DATA SHEET

KV6222DP, KV6224DP

DUAL-MONITOR DP 1.2 USB 3 KVM SWITCH

24/7 TECHNICAL SUPPORT AT 877.877.2269 OR VISIT BLACKBOX.COM





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INTRODUCTION

The KV6222DP/KV6224DP 2-Port/4-Port Dual-Monitor Display-Port 1.2 USB 3.0 (5 Gbps data transfer rates), Audio KVM Switch is designed specifically for sharing two 4K monitors between two/four multimedia computers with dual-monitor DisplayPort enabled displays. It is the perfect integration solution for dual monitor DisplayPort enabled workstations.

With KV6222DP/KV6224DP, you can fully control two or four dual-monitor PCs using only one keyboard, mouse and two 4K monitors; essential for saving valuable desktop space.

These dual-monitor DisplayPort 1.2 KVM switches support two monitors at 3840 x 2160/4K 60 Hz resolution for maximum convenience in adapting to your display requirements.

True Transparent USB Emulation Technology allows complete versatility in dealing with the advanced functional requirements of today's keyboards and mice. From gaming mice/keyboards to advanced business mice/keyboards, users will appreciate what this technology can do for them.

Share all your USB peripheral devices with ease using the separate built-in 2-port USB 3.0 hub (5 Gbps data transfer rates) between each connected computer. The USB hub automatically switches the connected USB peripheral to the selected computer, saving you the cost of adding additional peripherals.

Independent audio switching lets users freeze audio while simultaneously working on a different system. With 3.5-mm stereo audio input for each channel, two-way audio support for speakers and microphone is available; perfect for sound design or editing applications. Two models are available:

- 2-Port Dual-Monitor DP 1.2 USB 3 KVM Switch (KV6222DP)
- 4-Port Dual-Monitor DP 1.2 USB 3 KVM Switch (KV6224DP)

FEATURES

- 2- OR 4-PORT DUAL MONITOR DISPLAYPORT 1.2 USB 3.0 KVM SWITCH WITH AUDIO AND MICROPHONE SWITCHING
- (2) ADDITIONAL USB 3.0 HUB PORTS (5 GBPS DATA TRANSFER RATES)
 FOR SHARING HIGH-SPEED USB DEVICES
- TRUE TRANSPARENT USB (TTU) EMULATION TECHNOLOGY FULL DRIVER SUPPORTS ADVANCED USB KEYBOARDS AND MICE
- USB 3.0/USB 2.0/USB 1.1 SPECIFICATION COMPLIANT (UP TO 5 GBPS DATA TRANSFER RATES)
- SUPPORT DIGITAL VIDEO RESOLUTION UP TO 3840 X 2160 @ 60 HZ (DUAL MONITORS)
- INDEPENDENT/SIMULTANEOUS PC/HUB/AUDIO AND MIC PORT SELECTION
- MULTI-PLATFORM SUPPORT FOR WINDOWS® XP/7/8/10, LINUX®, AND MAC® OS
- SWITCHING BY FRONT-PANEL PUSH BUTTONS AND KEYBOARD HOTKEYS
- TWO-CHANNEL STEREO AUDIO
- LOW POWER CONSUMPTION
- FIRMWARE UPGRADABLE VIA USB PORT
- TAA COMPLIANT



PHOTOS/WHAT'S INCLUDED

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FRONT VIEW BACK VIEW FRONT VIEW BACK VIEW









KV6222DP KV6222DP

KV6224DP KV6224DP

WHAT'S INCLUDED WITH THE KV6222DP

- (1) KV6222DP SWITCH
- (1) 12-VDC POWER ADAPTER

WHAT'S INCLUDED WITH THE KV6224DP

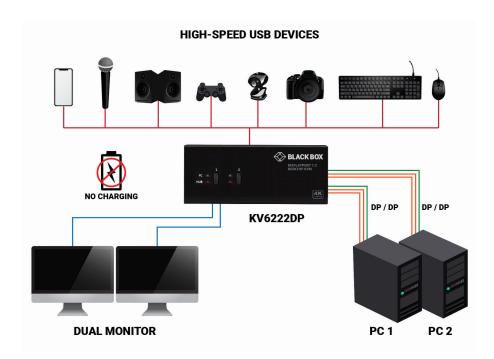
- (1) KV6224DP SWITCH
- (1) 12-VDC POWER ADAPTER

SPECIFICATIONS

DUAL-MONITOR DP 1.2 USB 3 KVM SWITCH (KV6222DP, KV6224DP) DATA SHEET

SPECIFICATIONS FOR DUAL-MONIT	OR DP 1.2 USB 3 KVM SWITCHES (KV6222DP, KV622	4DP)	
SPECIFICATION	KV6222DP	KV6224DP	
NUMBER OF PORTS	(2)	(4)	
NUMBER OF CONSOLES	(2)	(2)	
PC KEYBOARD/MOUSE CONNECTORS	(2) USB Type B female	(4) USB Type B female	
PC VIDEO CONNECTORS	(4) DisplayPort 1.2 female	(8) DisplayPort 1.2 female	
PC AUDIO/MIC	(4) 3.5-mm audio/mic Jack female	(8) 3.5-mm audio/mic jack female	
CONSOLE KEYBOARD CONNECTOR	(1) USB Type A female	(1) USB Type A female	
CONSOLE MOUSE CONNECTOR	(1) USB Type A female	(1) USB Type A female	
CONSOLE MONITOR CONNECTOR	(2) DisplayPort 1.2 female	(2) DisplayPort 1.2 female	
USB HUB PORTS	(2) USB 3.0 Type A female (up to 5 Gbps data transfer rates)	(2) USB 3.0 Type A female (up to 5 Gbps data transfer rates)	
PC SELECTION	Pushbuttons/Hotkeys	Pushbuttons/Hotkeys	
BEEPER	Yes	Yes	
PC PORT LEDS	2 (Green)	4 (Green)	
HUB PORT LEDS	2 (Red)	4 (Red)	
DIGITAL DISPLAY RESOLUTION	3840 x 2180 @ 60 Hz	3840 x 2180 @ 60 Hz	
KEYBOARD AND MOUSE EMULATION	Yes (TTU)	Yes (TTU)	
AUTOSCAN DELAY TIME	10 to 60 sec.	10 to 60 sec.	
POWER ADAPTER	12 VDC, 3 A	12 VDC, 3 A	
WEIGHT	1.6 lb. (0.75 kg)	2.6 lb. (1.2 kg)	
DIMENSIONS	2.6" H x 3.9" W x 6.4" D (6.6 x 10.0 x 16.3 cm)	2.6" H x 3.9" W x 9.9" D (6.6 x 10.0 x 25.3 cm)	
SAFETY/EMISSIONS	FCC, CE	FCC, CE	

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ORDERING INFORMATION

ITEM	CODE		
Dual-Monitor DP 1.2 USB 3 KVM Switch			
2-Port	KV6222DP		
4-Port	KV6224DP		
Cables			
DisplayPort 1.2 Video Cable	VCB-DP2-0003-MM		
USB 3.0 Cable - Type A Male To Type B Male, Black, 6-ft. (1.8-m)	USB30-0006-MM		
Stereo Audio Cable - 3.5-mm, Male/Male, 10-ft. (3.0-m)	EJ110-0010		

DISCLAIMER

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ABOUT BLACK BOX

Black Box is a world leading technology solutions provider specializing in complete high-performance KVM, professional A/V signal distribution and extension and switching solutions for mission-critical applications. Black Box is dedicated to delivering superior project engineering, technical support, and 24/7 customer service you can rely on for your most critical operations.

Every day, our customers trust us to design, integrate, and maintain reliable control room solutions for broadcasting, post-production, stadiums & arenas, medical, air traffic control, oil & gas, government & military, and utility industries. Leave the tech to us and our comprehensive technology solutions will deliver secure connections, fast-response times, real-time collaboration and more.

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