

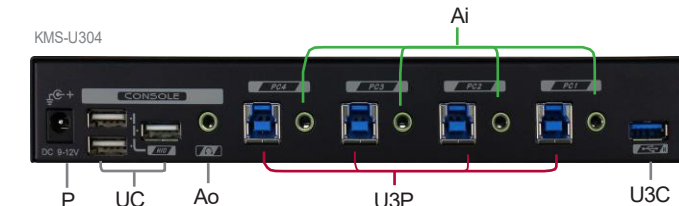
Specification

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 Sharing Port	USB 3.0 x 1 (Front) USB 3.0 x 1 (Rear)	USB 2.0 x 2 (Rear)
	USB HID Port (For KB/MS/ Touch Screen)	USB HID x 3	USB HID x 2
	Audio Out	1	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	

Product Description



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 PC
U3C*	USB 3.0 (Console)	Connect to USB Devices



Ai	Audio Inputs	Connect to PCs' Audio Output Ports
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 a Speaker
U3P**	USB 3.0-B (PC)	Connect to PC's USB Ports
U3C*	USB 3.0 (Console)	Connect to USB Devices

* Connect Keyboard & Mouse only to USB HID Ports
 ** Speed may be limited if not connected to USB 3.0 Ports of PCs for the KMS-U304 Model (for KMS-U204, USB 2.0 Port of the PCs have to be used)
 * USB Combination depends on Model

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; 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

DSG
 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-R01.1



Installation

- Prior to installation, ensure that all devices that will be connected to this system are powered off.
- Ensure that all devices you will connect are properly grounded.
- Place cables away from fluorescent lights, air conditioners, and machines that are likely to 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 a USB mouse into the USB HID ports (UC) on the Console.
- If needed, plug a set of audio jack from the speaker to the Console's speaker port.

Computer Connection

- Use USB A-B Cables* to connect the unit's USB ports (B connector, square connector) and the USB ports on the corresponding computers (A connector, flat connector).
- If needed, use audio cables to connect between the unit (Ai) and the computers.
- When power is applied to the Unit, the green LED will light up indicating that the Unit is powered up properly.

*USB 3.0 & 2.0 Cable Preferred for KMS-U304 & KMS-U204 Respectively

Warning

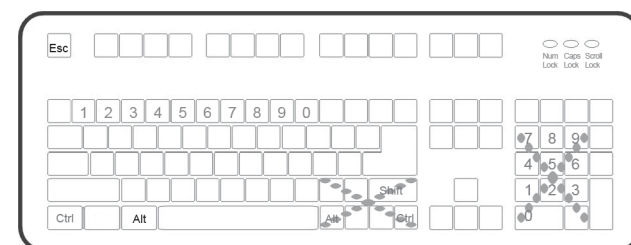
This unit is compatible with Windows and might require some tweaking when used with other Operating Systems. Absolute Mouse Coordinates will be required from the Operating System.

Operation

Basic Operation

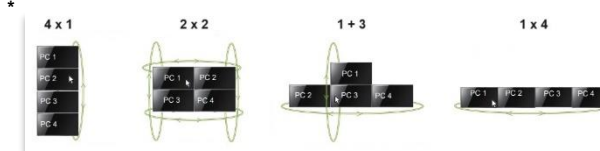
Function	Hotkey	Description
Mouse Roaming Off	"Ctrl" + "Ctrl" + "Alt" (Hold) + "Q" + "0"	Disable Mouse Roaming (Beep Once)
Mouse Roaming On (Default)	"Ctrl" + "Ctrl" + "Alt" (Hold) + "Q" + "1" ~ "4"	Please Refer to Mouse Roaming Setting
Return to Last Selected Port	"Ctrl" + "Ctrl" + "0"	Beep once And 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"	Use Audio Only from Currently Selected Port
USB Share Port Follow	"Ctrl" + "Ctrl" + "F7"	Beep Once = USB Share Port Not Follow Beep Twice = USB Share Port Follow
Appoint USB Sharing Port to Selected Port	"Ctrl" + "Ctrl" + "U"	Appoint USB Sharing Port Only to Currently Selected Port (Beep Once)

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



Mouse Roaming Setting

Function	Hotkey	Description
Display Alignment Configuration* (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, Default)



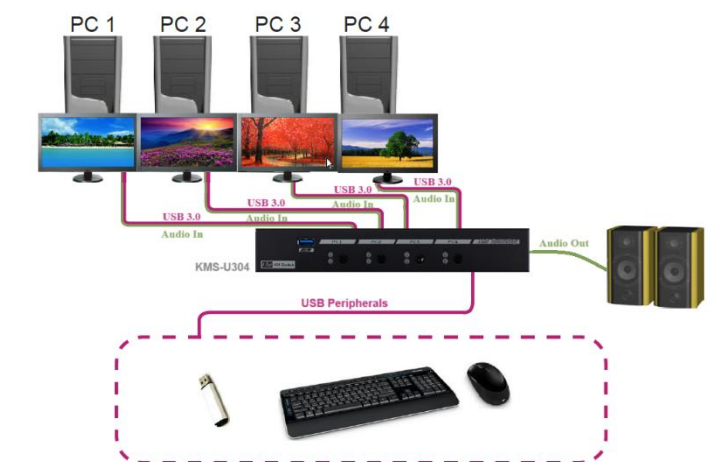
Set Mouse DPI** by ↑↓ Keys	"Ctrl" + "Ctrl" + "Alt" (Hold) + ("↑")	Beep Once = -100 DPI (Speed Up)
	"↑" can be pressed again (consecutively) while holding down "Alt"	Lowest at 100 DPI, Beep Twice to Indicate Error While Pressing ↑ at 100 DPI
Mouse DPI Fast Configuration	"Ctrl" + "Ctrl" + "Alt" (Hold) + ("↓")	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)
	"Ctrl" + "Ctrl" + "Alt" (Hold) + ("xx")	Beep Once If Succeeded xx=01-48
Borderless Circulation*** (On / Off)	"Ctrl" + "Ctrl" + "Alt" (Hold) + "R"	Borderless Circulation On (Beep Once)
		Borderless Circulation Off (Default, Beep Twice)
Mouse Roaming Off	"Ctrl" + "Ctrl" + "Alt" (Hold) + "Q" + "0"	Disable Mouse Roaming (Beep Once)

** Higher the DPI, slower the Mouse moves

***For example : Enable/Disable Switch from PC 1 to PC 4 by moving cursor Leftward while PC 1 is selected as below



Connection Diagram



Limited Warranty

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