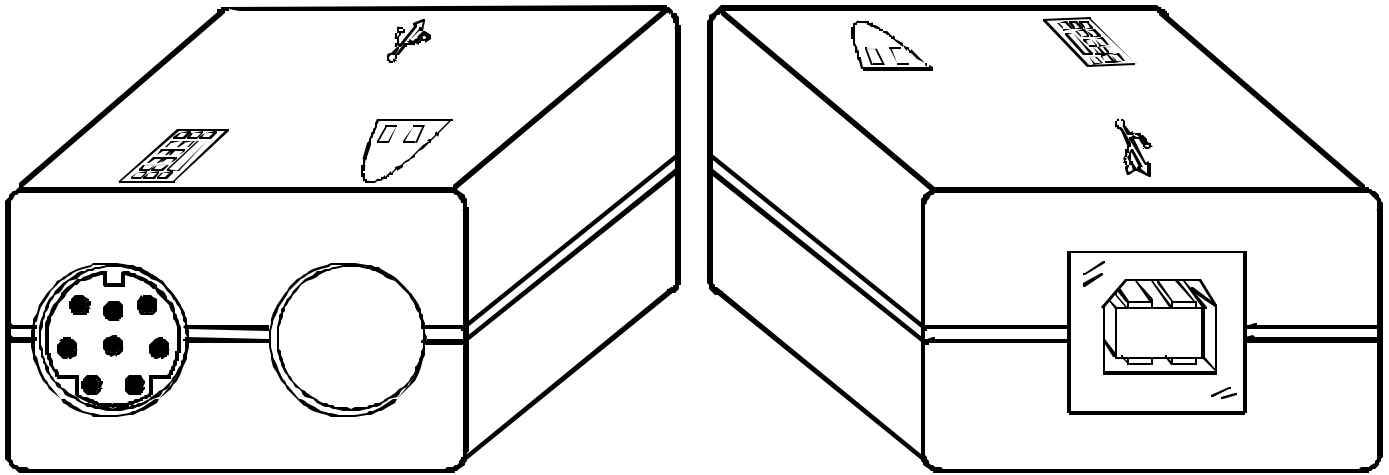




USB-SUN USB TO SUN ADAPTER

INSTALLATION / USER GUIDE

MAN015 REV 11/23/01



Introduction

The NTI USB-SUN is a USB to SUN adapter that allows users to easily connect their SUN USB enabled computer to an NTI Universal Multi Platform (ST-xU) or Universal Matrix (ST-nXm-U) KVM Switch.

Parts Included

- 1 NTI USB-SUN Adapter
- 1 USB-AB-0,5M-5T USB AB male-to-male cable

Cable that may be required but is not supplied:

Application	NTI CABLE
Connect adapter to NTI Universal Switch	SKTINT-xx-MM

Legend:

- xx is the length of the cable in feet.
- MM indicates male-to-male connector.

Applications:

Connect any NTI Universal or Matrix KVM Switch to a SUN CPU with a USB port (see Fig.1).

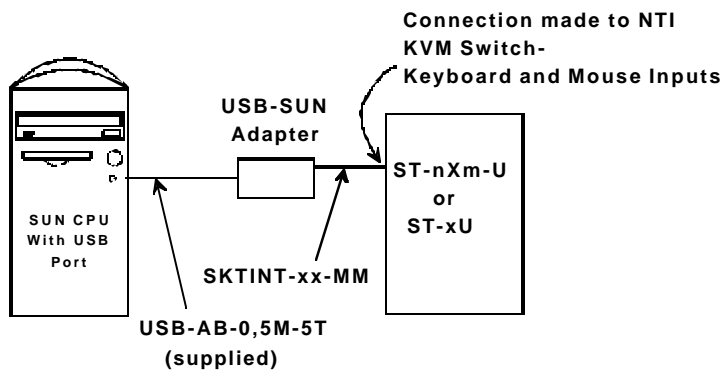


Fig. 1

Connect a SUN legacy keyboard and/or mouse to a SUN CPU with a USB port (see Fig. 2).

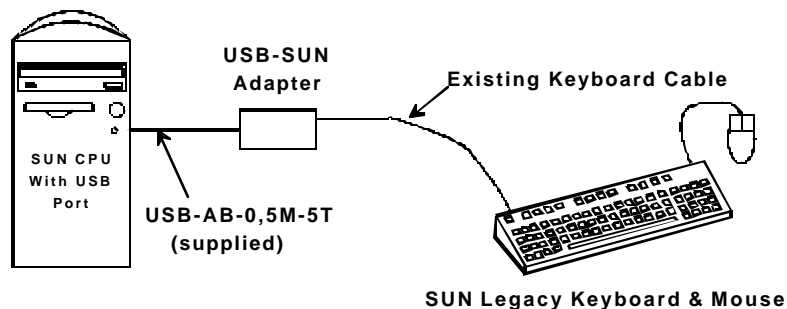
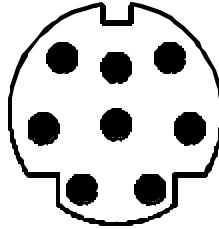


Fig. 2

Setup

When using the USB-SUN adapter to connect to an NTI KVM switch:

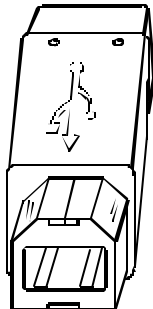
1. Connect one male 8 pin miniDIN end of the SKTINT-xx-MM cable to a female 8 pin miniDIN Keyboard and Mouse input port on the NTI KVM switch being used (see Fig. 3). Switch the power ON to the KVM switch if it isn't already.
2. Connect the other male 8 pin miniDIN end of the SKTINT-xx-MM cable to the 8 pin miniDIN female port on the USB-SUN adapter.



Mating Face of a 8 Pin miniDIN Female

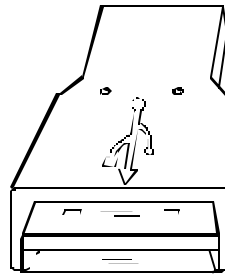
Fig. 3

3. Connect the USB type B male connector of the USB-AB-0.5M-5T cable (see Fig. 4) to the USB type B female port on the USB-SUN adapter.
4. Connect the USB type A male connector of the USB-AB-0.5M-5T cable (see Fig. 5) to a USB type A female port on the host computer. Note: It is important to make this connection last, particularly if the host computer is already ON at the time of connection.



USB Type B Male Connector

Fig. 4



USB Type A Male Connector

Fig. 5

When using the USB-SUN adapter to connect a SUN Keyboard and/or Mouse to a SUN CPU with a USB port:

1. Connect the 8 pin miniDIN male connector of the SUN keyboard and mouse assembly into the female 8 pin miniDIN port on the USB-SUN adapter.
2. Continue with steps 3 and 4 above.

PLEASE NOTE: It is necessary to configure the host (Sun) computer such that the Sleep Mode is not enabled. If the host computer goes into sleep mode either automatically or manually, the user must reboot the host computer in order to resume use of the host computer.

To disable the Sleep Mode, perform the following steps:

1. Select "Power Manager"
2. Look for "Device Idle Time Before Power Saving Starts"
3. Select "Always ON"
4. Look for "Override Device Idle Time For:"
5. Make sure neither "Monitors " nor "Disks" are selected.

Technical Specifications

Mating face of a USB Type B Female

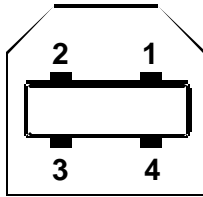


Fig. 6

PIN #	SIGNAL
1	+VCC
2	- DATA
3	+DATA
4	GND

Mating Face of a 8 pin miniDIN Female

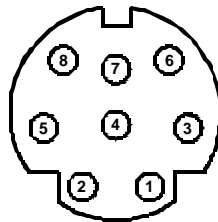


Fig. 7

PIN #	SIGNAL
1	GND
2	GND
3	+5
4	MOUSE
5	KYBD RCV
6	KYBD XMT
7	PWRN
8	+5

WARRANTY INFORMATION

The warranty period on this product (parts and labor) is one (1) year from the date of manufacture (indicated on the bottom of the product). Please contact Network Technologies Inc at **(800) 742-8324** (800-RGB-TECH) or **(330) 562-7070** or visit our website at <http://www.nti1.com> for information regarding repairs and/or returns. A return authorization number is required for all repairs/returns.

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CHANGES

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