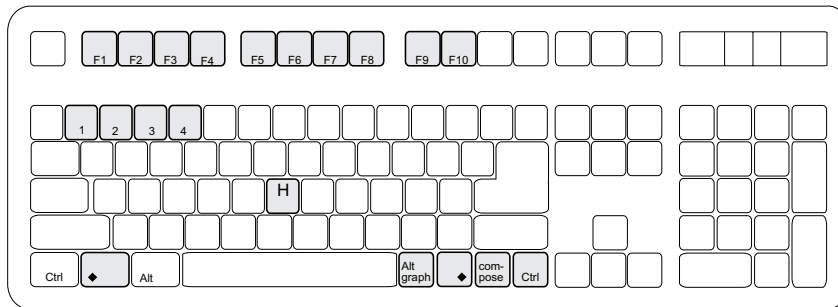


SUN Keyboard



PS/2 104 Key Keyboard Emulation Keys

Win Keyboard	Sun Keyboard
RCtrl F1	Stop
RCtrl F2	Again
RCtrl F3	Props
RCtrl F4	Undo
RCtrl F5	Front
RCtrl F6	Copy
RCtrl F7	Open
RCtrl F8	Paste
RCtrl F9	Find
RCtrl F10	Cut
RCtrl 1	⏪
RCtrl 2	⏪ -
RCtrl 3	⏪ +
RCtrl 4	⏩
RCtrl H	Help
RWIN	Right ⬆
LWIN	Left ⬆
WIN CMD	Compose
RALT	Alt Grapher

The PS/2 104 key keyboard can emulate the functions of the SUN keyboard when the Right Control key (RCtrl) is used in conjunction with the keys highlighted in the diagram at the left. The corresponding functions are shown in the table above.

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(773) 869-1234, www.triplite.com

User's Manual

# Console Converter For SUN



Model #: B011-000

### PREVENTING RADIO & TV INTERFERENCE

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instruction manual, may cause interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: reorient or relocate the receiving antenna; increase the separation between the equipment and receiver; connect the equipment into an outlet on a circuit different from that which the receiver is connected; consult the dealer or an experienced radio/television technician for help. The user must use shielded cables and connectors with this product. Any changes or modifications to this product not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### 1-YEAR LIMITED WARRANTY

TRIPP LITE warrants its products to be free from defects in materials and workmanship for a period of one (1) year from the date of initial purchase. TRIPP LITE's obligation under this warranty is limited to repairing or replacing (at its sole option) any such defective products. To obtain service under this warranty, you must obtain a Returned Material Authorization (RMA) number from TRIPP LITE or an authorized TRIPP LITE service center. Products must be returned to TRIPP LITE or an authorized TRIPP LITE service center with transportation charges prepaid and must be accompanied by a brief description of the problem encountered and proof of date and place of purchase. This warranty does not apply to equipment which has been damaged by accident, negligence or misapplication or has been altered or modified in any way.

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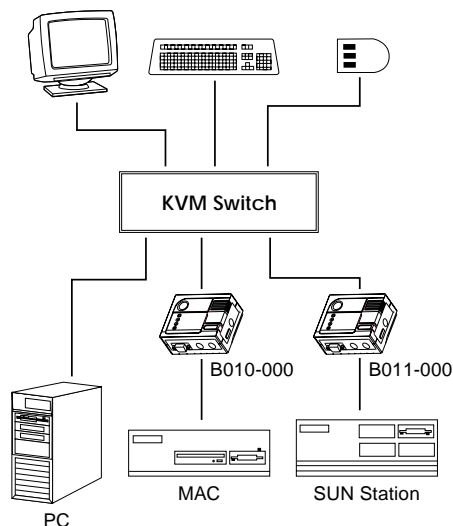
NOTE: Follow these installation and operating procedures to ensure correct performance and to prevent damage to this unit or to its connected devices.

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PAPE-1111-101  
93-1896

## Overview

The B011-000 PS/2 to SUN interface converter allows you to control a SUN workstation from a PS/2 keyboard, PS/2 mouse and PC monitor by translating their signals to SUN keyboard, mouse, and monitor signals. In addition, the B011-000 fully supports Tripp Lite's existing KVM switches, so you can use them to easily integrate SUN workstations into your KVM network.



## Features

- Hot Plug Support for PS/2 Keyboard and Mouse
- DIP Switch Selectable Display Resolution
- DIP Switch Selectable Screen Saver
- DIP Switch Selectable Mouse Speed
- No Power Adapter Necessary

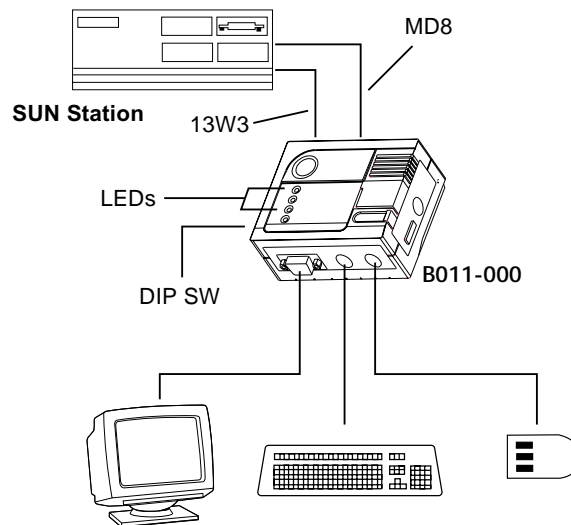
## Installation

1. Plug the cables from your PS/2 keyboard and PS/2 mouse into the mini-DIN 6 pin connectors on the Console side of the B011-000.

**Note:** 1. The mouse used with a SUN workstation is a three button mouse. Use a three button PS/2 mouse to fully emulate its functions.

2. If connecting to a KVM switch, use a PS/2 KVM cable kit to connect the B011-000 to your switch.

2. Plug the cable from your PC monitor into the HD15 connector on the Console side of the B011-000.
3. Use a 13W3 male-to-male cable to connect the SUN workstation's **Video Out** port to the B011-000's **Video In** port.
4. Use an MD8 male-to-male and PIN to PIN cable to connect the SUN workstation's keyboard and mouse port to the B011-000's keyboard and mouse port.



## DIP Switch Settings

Select the video resolution, the amount of idle time before the screen saver comes on, and the mouse speed with the DIP switch as follows:

Video Resolution	SW1	SW2	SW3
1152 x 900 (76Hz)	ON	OFF	OFF
1152 x 900 (76Hz)	ON	ON	OFF
1152 x 900 (66Hz)	OFF	OFF	ON
1280 x 1024 (76Hz)	ON	OFF	ON
1600 x 1280 (76Hz)	OFF	ON	ON

Screen Saver Time Out	SW4	SW5	SW6
5 Minutes	OFF	ON	ON
10 Minutes	OFF	OFF	ON
20 Minutes	OFF	ON	OFF
30 Minutes	OFF	OFF	OFF
Monitor Always ON	ON	X	X

Mouse Speed	SW7
High	ON
Normal	OFF

## LEDs

There are three LEDs to indicate operating status:

- The **ACTIVE** LED indicates that PS/2 keyboard or mouse data is being transmitted.
- The **EXTEND** LED indicates that the Right Control key (RCtrl) is active.
- The **COMPOSE** LED indicates that the Compose key is latched.

## Specifications

Function	Specification	
Power Consumption	50mA (max)	
Connectors	Video In	13W3 Female
	Video Out	HD15 Female
	Sun KB & Mouse	Mini DIN 8 Pin Female
	PS/2 KB	Mini DIN 6 Pin Female
	PS/2 Mouse	Mini DIN 6 Pin Female
LEDs	Active	Green
	Extend	Yellow
	Compose	Yellow
DIP Switch	8 bits	
Operating Temperature	5 ~ 40° C	
Storage Temperature	-20 ~ 60° C	
Humidity	0 ~ 80% (RH)	
Housing	Plastic	
Weight	150g	
Dimensions (L x W x H)	100 x 80 x 36 mm	

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