

QUICK START GUIDE

KV6202A, KV6204A

DP KVM SWITCHES

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

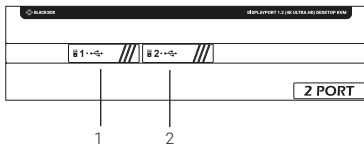


STEP 1A - Front and Back Panel Overview

KV6202A FRONT AND BACK PANELS

The diagrams below show the front and back panels of the KV6202A. The table on the next page describes its components.

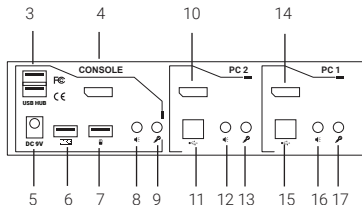
KV6202A Front Panel



KV6204A FRONT AND BACK PANELS

The KV6204A switch looks similar to the KV6202A except that it has four PC connections (PC1, PC2, PC3, PC4) instead of two.

KV6202A Back Panel



NOTE: Only the 2-port model is shown above and in the table on the next page. The 4-port model looks similar, but has 4 ports instead of 2.



STEP 1B - Front and Back Panel Components

TABLE 1. KV6202A COMPONENTS

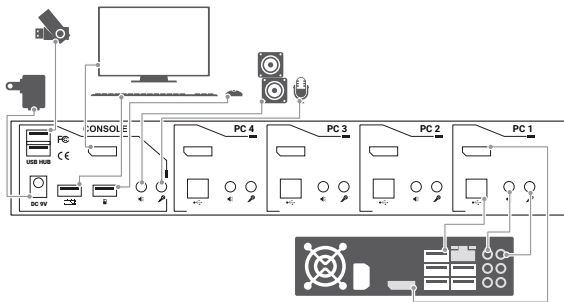
NUMBER IN DIAGRAM	COMPONENT	DESCRIPTION
1, 2	Port Select button	Selects the port you want to switch
3	(2) USB Type A connectors	Link to USB devices
4	DisplayPort connector	Links to console
5	Power connector	Links to 9-VDC power supply
6	USB Type A connector	Links to keyboard
7	USB Type A connector	Links to mouse
8	Audio jack	Links to console speakers
9	Audio jack	Links to console microphone
10	DisplayPort connector	Links to PC2 DisplayPort
11	USB Type B connector	Links to PC2
12	Audio jack	Links to PC2 speakers
13	Audio jack	Links to PC2 microphone
14	DisplayPort connector	Links to PC1 DisplayPort
15	USB Type B connector	Links to PC1
16	Audio jack	Links to PC1 speakers
17	Audio jack	Links to PC1 microphone



STEP 2 - Connection Diagram

EXAMPLE CONNECTION DIAGRAM

The diagram illustrated here is an example of KV6204A. The actual application may vary. All illustrated computer, accessories and monitors are not included in the package; they are for reference only.



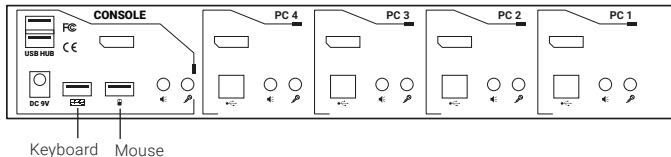
STEP 3 - Installation Steps

STEP-BY-STEP INSTALLATION

1. Power up your KVM switch by connecting the external power adapter to it.
2. Connect the shared USB keyboard, mouse, a DisplayPort monitor, speaker/headphone and microphone to the console ports in the console section of the switch.

NOTE: The lower two USB ports are for keyboard and mouse.

3. Connect each KVM PC port to computers, using two or four DisplayPort cables (male to male), one USB cable (Type A to Type B) and one audio and microphone combo cable (male to male).
4. Connect each of your USB device to the USB hub ports on the left.



STEP 4A - Front-Panel Pushbuttons

FRONT-PANEL PUSHBUTTONS

Front-panel buttons allow you to directly control the KVM switching operation. Simply press the button to toggle to the selected PC port (together with hub port control and/or audio/mic port, if binding is enabled).

By default, PC port switching, hub port control and audio/ mic port switching are bound together, unless you specify the audio to be fixed to a specific port.

TABLE 2. FRONT-PANEL PUSHBUTTONS FUNCTIONS

COMMAND	PUSHBUTTON	DESCRIPTION
Select PC port	Press the corresponding button to select the active PC port	Select the active PC port. (Jointly select PC port/hub port control/audio mic, if binding is enabled.)
Select Hub Port control	Press the button to toggle the specific PC + USB hub port control. (It works only if PC port/hub port control binding is enabled.)	Select the PC port that controls all USB hub ports. (Jointly select PC & hub port control, if PC/hub port control binding is enabled.)
Define Hotkey Preceding Sequence	Press and hold down the last button (Button 2/Button 4) until you hear two beeps, release the button, then press the (y) key.	Select the hotkey preceding sequence among 5 alternative keys.



STEP 4B - Keyboard Hotkeys

KEYBOARD HOTKEYS

Front-panel A keyboard hotkey sequence consists of at least three specific keystrokes. See the Quick Reference Guide in Step 4C.

Hotkey sequence = [ScrLk]* + [ScrLk] * + Command key(s)

* User-definable = SCROLL LOCK, CAPS, ESC, F12 or NUM LOCK

Hotkey preceding sequence configuration: For users who want to use a preceding sequence other than two consecutive Scroll Locks, there is also one convenient way to configure it.

1. Press ScrollLock + ScrollLock + H, then two beeps will signal readiness for new preceding sequence selection [or Press and hold down the last front-panel button (Button 2 or Button 4) until you hear two beeps, then release the button.]

2. Select and press the key you would like to use as your preceding sequence (SCROLL LOCK, CAPS, ESC, F12 or NUM LOCK keys are available for selection) and you'll hear a beep for selection confirmation. Now you can use the new preceding sequence to execute your hotkey commands.

NOTE: Each keystroke within a hotkey sequence should be pressed within 2 seconds. Otherwise, the hotkey sequence will not be validated.



STEP 4C - Keyboard Hotkeys Quick Reference

TABLE 3. HOTKEY COMMANDS

COMMAND	HOTKEY SEQUENCE	DESCRIPTION
Select PC port	ScrLk + ScrLk + (x) x = 1-2/1-4 for PC port number	Select the active PC port. (Jointly select PC port/hub port control/audio mic, if binding is enabled.)
Select Hub Port control	ScrLk + ScrLk + (Fx) Fx = 1-2/1-4 for hub port number	Select the PC port that controls all USB hub ports. (Jointly select PC & hub port control, if PC/hub port control binding is enabled.)
Define Hotkey Preceding Sequence	ScrLk + ScrLk + H + (y) y = SCROLL LOCK, CAPS, ESC, F12, or NUM LOCK	Select the hotkey preceding sequence among 5 alternative keys.
Select Audio & Mic Control	ScrLk + ScrLk + (Fy) Fy = F5-F6/F5-F8 (Fy is a function key) y = 5-6/5-8 for audio & mic port number	Select the active audio & mic port (Jointly select PC & audio & mic port, if binding is enabled.)
Bind PC and Hub Port Control Switching	ScrLk + ScrLk + Z	Enable the binding of PC port and hub port control switching. (Once this feature is enabled, any PC and/or hub port control switching is bound together. Factory default.)
Unbind PC and Hub Port Control Switching	ScrLk + ScrLk + X	Disable the binding of PC port and hub port control switching.
Bind PC and Audio & Mic Switching	ScrLk + ScrLk + Q	Enable the binding of PC port and audio & mic switching. (Once this feature is enabled, any PC and/or audio & mic switching is bound together. Factory default.)



STEP 4C - Keyboard Hotkeys Quick Reference

TABLE 3 (CONTINUED). HOTKEY COMMANDS

COMMAND	HOTKEY SEQUENCE	DESCRIPTION
Unbind PC and Audio & Mic Switching	ScrLk + ScrLk + W	Disable the binding of PC port and audio & mic switching
Previous PC port	ScrLk + ScrLk + arrow up	Select the previous connected PC port. (Jointly select PC/hub port control, if binding is enabled.)
Next PC port	ScrLk + ScrLk + arrow down	Select the next connected PC port. (Jointly select PC/hub port control, if binding is enabled.)
Previous/Current PC port	ScrLk + ScrLk + backspace	Toggle between the previous port and current port.
Beep Sound On/Off	ScrLk + ScrLk + B	Toggle on/off the beep sound while autoscanning.
Autoscan	ScrLk + ScrLk + S	Autoscan through every connected port for quick screen browsing of each port (scan delay = 5 sec.)
Autoscan with Programmable Delay Time	ScrLk + ScrLk + S + (z) z = 0–9 1 10°, 2 20°, 3 30°, 4 40°, 5 50°, 6 60°, 7 70°, 8 80°, 9 90° 10 100°	Autoscan with a user-defined delay time within a range of 10–100 seconds
Stop Autoscan	Press any button	Terminate Autoscan activity



STEP 4D - Hotkey Commands Notes

NOTES

1. The USB keyboard hotkeys allow you a faster and broader control for your KVM switching operation in addition to the front-panel button. If you have configured a hotkey preceding sequence other than two consecutive scroll locks, here you should change your hotkey sequence accordingly. (For preceding sequence key configuration, refer to the Switching Commands table.)
2. When the binding of PC & USB hub port control switching is enabled by the hotkey sequence: ScrLk + ScrLk + Z, any PC and hub port control switching are bound together. To remove this binding, use the hotkey sequence: ScrLk + ScrLk + X.
3. When the binding of PC and audio & mic switching is enabled by the hotkey sequence: ScrLk + ScrLk + Q, any PC and audio & mic switching are bound together. To remove this binding, use the hotkey sequence: ScrLk + ScrLk + W.



STEP 5 - Download User Manual (Optional)

OPTIONAL: DOWNLOAD USER MANUAL

For product specifications and regulatory information, refer to the User Manual. You can download this document from our web site.

1. Go to www.blackbox.com
2. Enter the part number (KV6202A or KV6204A) in the search box.
3. Click on the product in the "Product Results" page.
4. Click on the "Support" tab on the product page, and select the document you wish to download.



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