

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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OVERVIEW

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

INTRODUCTION

The KV6222DP/KV6224DP 2-Port/4-Port Dual-Monitor DisplayPort 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



KV6222DP

BACK VIEW



KV6222DP

FRONT VIEW



KV6224DP

BACK VIEW



KV6224DP

WHAT'S INCLUDED WITH THE KV6222DP

- (1) SWITCH
- (1) 12V POWER SUPPLY WITH US, UK, EU, AND AU ADAPTERS

WHAT'S INCLUDED WITH THE KV6224DP

- (1) SWITCH
- (1) 12V POWER SUPPLY WITH US, UK, EU, AND AU ADAPTERS

SPECIFICATIONS

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SPECIFICATIONS FOR DUAL-MONITOR DP 1.2 USB 3 KVM SWITCHES (KV6222DP, KV6224DP)

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

APPLICATION DIAGRAM

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