D-Link®
Building Networks for People

KVM-440/450
Version 1.0

PS2/USB Combo KVM Switch

Quick Install Guide

Business Class Networking

Package Contents

Open the shipping carton and carefully unpack its contents. Please verify if the following package contents are present and undamaged.

(1) 8- Port or 16- Port PS2/USB Combo KVM Switch

(4) 4-in-1 PS2/USB Combo KVM cable

(1) Rack Mount Bracket Kit Set

(1) Power Adapter

(1) CD-ROM with Manual

If any item is missing or damaged, please contact your local D-Link reseller for replacement.

Product Overview
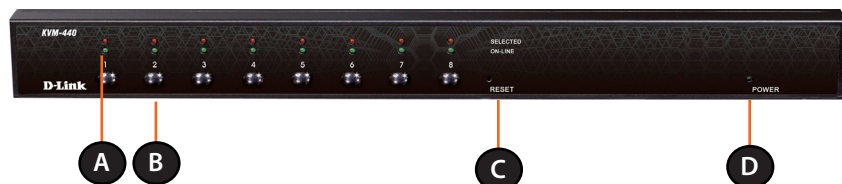
Front Panel

Figure 1- KVM-440 Front Panel

Figure 2 - KVM-450 Front Panel

Device Status LEDs and Buttons

Item	Feature	Description
A	Status LEDs	**Selected (Red):** A Red LED indicates that the corresponding PC is selected. **Online (Green):** A Green LED indicates that the corresponding PC is online.
B	Switch Button	Press the button corresponding to the computer you would like to control via console.
C	Reset Switch	Press the Reset switch when you would like to reset the device. The reset switch must be depressed using a thin object like the end of a paper clip, or a ball point pen.
D	Power LED	Indicates that the device is powered on.

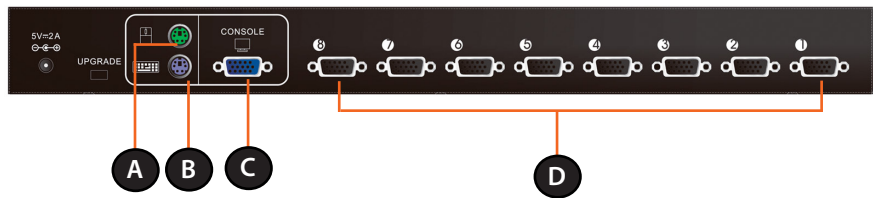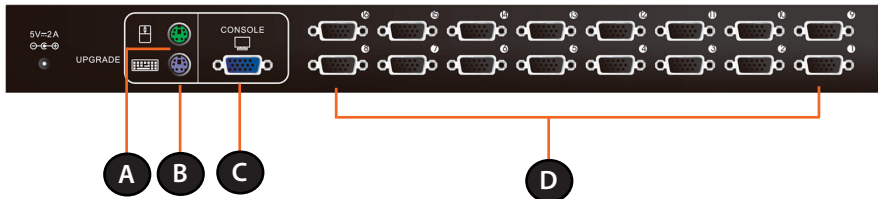## Rear Panel

Figure 3 - KVM-440 Rear Panel

Figure 4 - KVM-450 Rear Panel

KVM Port Connections

Item	Feature	Description
A	PS/2 Mouse Console Port	Connects to the PS/2 mouse
B	PS/2 Keyboard Console Port	Connects to the PS/2 keyboard
C	VGA Monitor Console Port	Connects to the VGA monitor
D	Computer Connectors	Connects to the computers with the 4-in-1 KVM combo cables

Installation:

Precautions:

- Please turn off computers and attached devices before installing the KVM Switch.

- For computers with Keyboard Power On function, please unplug the power cords in advance. Otherwise, the switch may not work properly.

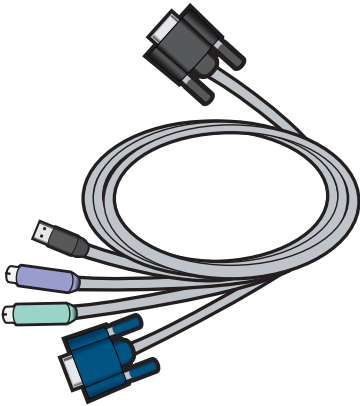- Some older computers may require you to enable USB in BIOS to make the USB interface work.

Console Connection:
Plug the keyboard, mouse and monitor into the console ports on the rear panel of the KVM Switch.

System Connection:
Use the 4-in1 KVM combo cable to connect your computers. Refer to the figures and instructions shown below for information about connecting the KVM to PCs.
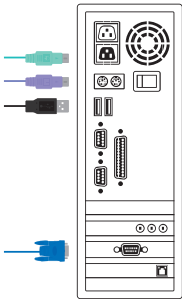
Note: Please contact your reseller to purchase additional 4-in-1 KVM combo cables.

Figure 5: 4-in-1 KVM combo cable

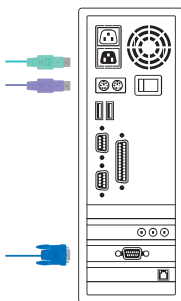You can connect the KVM switch to computers using one of the three methods shown below:

A. Connect USB, PS/2 Keyboard, PS/2 Mouse and VGA connectors to your computer. We recommend that users connect computers in the manner shown below. (Figure 6)

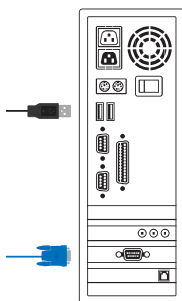**Figure 6: USB, PS/2 and VGA Setup**

B. Connect only PS/2 Keyboard, PS/2 Mouse and VGA connectors to your computer. (Figure 7)

Figure 7: PS/2 and VGA Setup

C. Connect only USB and VGA connectors to your computer. (Figure 8)

Figure 8: USB and VGA Setup

Cascade Chaining

The KVM switch supports cascades of up to 3 levels. Control up to 64/256/4096 PCs from a single console. Cascaded units do not require any special configuration Once connected, the KVM Switches will automatically configure themselves appropriately as the Master or Slave.

To install a cascade chain, please follow the instruction below.

A. Power off any attached computers/devices before installing the KVM Switch.

B. Use the 4-in-1 KVM combo cable (See Figure 5) to connect one or more Slave KVM Switches to any PC port on the Master KVM Switch. The KVM to KVM must be connected through a PS/2 connection. (Please refer to Figure 6 & Figure 7).

C. Plug in the power adapter for the first level Master KVM Switch and connect the Master KVM switch to computers.

D. Plug in the power adapter for each level Slave KVM Switch and connect the Slave KVM switch to computers.

E. The power on sequence should be:
    1. Master KVM Switch.
    2. Second level Slave KVM Switch (connected to Master KVM Switch) if needed.
    3. Third level Slave KVM Switch (connected to second level Slave KVM Switch) if needed.
    4. All computers connected to Master/Slave KVM Switch.

Initial Plug-in Process:
Please plug in the Master KVM Switch first before turning on any other devices like monitor or computers.

Hot plugging and hot swapping:
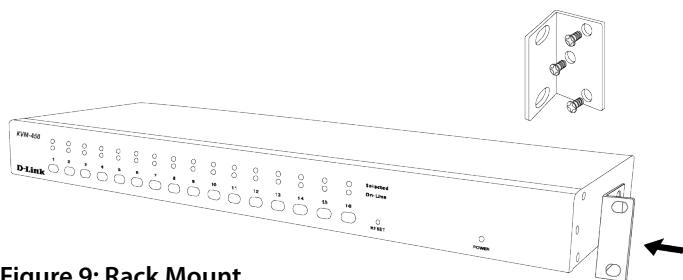The KVM switch supports hot plugging and hot swapping.

Rack Mounting

Figure 9 shows you how to attach the mounting brackets to the KVM Switch unit for a standard 19-inch rack cabinet.

1. Attach the mounting brackets onto the sides of the KVM Switch unit using screws. (Figure 9).

2. Install the KVM Switch unit into the rack cabinet.

Figure 9: Rack Mount

Operation

You can select a computer to control with the KVM switch using the front panel buttons, hotkeys, or OSD.

1. Button Operation
   Press the front panel button to select the connected PC.

2. Hotkey Operation
   Please refer to the Hotkey Operation section in the User Manual.

3. OSD Operation
   Please refer to the OSD Operation Section in the User Manual.

Notes

Notes

Technical Support

D-Link's website contains the latest user documentation and software updates for D-Link products.

U.S. and Canadian customers can contact D-Link Technical Support through our website or by phone.

United States

Telephone
(877) 354-6555

World Wide Web
http://support.dlink.com

Canada

Telephone
(877) 354-6560

World Wide Web
http://support.dlink.ca

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