

### SUN-31 kit PS/2 to USB Adapter



#### Package Contents

- ◆ Adapter x 1
- ◆ PG x 1



#### Feature

- ◆ Convert PS/2 keyboard and mouse to the USB Interface
- ◆ Convert PS2 KVM switches to USB KVM switches ( refer to table “Windows PS/2 Keyboard and SUN-Micro / MAC Function Key Mapping” )
- ◆ Supports standard PS/2 mouse and Microsoft IntelliMouse
- ◆ Easy to Install
- ◆ Bus power, no external power required
- ◆ Complies to USB 1.0 and 1.1 specification
- ◆ Support UHCI ( Universal Host Controller Interface ) and OHCI ( Open Host Controller Interface ) USB interface

#### Specifications

Connector	1 x USB Type A Connector 1 x Keyboard (purple) and 1 x Mouse (green)
Cable Length	USB end 10 cm (3.9 inch) PS/2 end 10 cm (3.9 inch)
Platform	Windows 98, 98SE, ME, 2000, XP, Vista SUN-Micro Netware, Unix, Linux, MAC OS 8 or greater
Transfer Rate	1.5Mbps
Power	Bus Power (via the USB cable)
Operation Temperature	5 ~ 40 °C
Storage Temperature	-20 ~ 60 °C
Humidity	0~80% RH, Non-Condensing
Dimension ( W x D x H )	22 x 12 x 35 mm
Weight	100 g
Enclosure	Plastic
Safety	FCC & CE certified
Environmental	RoHS2 compliant

#### Hardware Installation

Before installation, please make sure all of peripherals and computer have been turned off.

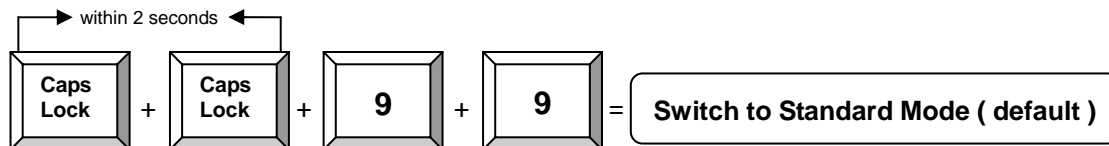
1. Connect a PS/2 mouse to the green connector.
2. Connect a PS/2 keyboard to the purple connector.
3. Plug the USB Type A connector into your computer's USB port.



4. For Windows ME / 2000 / XP / Vista and Mac OS, drivers will install automatically. For Windows 98 / 98SE continue, please insert the CD-ROM of operation system to install the USB driver.

## Hotkey

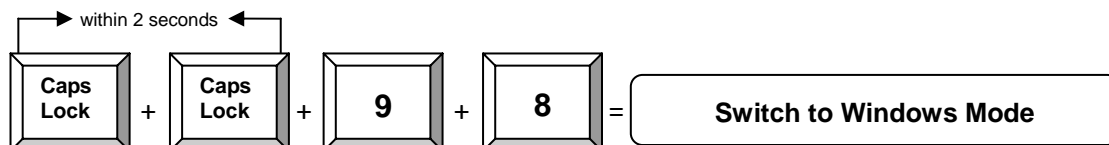
### Standard Mode



For

- ◆ 109-key keyboard support
- ◆ 3-key mouse and wheel function support

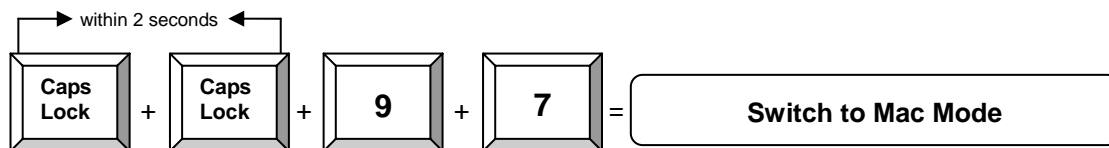
### Windows Mode



For

- ◆ 109-key keyboard support
- ◆ Window Power off / Sleep / Wake up function
- ◆ Window XP multi-media keyboard function
- ◆ 5-key mouse, wheel function, and the 4th & 5th key of Window XP mouse

### Mac Mode

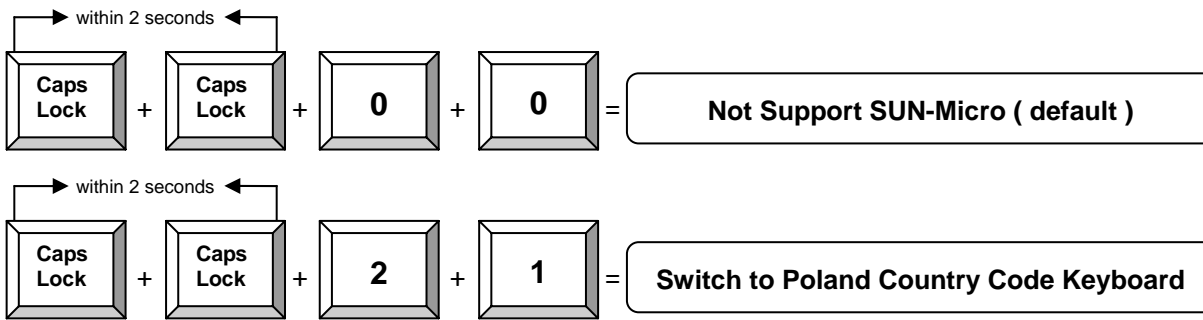


For

- ◆ 109-key keyboard support
- ◆ Volume control / Mute and power-off of G4
- ◆ 3-key mouse




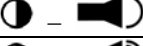
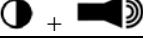



## Country Code for SUN-Micro Keyboard

This PS/2 to USB adapter supports more than 30 country codes. You can use the hotkey to switch the country code for SUN-Micro keyboard. Here are the examples.



Code	Country	Code	Country	Code	Country
00	Not support	12	Hungary	24	Slovakia
01	Arabic	13	International ( ISO )	25	Spanish
02	Belgian	14	Italian	26	Swedish
03	Canadian - Bilingual	15	Japan ( Katakana )	27	Swiss / French
04	Canadian - French	16	Korean	28	Swiss / German
05	Czech Republic	17	Latin American	29	Switzerland
06	Danish	18	Netherlands / Dutch	30	Taiwan
07	Finnish	19	Norwegian	31	Turkish
08	French	20	Persian ( Farsi )	32	UK
09	German	21	Poland	33	US
10	Greek	22	Portuguese	34	Yugoslavia
11	Hebrew	23	Russia	35-255	Reserved

## Windows PS/2 Keyboard and SUN-Micro / MAC Function Key Mapping

SUN-Micro Keyboard	Windows PS/2 Keyboard	MAC OS Keyboard
Stop	Caps Lock & L_Alt	
Props	Caps Lock & L_Ctrl	
Compose	Caps Lock & L_Shift ( Application )	
Front	Caps Lock & F1	
Open	Caps Lock & F2	
Find	Caps Lock & F3	
Again	Caps Lock & F4	
Undo	Caps Lock & F5	
Copy	Caps Lock & F6	
Paste	Caps Lock & F7	
Cut	Caps Lock & F8	
Help	Caps Lock & F11	
Power 	Caps Lock & F12	Power 
Mute 	Caps Lock & 1	
Volume down 	Caps Lock & 2	
Volume up 	Caps Lock & 3	
Sun OS 	Windows Key 	Mac Key 
	Alt	Option
	PrtSc ( Print Screen )	F13
	ScrLk ( Scroll Lock )	F14
	Pause / Break	F15

## Troubleshooting

1. I can't find the driver for SUN-31 kit
  - ◆ The SUN-31 kit does not require a driver; it uses generic USB drivers provided by your O.S.
2. There is an error message "Keyboard or Mouse not found" on the screen.
  - ◆ Attach a mouse to the PS/2 mouse port before you turn on the computer.
  - ◆ Make sure all connectors are well seated.
  - ◆ Make sure your PS/2 mouse is connected to the green connector.
  - ◆ Make sure your PS/2 keyboard is connected to the purple connector.
3. My computer can't work properly.
  - ◆ Try to re-configure set your PC BIOS to enable USB function. For more information of BIOS settings, please refer to your computer's User Manual.
  - ◆ Right-click **My Computer**, click **Properties** → **Hardware** tab → **Device Manager**. Check the device manager and verify that no exclamation points are shown. To view the device manager.

The company reserves the right to modify product specifications without prior notice and assumes no responsibility for any error which may appear in this publication.

All brand names, logo and registered trademarks are properties of their respective owners.

Copyright 2016 Austin Hughes Electronics Ltd. All rights reserved.