



User Manual

2-Port USB KVM Switch with Audio Support

KVM-222

Table of Contents

Preface.....	3	Troubleshooting	12
Manual Revisions.....	3	Technical Specifications	14
Trademarks	3	Contacting Technical Support	15
Product Overview.....	4		
Package Contents.....	4		
System Requirements	4		
Features.....	4		
Product Overview.....	5		
KVM Installation	6		
Hardware Installation.....	6		
Software Installation	7		
Windows®	7		
Mac	8		
KVM Operation	9		
Accessing the KVM.....	9		
Windows®	9		
Mac	10		
Linux.....	11		

Preface

D-Link reserves the right to revise this publication and to make changes in the content hereof without obligation to notify any person or organization of such revisions or changes.

Manual Revisions

Revision	Date	Description
1.0	March 28, 2011	• KVM-222 Revision A1

Trademarks

D-Link and the D-Link logo are trademarks or registered trademarks of D-Link Corporation or its subsidiaries in the United States or other countries. All other company or product names mentioned herein are trademarks or registered trademarks of their respective companies.

Copyright © 2011 by D-Link Systems, Inc.

All rights reserved. This publication may not be reproduced, in whole or in part, without prior expressed written permission from D-Link Systems, Inc.

Package Contents

- 2-Port USB KVM Switch with Audio Support
- Remote
- CD-ROM (includes software and manual)
- Quick Install Guide

If any of the above items are missing, please contact your reseller.

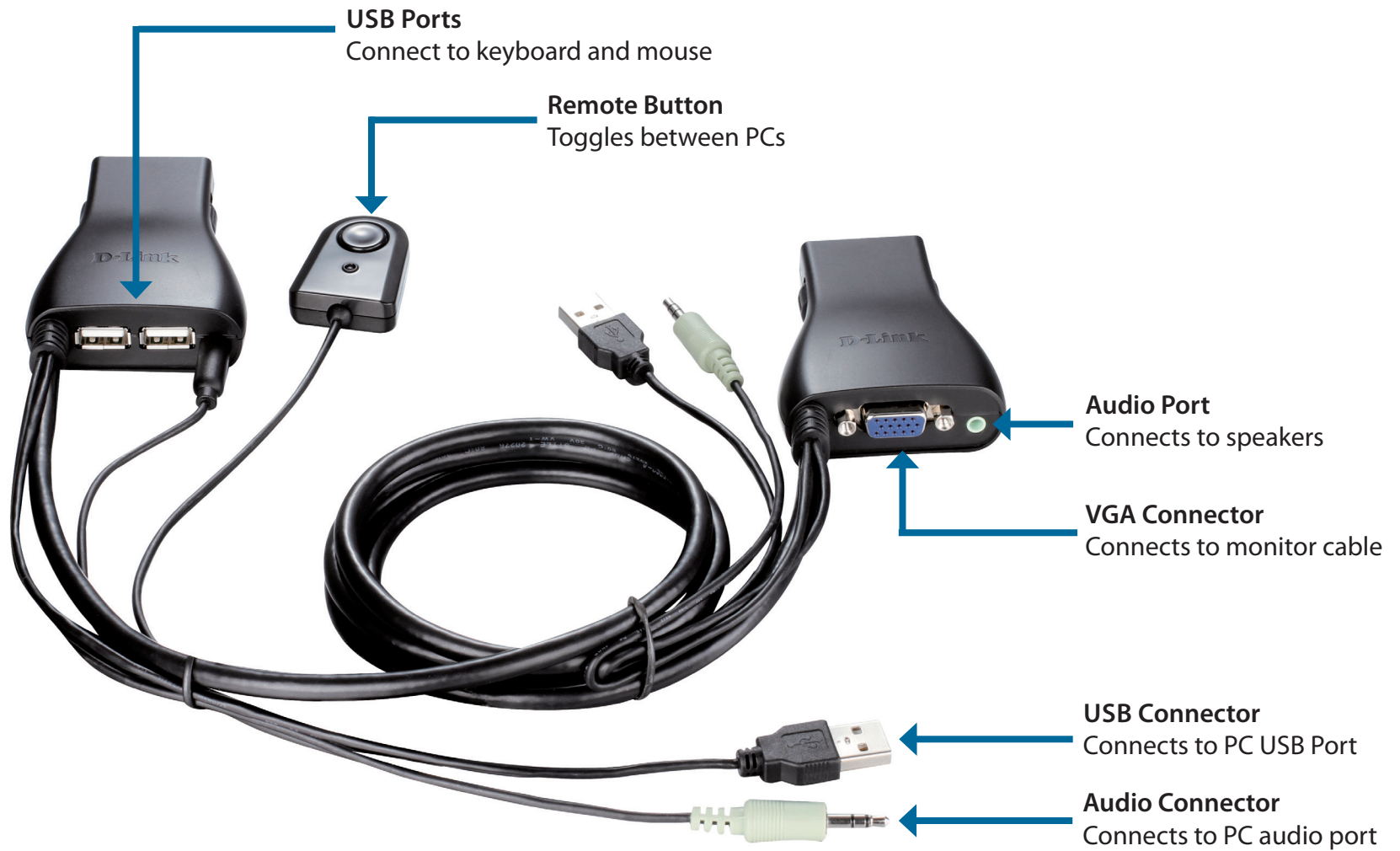
System Requirements

- USB Keyboard
- USB Mouse
- VGA Monitor
- Speakers (optional)
- Two Computers with available USB Ports
- Windows® 7, Windows Vista®, Windows® XP (SP 2 or higher), Windows® 2000, and Mac OS (10.3 and above)

Features

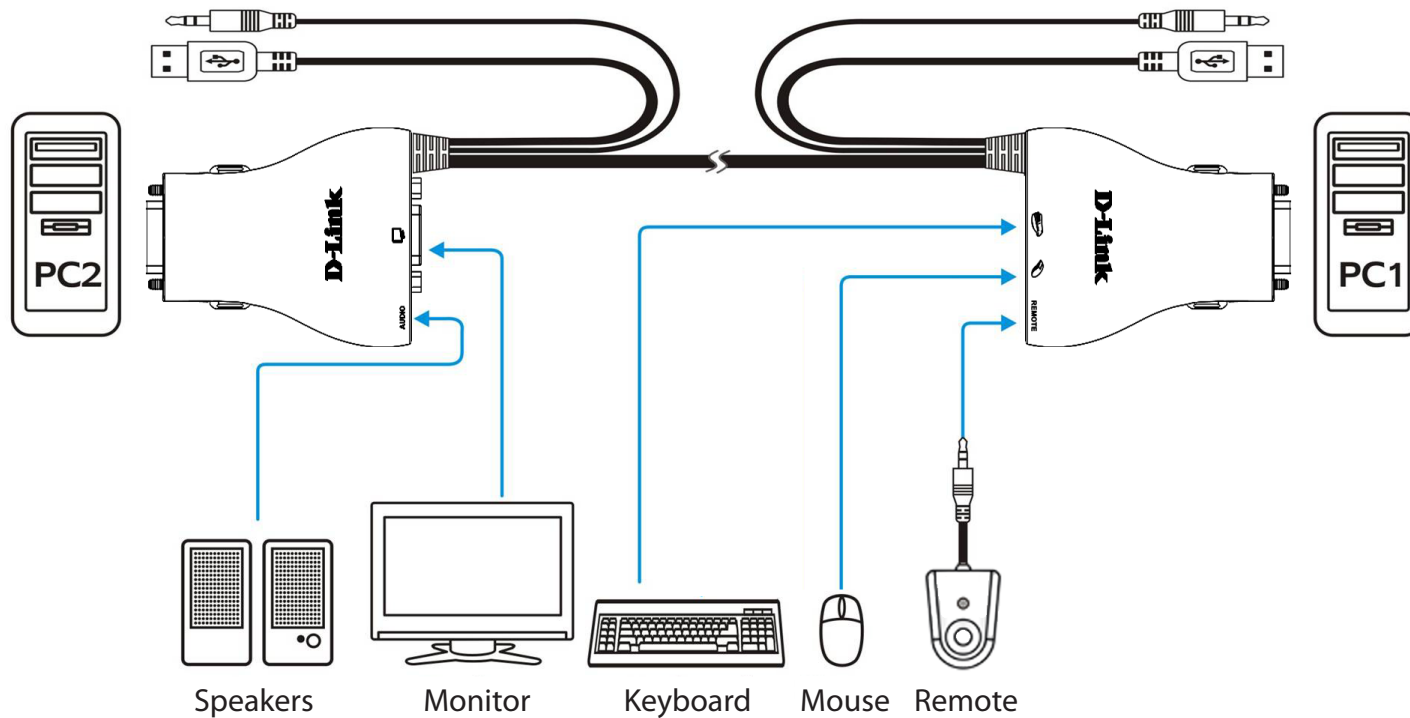
- Control two computers with one monitor, USB keyboard and USB mouse
- Switch audio between two computers
- Supports DDC, DDC2, and DDC2B
- Compact and portable design
- Remote switch toggles between PCs
- Supports up to 2048 x 1536 monitor resolution
- Compatible with VGA, SVGA and MultiSync monitors

Product Overview



Hardware Installation

Please follow the diagram below to connect the KVM switch to your workstation computers. Speakers are optional.

**Note:**

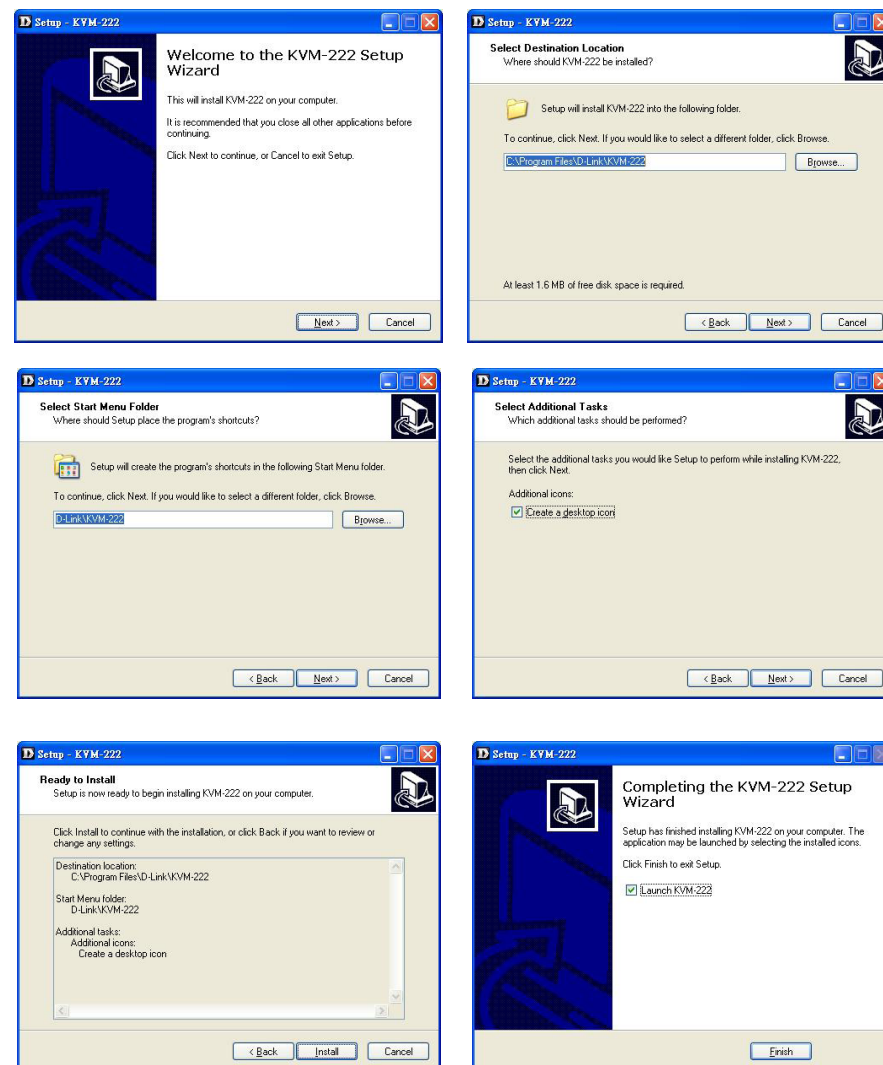
This KVM Switch will not detect whether a computer is on or off if the "Power On" function is set in the BIOS. If you switch to a computer that is turned off, nothing will be displayed on the monitor.

Software Installation

Windows®

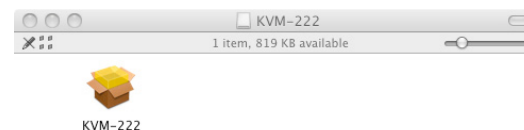
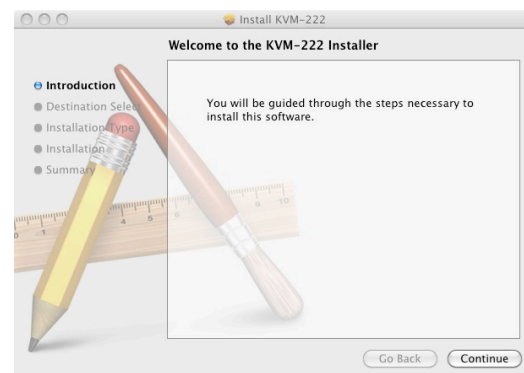
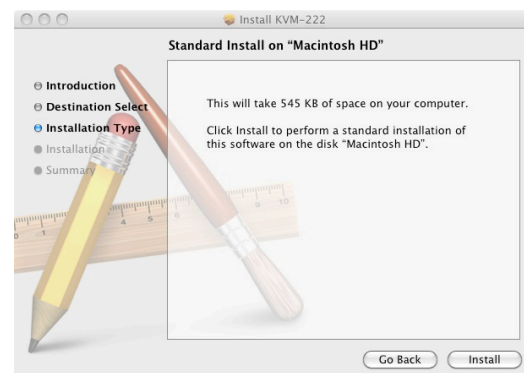
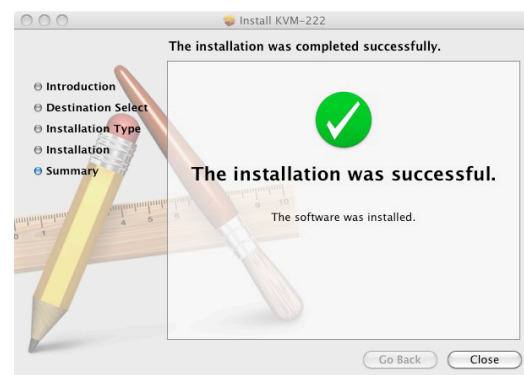
1. Please insert the installation CD-ROM into your computer's CD drive. When the autorun screen appears, click **Install**.
2. When the Setup Wizard appears, click **Next**.
3. Please follow the installation steps on the screen.
4. Click **Finish** to complete the installation and launch the KVM software.
5. When the installation is completed, a D-Link icon will appear in the taskbar area indicating the ready status of the connected computer.

Task bar area: 



Mac

1. Please insert the installation CD-ROM into your computer's CD drive.
2. From a Finder window, click on your CD drive and then open the Utility folder.
3. Double-click **KVM_222.DMG** and then double-click on **KVM-222** package installer to install the software.
4. Please follow the installation steps on the screen.
5. Click **Close** to complete the installation and launch the KVM software.
6. When the installation is completed, a D-Link icon will appear in the doc area indicating the ready status of the connected computer.

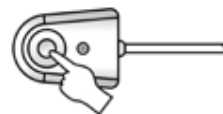


Accessing the KVM

Windows®

Remote Switching

Push the remote button to switch between computers.
The green and orange LEDs indicate the selected PC.



Hot key Switching

Press the **Scroll Lock** key two times to switch between PCs, including audio.
Press the **Caps Lock** key two times to switch between PCs but maintain the audio feed of the original computer.

Software Switching

- Left-click on the D-Link icon to switch between PCs.
- You may also use a specified keyboard hotkey to switch between PCs. See the instructions below.

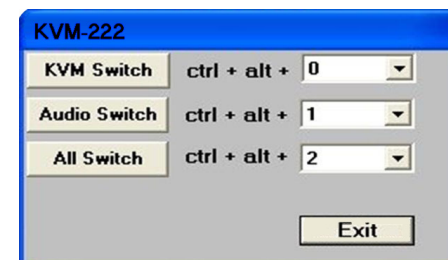
Software Settings

Right-click on the D-Link icon and select **Setting**.



The following options are available:

- KVM Switch:** This hotkey will switch between PCs but maintain the audio feed of the original computer.
- Audio Switch:** This hotkey will switch the audio to the other PC, but maintain control of the original computer.
- All Switch:** This hotkey will switch between PCs, including audio.

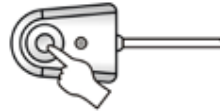


You may choose a number for each hotkey. Please choose different numbers for each setting.

Mac

Remote Switching

Push the remote button to switch between computers.
The green and orange LEDs indicate the selected PC.



Software Switching

- Click on the D-Link icon to switch between PCs.
- You may also use a specified keyboard hotkey to switch between PCs. See the instructions below.

Software Settings

Click and hold on the D-Link icon located in the doc area for 3 seconds and select **Setting**.



The following options are available:

- KVM Switch:** This hotkey will switch between PCs but maintain the audio feed of the original computer.
- Audio Switch:** This hotkey will switch the audio to the other PC, but maintain control of the original computer.
- All Switch:** This hotkey will switch between PCs, including audio.

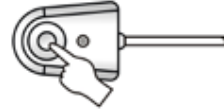


You may choose a number for each hotkey. Please choose different numbers for each setting.

Linux

Remote Switching

Push the remote button to switch between computers.
The green and orange LEDs indicate the selected PC.



Troubleshooting

When turning the computer on, the keyboard/mouse is not detected, or a keyboard/mouse error message is displayed.

- Make sure that the keyboard/mouse is properly connected to the KVM-222. Check that the keyboard cable is securely plugged into the correct USB keyboard port and not the USB mouse port. Check that the USB mouse cable is plugged into the correct USB mouse port and not the USB keyboard port.
- Verify that the keyboard/mouse works when plugged into the computer directly.
- If the computer's BIOS does not support USB boot-up, the system may be unable to detect the mouse and keyboard during startup. Please ensure that your PC BIOS supports USB boot-up, and upgrade your PC's firmware if necessary.
- Try using a different USB keyboard/mouse

The computer's BIOS is correctly configured but the computer is still unable to detect the mouse and keyboard.

- Be sure to directly connect the USB KVM switch to USB port on the PC's motherboard rather than through a port on a PCI card, Card Bus, or USB Hub.

If the image on your monitor is not clear.

- Verify that all video monitor cables are inserted properly.
- Try lowering the resolution and refresh rate of your monitor.
- Try using a shorter video cable.

If your audio is not functioning properly.

- Make sure that the speakers are properly connected to the KVM-222.
- Verify that the speaker works when plugged directly into the computer.
- Try using a different set of speakers.

When switching to PC2, the computer still displays PC1.

- The KVM switch may not function correctly while a computer is powered off or still booting up. Ensure that the second PC is powered on and use the hot key or remote button to switch between computers.

How do I set a hot key in Mac 10.6?

- Press CTRL + click or right-click on the D-Link icon in the doc area and click on **Setting** to open the settings menu to set a hotkey.

Technical Specifications

Console Connectors

- Keyboard: 1 x USB female
- Mouse: 1 x USB female
- Monitor: 1 x HDB-15 female VGA, SVGA, XGA, MultiSync
- Audio: 1 x 3.5mm Mini Stereo Jack Female
- Remote: 1 x 2.5 mm 4 Pin Phone Jack (Female)

Computer Connectors (PC1 & PC2)

- Keyboard/Mouse: USB Type A Male
- Monitor: HDB - 15 Male
- Audio: 3.5 mm Mini Stereo Jack Male (green)

Cable Length

- KVM Cable - 1.8M

Switching Control

- Remote Button
- Hot key commands
- Software Selection

Monitor Resolution

- Up to 2048 X 1536

LEDs

- Status

Power

- Bus Powered (No External Power Adapter Required)

Software Requirements

- Windows® 2000 / XP (SP2 or higher) / Vista® / 7
- Mac OS (10.3 and higher)

Operating Temperature

- 32°F TO 122°F (0°C TO 50°C)

Operating Humidity

- 80% Maximum (Non-condensing)

Certifications

- FCC
- CE

Contacting Technical Support

For technical support, documentation and warranty information, visit dlink-mea.com. Please have the model number (KVM-222) and the hardware version from the label on the bottom of the device ready.