



KVM Switch, 2x1 HDMI, HDMI Out, USB, 4Kx2K@60Hz



Quick Installation Guide

DS-12874

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1. INTRODUCTION

The DIGITUS® 2-Port KVM Switch is a high-performance HDMI-KVM switcher. It routes high-definition video (in multiple resolutions up to 4kx2k@60Hz) and audio from any one of the several sources to display units. This HDMI-KVM switcher not only has the key-press-switching function, but also has intelligent function as well as hot pluggable function.

2. FEATURES

- Use a monitor, a mouse and a keyboard to operate two computers.
- USB ports for mouse and keyboard
- Audio connections for microphone/speaker
- Integrated USB hub with 2x USB 3.0 connections for additional peripheral equipment
- Switching between the PCs via switch on the KVM switch, remote control or hot key on the keyboard
- External receiver for signals from remote control included.
- Compatible with HDMI 2.0 / HDCP 2.2 / HDR / FreeSync / 3D
- LED status and functional displays on the front side
- Wall installation possible
- Plug and Play – no driver installation required.
- Support infrared remote-control function
- Support Windows /Linux/Apple Mac OS

3. PACKAGE CONTENTS

- 1x KVM Switch, 2-Port, 4K60Hz, 2x HDMI in, 1x HDMI out
- 1x Power adapter for KVM switch
- 2x USB 3.0 connection cable (USB B to USB A)
- 2x HDMI cable
- 1x Infrared remote control
- 1x Infrared recipient with connection cable
- 2x Mounting bracket for table/ wall installation
- 1x User manual

4. SPECIFICATIONS

Connectors	
Console Connectors	<ul style="list-style-type: none">• USB 2.0-A x2(Back)• HDMI Female x1(Back)• 3.5mm Stereo Jack (Green, 1 Front, 1 Back) x2• 3.5mm Stereo Jack (Pink, 1 Front, 1 Back) x2
KVM Connectors	<ul style="list-style-type: none">• USB 3.0-B x2(Back)• HDMI Female x2(Back)• 3.5mm Stereo Jack (Green, Back) x2• 3.5mm Stereo Jack (Pink, Back) x2
USB HUB Connectors	USB 3.0-A x2(Front)
Resolution	
Max Resolution	3840x2160@60Hz, 4096x2160@60Hz
Operating Frequency	
HDMI Bandwidth	18G
Mechanical	
Material	Metal
Size (L-W-H)	178x75x26mm
Weight (Net)	366.3g
Environmental	
Operating Temperature	0°C to 45°C
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10°C to +80°C
Storage Humidity	5% to 90 % RH (no condensation)
Power Requirement	
External Power Supply	DC 5V




Power Consumption (Max)	12W
ESD Protection	
Human Body Model	±8kV (air-gap discharge) & ± 4kV (contact discharge)

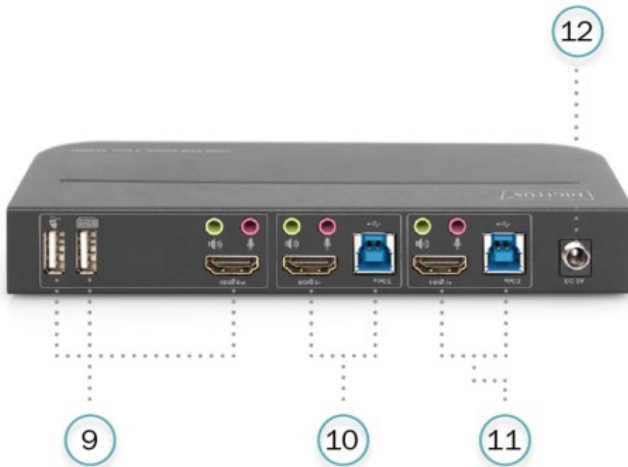
5. PANEL DESCRIPTION







Front Panel

- 1) Power Button: Press to turn on/off the unit.
- 2) Power Indicator: The LED will light up once the DC/5V is provided and the unit is turned on.
- 3) Input Selection: When PC1/PC2 is selected, the corresponding “Select” lights up to indicate input selection (“Select” LEDs flash in a loop under automatic switching mode). “Online” LED lights up when the corresponding USB-B port is connected.
- 4) IR EXT: Connect IR Extender to this port for IR signal reception from the remote control.
- 5) IR: For IR signal reception from the remote control.

- 6) : 3.5mm MIC input port.
- 7) : 3.5mm stereo output port.
- 8) : USB 3.0 ports, mainly used for connecting to printers, scanners, U-disk, etc.



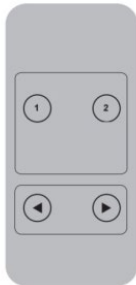
Back Panel

- 9) Output ports:
 Connect  to a mouse or a keyboard.
 Connect  to a keyboard or a mouse.
 Connect  to an amplifier.
 Connect  to a MIC.
 Connect "HDMI Out" to HDMI display.
- 10) PC1 input ports:
 Respectively connect to HDMI, USB, MIC, stereo ports of PC1.
- 11) PC2 input ports:
 Respectively connect to HDMI, USB, MIC, stereo ports of PC2.
- 12) DC 5V: Plug the 5V DC power supply into the unit.

6. CONNECTION AND OPERATION

Operation

- 1) Connect PCs to USB-B ports of the unit with USB cables; Respectively connect MIC and stereo ports of the PCs to those (above the “HDMI In”) of the unit with 3.5mm audio cables; Connect PCs to “HDMI In” ports of the unit with HDMI cables.
- 2) Connect keyboard and mouse to the USB-A ports on the back panel of the unit; Respectively connect microphones and amplifiers to the mic and stereo ports (on the front panel/above “HDMI Out”) of the unit with 3.5mm audio cables; Connect a display to “HDMI Out” of the unit with HDMI cable.
- 3) Power the unit with DC 5V and press the power button, the “Power” indicator lights up. The USB-B ports are connected normally and the “Online” indicators light up. “Select” lights up to indicate the current selected PC.
- 4) Press the buttons on the front panel of the unit to select input, the corresponding “Select” lights up. After selection, the display shows corresponding image, and the selected PC can be controlled by a set of keyboard and mouse.
- 5) Remote control works the same as manual buttons.



1,2: For input selection. 1 specifies PC1 and 2 specifies PC2.

◀, ▶: For loop switching. Order: PC1→PC2
→PC1→....

- 6) For external function, connect printer/scanner/U-disk to the USB-A ports on the front panel of the unit.

Special Function Operation:

- 1) Mouse traversal function:

Place the mouse on the far-right side of the display and continue to slide to the right for 2 seconds, the unit automatically switches to the next port. Switching order is : PC1 →PC2→PC1→...;

2) USB-B detection switching function:

- When the unit detects that a PC is connected to the USB-B port of the unit, the unit immediately switches to this PC and the corresponding “Online” and “Select” indicators light up. (For example: When PC1 is connected already, PC2 is connected to the unit through USB-B port, then the unit immediately switches to PC2.
- When the current selected PC is powered off or the USB cable is dialed out, the unit automatically switches to the next PC with the power on and the USB port connected.

3) Hotkey function (It doesn't work on functional keyboard and only the 2 USB-A ports on the back panel can get access to this function.)

Number	Hotkey Combination	Function Description
1	Scroll Lock++ ¹ Scroll Lock +→or↓	Switch to the next port
2	Scroll Lock++ Scroll Lock +←or↑	Switch to the previous port
3	Scroll Lock++ Scroll Lock +[N ²]	Switch to PC N
4	Scroll Lock++ Scroll Lock +S ³	Automatic switching function (Default: 15 seconds)
5	Scroll Lock++ Scroll Lock +I+[N ⁴]+[Enter]	Set the automatic switching interval (5~999 seconds)
6	Scroll Lock++ Scroll Lock +B+ [0] ⁵	Buzzer off
	Scroll Lock++ Scroll Lock +B+ [1] ⁵	Buzzer on (Default: on)
7	Scroll Lock++ Scroll Lock +F+L+A+S+H+[Enter]	All resume hotkey default mode ⁶

Note

- Hot keys are not case-sensitive.
- Buzzer sounds when switching between PC1 and PC2.

¹ “++” means to press 2 times in rapid succession. For example: “Scroll Lock ++ Scroll Lock + 1” means to press the Scroll Lock button twice in rapid succession and then press number “1” button. The detection between each hotkey code times out for 5 seconds. For example, if the Scroll Lock button is pressed for the first time, and then the Scroll Lock button is pressed after more than 5 seconds, the hotkey combination is invalid.

² “N” here indicates the number of the PC. For example, to switch to PC2, the hotkey combination is “Scroll Lock ++ Scroll Lock + 2”.

³ Turn on this function, then HDMI, MIC and the speaker will enter the automatic switching mode without USB. Press (except the space bar) any key to exit to the port before the automatic switching, press the space bar to stay at the currently switched port. When switching automatically, the “Select” LED flashes at the same time.

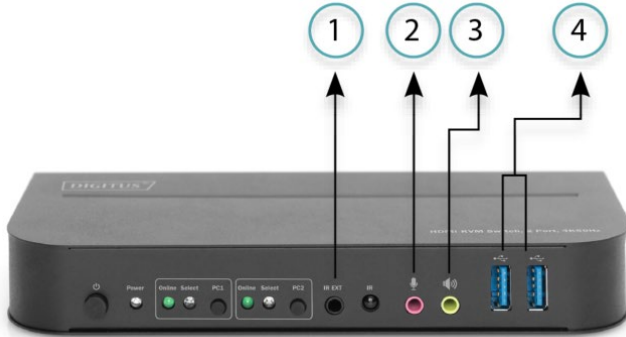
⁴ “N” here indicates the number of switching interval which can be 5(seconds) to 999 (seconds).

⁵ “1” means on, “0” means off.

⁶ This mode only has relation to the hotkey function of Number 4 and Number 6.

7. CONNECTION DIAGRAM

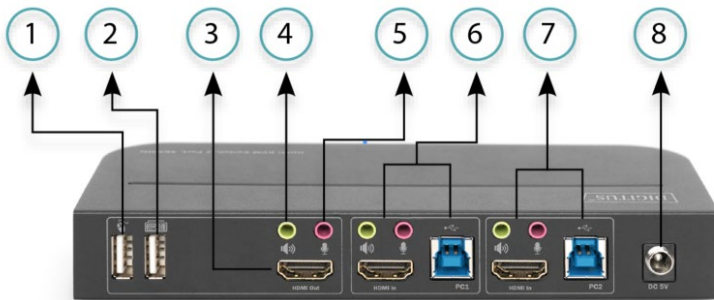
Front Panel



- ①. IR Extender
- ②. Mic

- ③. Amplifier
- ④. USB Devices

Back Panel



- ①. Mouse
- ②. Keyboard
- ③. HDMI Display
- ④. Amplifier

- ⑤. Mic
- ⑥. PC 1
- ⑦. PC 2
- ⑧. Power Supply

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