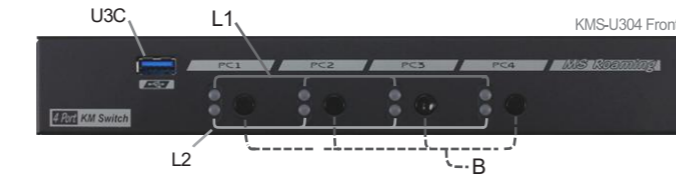


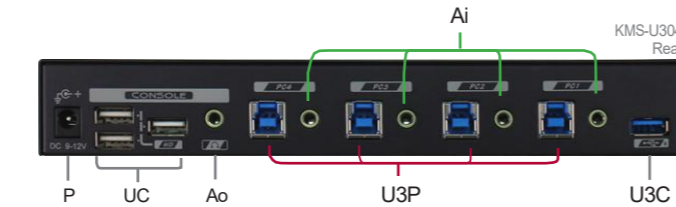
Specifications

Model	KMS-U304	KMS-U204
Computer Port	4	4
Push Button (For Selection)	4	4
Computer Ready LED, (Blue)	4	4
Computer Selected LED, (Red)	4	4
Computer Interface	(USB-B + Audio) x 4	(USB-B + Audio) x 4
Console Interface	USB Share Port USB 3.0 x 1 (Front) USB 3.0 x 1 (Rear) Note: Both Ports bonded to USB Follow or Not Follow Hotkey	USB 2.0 x 2 (Rear) Note: Port 2 will always be USB Follow. Hotkey has no effect.
	USB HID Port (For KB / MS / Touch Screen)	USB HID x 3
	Audio Out	1
Keyboard Hotkey	Yes	Yes
Power Supply	DC 9-12V	DC 9-12V
H x W x D (mm)	34 x 220 x 130	34 x 220 x 100
Weight (g)	820	650

Product Descriptions



L1	Computer On-line LED	Blue: Connected Computer Is Powered-On
L2	Computer Selected LED	Red: Connected Computer Is Selected
B	Select Button	Press to Select Port (Computer)
U3C*	USB 3.0 (Console)	Connect to USB Devices



Ai	Audio Input	Connect to PCs' Audio Output Port
P	Power Supply	Apply Proper Power (DC 9 ~ 12V) to the Unit
UC*	USB HID (Console)	Connect to USB-HID Device
Ao	Audio Output	Connect to Speaker
U3P**	USB 3.0-B (PC)	Connect to PC's USB 3.0 Port (For KMS-U204, connect to PC's USB 2.0 Port)
U3C*	USB 3.0 (Console)	Connect to USB Devices

* Connect the keyboard & mouse only to the USB HID Ports (on the KMS-U204 model, these ports are indicated by a keyboard and mouse logo).

** Speed may be limited if the KMS-U304 model is not connected to a USB 3.0 port on the PC. Check your PC's manual for USB port descriptions.

* The console's USB port type and location depend on the USB switch model. The diagram illustration is based on the KMS-U304 model. **Note:** For KMS-U204, the USB 2.0 Port 1 can be configured USB Follow or Not Follow, while Port 2 will always be USB Follow. The hotkey "Ctrl" + "Ctrl" + "F7" has no effect on Port 2.

Features

- Allows up to 4 computers to share USB peripherals
- Seamless switching among PCs by moving the cursor across screen border and roaming among PCs
- Flexible Preset Screen Layout of **4 x 1**, **2 x 2**, **1 + 3** or **1 x 4**.
- Support keyboard and mouse plug-n-play without drivers
- Multiple Control Methods enable smooth switching
 - Front Panel Push Button Control
 - Mouse Roaming Control
 - Hotkey Control
- Roaming Function supports Windows and Linux; no software required
- Front USB 3.0 Port designed for easy access of USB & audio devices*
- Mouse Absolute Coordinate Technology enables seamless switch among PCs and adapts to all kinds of Mouse Sensitivity (DPI Resolution)
- Allows usage of different versions of Windows simultaneously
- Grants access to full processing power of 4 PCs simultaneously.

* KMS-U304 Only

Package Contents

- 1 x KM Switch
- 1 x Power Adapter
- 1 x User Manual
- 1 x Foot Pad Set

- Use only good quality connection cables to avoid interference.
- Place cables away from fluorescent lights, air conditioners, and machines that are likely to generate electrical noise.

User Manual

4 Port KM Switch With Mouse Roaming



KMS-U204 and KMS-U304 User Manual

Ordering Information

Model	Description
KMS-U304	4 Port USB 3.0 KM Switch with Mouse Roaming Function
KMS-U204	4 Port USB 2.0 KM Switch with Mouse Roaming Function



DSGIO Global Pte Ltd.
3 Lorong Bakar Batu #07-05
Union Industrial Center
Singapore 348741

■ The final specification is based on the actual product.
■ Features and functions may be added or changed after the manual was written. Please visit our website to download the latest version of manual for reference.

RXN-KMS-R01.2



Installation

- Before installation, power off all devices that will be connected to the system.
- Ensure that all connected devices are properly grounded.
- Keep cables away from fluorescent lights, air conditioners, and other machines that may generate electrical noise.

PC BIOS Notice

The following BIOS setup changes are necessary for PC users and not for Mac users: In STANDARD CMOS, set HALT ON ERROR to ALL BUT KEYBOARD. In PNP AND PCI SETUP, set PNP OS INSTALLED to YES and set USB IRQ to ENABLED.

Console Connection

- Plug a USB keyboard and mouse into the USB HID ports (UC) on the console.
- If needed, connect a speaker to the console's speaker port using an audio jack.

Computer Connection

- Use USB A-B cables* to connect the unit's USB ports (B connector - square) to the USB ports on the corresponding computers (A connector - flat).
- If needed, use audio cables to connect the unit's audio input ports (Ai) to the computers' speaker out.
- Apply power to the unit. One of the red LED will light up indicating that the unit is powered up properly.

* USB 3.0 and 2.0 cables are preferred for the KMS-U304 and KMS-U204 models, respectively

Limitations

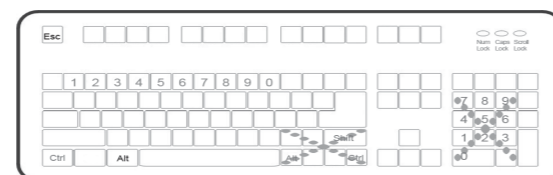
- This unit is compatible with Windows and Linux but may require some tweaking when used with other Operating Systems (requires Absolute Mouse Coordinates support from the OS).
- Roaming mouse functionality for dual monitor computers requires WIN 10 or later. An Absolute Mouse Driver (KM Driver for Multi-Monitor) must be installed.
- Windows audio sampling rate adjustment to 48KHz requires WIN 7 or later.
- It is recommended to use computer USB Port 1 - 4 for USB HID, USB 2.0, or USB 3.0 connections.

Operations

Basic Operation

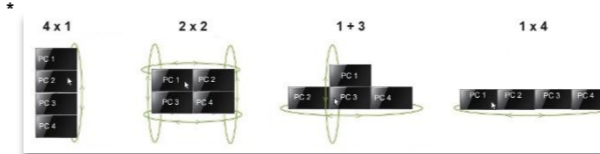
Function	Hotkey	Description
Mouse Roaming Off	"Ctrl" + "Ctrl" + "Alt" (Hold) + "Q" + "0"	Disable Mouse Roaming (Beep Once)
Mouse Roaming On	"Ctrl" + "Ctrl" + "Alt" (Hold) + "Q" + "1" ~ "4"	Refer to Mouse Roaming Setting
Return to Last Selected Port	"Ctrl" + "Ctrl" + "0"	Beep once And Return to Last Selected Port (Channel Return)
Port Switch	"Ctrl" + "Ctrl" + "1" ~ "4"	Switch to Port 1 ~ 4
Audio Follow	"Ctrl" + "Ctrl" + "F5"	Beep Once = Audio Not Follow Beep Twice = Audio Follow (Default)
Select Current Port Audio	"Ctrl" + "Ctrl" + "A"	Set audio only from Current Selected Port. * Audio Follow should be set to Not Follow for the manual audio output control.
USB Follow (Sharing Port)	"Ctrl" + "Ctrl" + "F7"	Beep Once = USB Not Follow Beep Twice = USB Follow * For KMS-U204 , hotkey is only applicable to Port 1. Port 2 will always follow current selected port.
Assign USB Share Port to Selected Port	"Ctrl" + "Ctrl" + "U"	Assign USB Share Port to Current Selected Port (Beep Once). * USB Follow should be set to Not Follow for the manual assignment. Note: For KMS-U204 model, the hotkey has no effect on USB Port 2.

NOTE: **Do Not Use** the Keypad on The **Right** of The Keyboard



Mouse Roaming Setting

Function	Hotkey	Description
Display Alignment Configuration* (Set Mouse Roaming On)	"Ctrl" + "Ctrl" + "Alt" (Hold) + "Q" + "1"	Beep Once = Monitor 4 x 1 (Vertical)
	"Ctrl" + "Ctrl" + "Alt" (Hold) + "Q" + "2"	Beep Once = Monitor 2 x 2
	"Ctrl" + "Ctrl" + "Alt" (Hold) + "Q" + "3"	Beep Once = Monitor 1 + 3
	"Ctrl" + "Ctrl" + "Alt" (Hold) + "Q" + "4"	Beep Once = Monitor 1 x 4 (Horizontal)



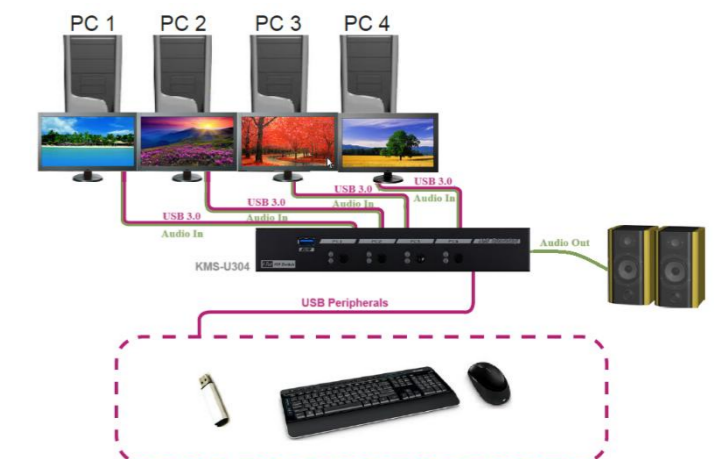
Set Mouse DPI** by ↑ ↓ Keys	"Ctrl" + "Ctrl" + "Alt" (Hold) + ("↑")	Beep Once = -100 DPI (Speed Up)
	"↑" can be pressed again (consecutively) while holding down "Alt"	Lowest at 100 DPI, Beep Twice to Indicate Error While Pressing "↑" at 100 DPI
Mouse DPI Fast Configuration	"Ctrl" + "Ctrl" + "Alt" (Hold) + ("↓")	Beep once = +100 DPI (Speed Down)
	"↓" can be pressed again (consecutively) while holding down "Alt"	Highest at 4800 DPI, Beep Twice to Indicate Error While Pressing "↓" at 4800 DPI (Lowest Speed)
Mouse DPI Configuration	"Ctrl" + "Ctrl" + "Alt" (Hold) + "S"	Beep Once = ABS Speed = Low (2400 DPI)
		Beep Twice = ABS Speed = Mid (800 DPI)
		Beep 3 Times = ABS Speed = High (200 DPI)
Borderless Circulation*** (On / Off)	"Ctrl" + "Ctrl" + "Alt" (Hold) + ("xx")	Beep Once If Succeeded xx=01-48
		01: 100 DPI; 02: 200 DPI; 20: 2000 DPI; 24: 2400 DPI; 48: 4800 DPI (Lowest Speed)
	"Ctrl" + "Ctrl" + "Alt" (Hold) + "R"	Borderless Circulation On (Beep Once)
		Borderless Circulation Off (Default, Beep Twice)

** Higher the DPI, slower the Mouse moves

*** For example: Enable/Disable switching from PC 1 to PC 4 when dual cursor leftward while PC 1 is selected as shown below. Mouse Roaming support for Dual Monitor PC requires WIN 10 and above, and Absolute Mouse Driver for Multi-Monitor to be installed.



Connection Diagram



Limited Warranty

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