

Translator KEYBOARD AND MOUSE CONVERTER
Installation and Operation Manual

Revision 1.1
July, 1999

LIMITED WARRANTY

Rose Electronics warrants the Translator™ to be in good working order for one year from the date of purchase from Rose Electronics or an authorized dealer. Should this product fail to be in good working order at any time during this one year warranty period, Rose Electronics will, at its option, repair or replace the Unit as set forth below. Repair parts and replacement units will be either reconditioned or new. All replaced parts become the property of Rose Electronics. This limited warranty does not include service to repair damage to the Unit resulting from accident, disaster, abuse, or unauthorized modification of the Unit, including static discharge and power surges.

Limited Warranty service may be obtained by delivering this unit during the one year warranty period to Rose Electronics or an authorized repair center providing a proof of purchase date. If this Unit is delivered by mail, you agree to insure the Unit or assume the risk of loss or damage in transit, to prepay shipping charges to the warranty service location, and to use the original shipping container or its equivalent. You must call for a return authorization number first. Under no circumstances will a unit be accepted without a return authorization number. Contact an authorized repair center or Rose Electronics for further information.

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FCC WARNING NOTE:

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Apple Key emulation with a 104/105 Windows keyboard

Proper function of the Translator with an Apple CPU requires the use of a 104/105 Windows keyboard. Using a Windows style keyboard with an Apple CPU requires that the user know the following key mappings.

<u>PC Key</u>	<u>Apple Keyboard equivalent</u>
Left ctrl	Left control
Left Windows (start)	Left Apple / cloverleaf
Left alt	Left option
Right alt / alt graph	Left option
Right Windows (start)	Left Apple / cloverleaf
Right Windows (app)	Power key
Right ctrl	Right control

Maintenance and repair

If the LED on the side of the unit is flashing the unit has failed and will need to be serviced.

The unit does not contain any user-serviceable parts inside. Any malfunction of the unit should be reported to a factory-authorized repair center for service. Any discrepancies in the operation of the unit according to this manual should be reported to the Technical Support Department of Rose Electronics.

Specifications

Size	2" wide x 2.5" deep x 0.75" high
Weight	
Environment	0 to 55 C, 0 to 80% non-condensing relative humidity
Connectors	DB 25 Female CPU connector DB 25 Male KVM switch connector
Indicators	Status LED

Features

- ◆ This device provides a simple means for connecting Apple ADB (Apple Device Bus) or Sun computers to Rose KVM (Keyboard-Video-Mouse) switches and extenders that do not have Apple support built in.
- ◆ Depending on which model Translator is being used, converts either ADB or Sun keyboard and mouse data to IBM PS/2 format while routing video inputs.
- ◆ Easily installs between the KVM computer port and the computer KVM cable.
- ◆ Uses power from the KVM switch or CPU cable - no external power required.

Cable Requirements

Use with one of the following Rose cables

- To connect to an Apple computer
CAB-AV0400Cxx (Standard) or CAB-C1AV0400Cxx (Coax)
- To connect to a Sun computer
CAB-SC0800Cxx

where xx is the cable length in feet.

Installation

The male DB25 connector on the converter should be connected to a computer port connector on the KVM switch. The cable coming from the Apple or Sun computer described above should then be connected to the converter. The converter will take its power from the KVM switch or the computer cable and therefore needs no other connections and has no switches. When the unit is powered on and running the LED on the side of the unit will be lit.

PLEASE NOTE:

After installing the Translator converter the KVM switch computer port that the Translator is connected to must be configured to support a PC mode 3 keyboard and a PS/2 mouse. The normal default is PC mode 2 and must be changed for proper operation. See your KVM switch documentation for information on configuring the computer port. The converter itself requires no configuration.

Limitations to using the Sun Translator

There are two limitations to using the Translator with Sun computers. They are as follows:

- There is no keyboard power key support. Once the computer is powered down the Translator is powered off. To turn the CPU, it is necessary to press the power switch on the computer.
- There is no foreign keyboard support. The Sun computer will map the keys of the keyboard connected to the switch as if it were a US keyboard.

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