operating systems with no need for additional drivers (except multi-head support on Windows devices).
- Optional rack mount kit and redundant power supply are available for purchase.



KV0008A-R2



KV0004A-R2

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## Freedom II LED Monitor Identification Kit

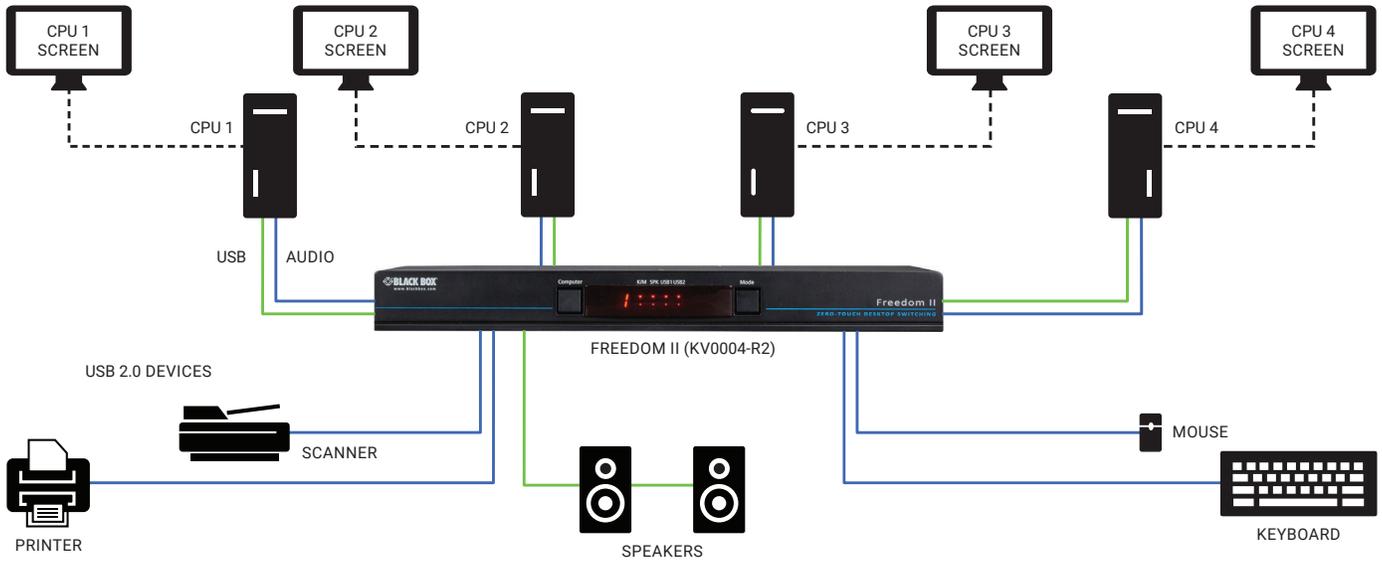
The LED Monitor Identification Kit quickly shows operators which monitor and CPU they are currently using in their Freedom II KM Switch system.

- Supports up to 10 LEDs.
- LEDs feature a wide range of brightness and colors.
- Each LED designates a different monitor connection.
- LEDs easily mount to monitor bezel.
- Kit includes controller unit and four LEDs.

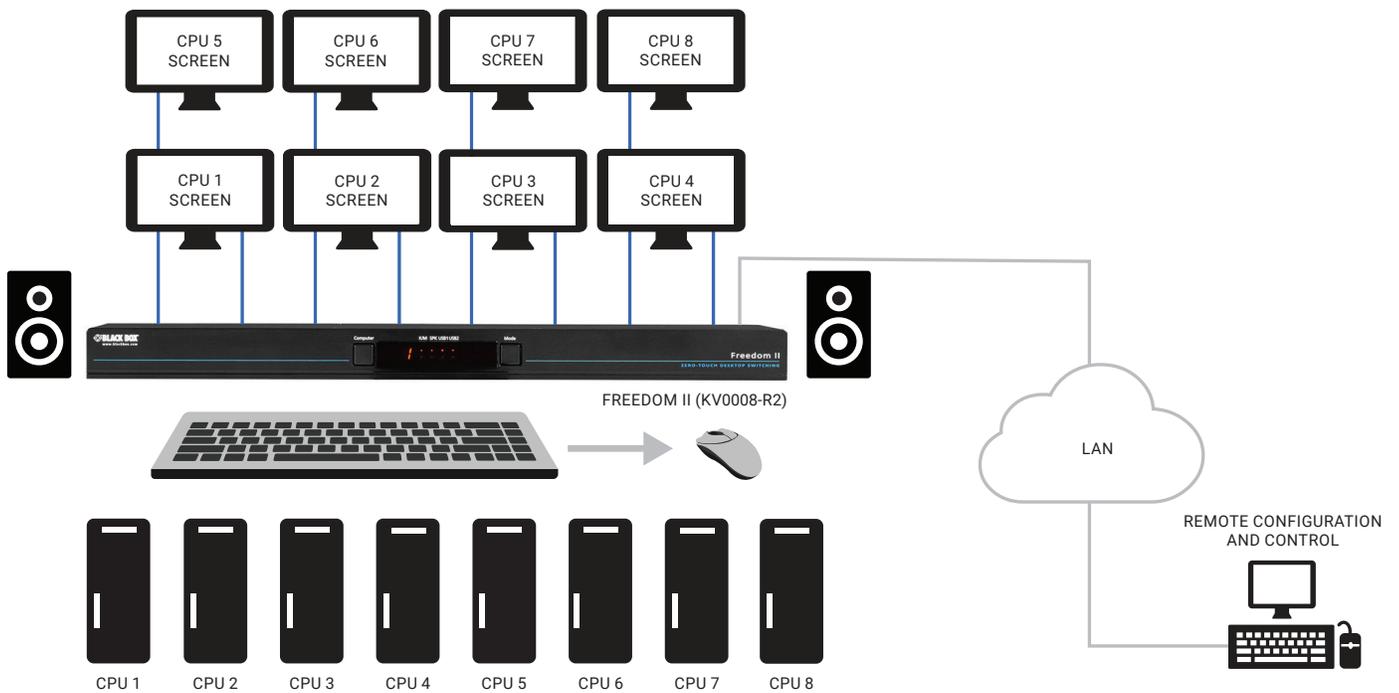


KV0004A-LED

# Freedom II Application Diagrams



Freedom II 4-Port Configuration including USB 2.0 Devices



Freedom II 8-Port Configuration

For more information about Glide and Switch technology, download our white paper **Glide and Switch: Switch Between Computer Systems by Simply Moving a Mouse** at [blackbox.com/whitepapers](http://blackbox.com/whitepapers).

# WHY BLACK BOX

## **Expertise**

Black Box project engineers can assist with system assessment, design, deployment and training.

## **Breadth**

Black Box offers the most comprehensive suite of engineered AV, KVM and infrastructure solutions in the industry.

## **Support**

Reflecting our commitment to complete satisfaction, our dedicated team of highly trained support technicians is available by phone free of charge, every day of the year.

## **Experience**

Providing leading technology solutions since 1976, Black Box helps more than 175,000 customers in 150 countries build, manage, optimize and secure IT infrastructures.

## **Warranties**

Multi-year warranties with multi-year extensions and replacement options are available.

## **Center of Excellence**

Black Box offers a Center of Excellence, featuring professional services and support agreements that help optimize customers' systems and maximize uptime.



**BLACK BOX**

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1.877.877.2269

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