



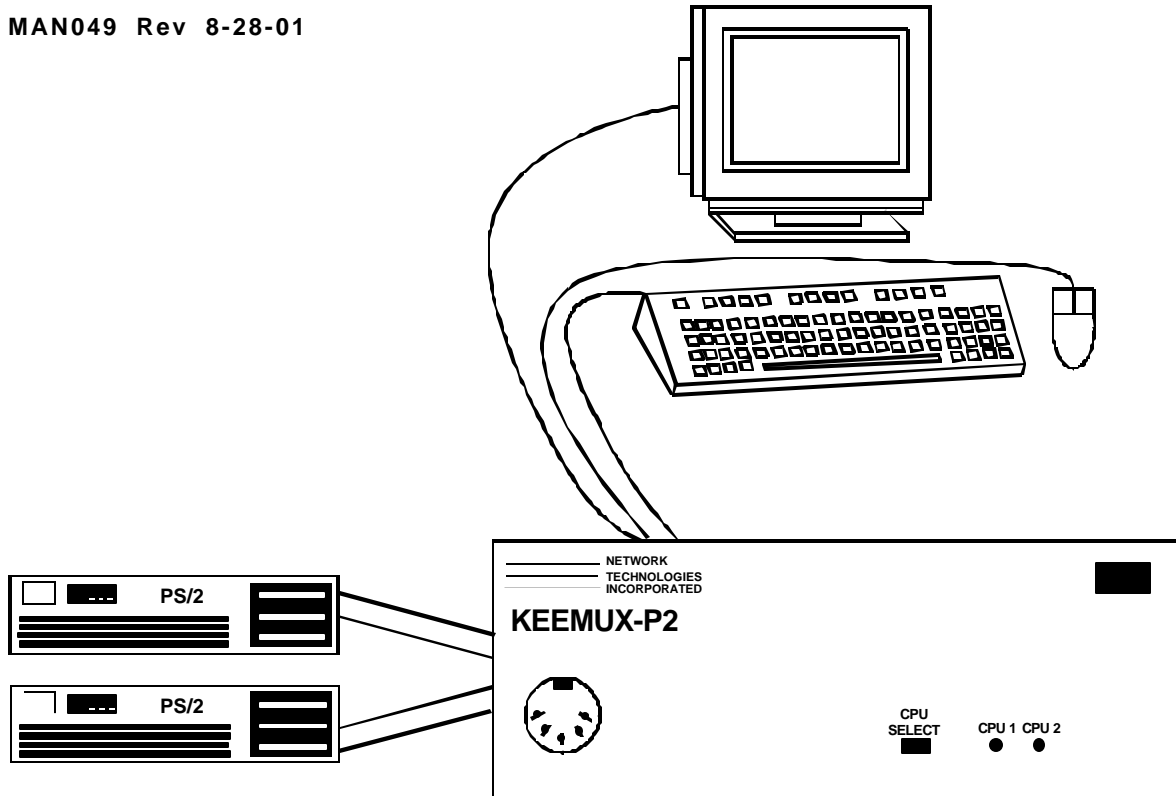
NETWORK  
TECHNOLOGIES  
INCORPORATED

1275 Danner Dr Tel:330-562-7070  
Aurora, OH 44202 Fax:330-562-1999

# KEEMUX-P2 (2-Port PS/2 KVM Switch)

## INSTALLATION / USER GUIDE

MAN049 Rev 8-28-01



## TABLE OF CONTENTS

<b>Introduction</b> .....	2
<b>Materials</b>	
Materials Supplied.....	2
Materials NOT supplied but required.....	2
<b>Installation</b> .....	2
<b>Using the NTI Switch</b>	
Front Panel Control.....	2
Keyboard Control.....	2
<b>SCAN MODE</b> .....	2
<b>BROADCAST MODE</b> .....	2
<b>Keyboard Features</b> .....	3
<b>KEEMUX-P2 Remote Specifications</b> .....	3
<b>Troubleshooting</b> .....	3
<b>Warranty Information</b> .....	3



## SCAN

SCAN Mode is indicated by a flashing CPU port LED. The switch scans to either port with a CPU powered ON. That port remains active for the configured dwell time (default time is 5 seconds) before switching to the other powered ON CPU port. See *Keyboard Control* Section for configuring the scan dwell time.

**NOTE: The keyboard and mouse must remain idle for the full SCAN dwell time before the switch selects the other port.**

## BROADCAST (use with extreme caution)

BROADCAST Mode is indicated when both CPU LED's are illuminated. This mode allows the operator to send keystrokes to both active computers simultaneously. However, BROADCAST Mode has some critical requirements:

1. BROADCAST Mode must be off when booting and attached computer.
2. COMMAND Mode must be OFF for keystrokes to reach attached computer when in BROADCAST.

## KEYBOARD FEATURES

The keyboard configuration of each computer is saved in the NTI Switch. For example, if the computer attached to Port 2 had CAPS LOCK and NUM LOCK selected the last time that computer was accessed, then they will automatically be set when that computer is accessed again.

## KEEMUX-P2 REMOTE SPECIFICATON (RMT-2-ST)

5 DIN	SIGNAL	DESCRIPTION
1	LED1	TTL output, low = port 1 selected
2	LED2	TTL output, low = port 2 selected
3	SWT	TTL of contact closure input (10K pullup)
4	GND	Ground
5	PWR	+5V for LED's, limited to 20ma

Low= < .4 volts High=> 2.4 volts

Control: When pin 3 (SWT) is brought low for a minimum of 10 MS, and then returned high, the switch will select the other port (toggle).

## TROUBLESHOOTING

1. Verify all cables are securely connected and that installation procedure was carefully followed.
2. Verify that power-up sequence was observed.
3. If a computer seems to be locked up, press the "CPU SELECT" button a couple of times.
4. If the problem still persists, unplug the keyboard and mouse cables (not the CPU keyboard and mouse) from KEEMUX-P2 and reconnect them.
5. If a Compaq Proliant 2000 or non-Intel architecture Unix machine with PS/2 ports (such as HP-9000) does not detect a keyboard or mouse attached when booting, booster cables (VKINT-1K-1) may be needed for both the keyboard and mouse CPU ports. See note under "INSTALLATION" on page 3 for proper installation instruction.

## WARRANTY INFORMATION

The warranty period on this product (parts and labor) is one (1) year from the date of purchase. 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.

## COPYRIGHT

Copyright© 2001 by Network Technologies Inc. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written consent of Network Technologies Inc, 1275 Danner Drive, Aurora, OH 44202

## CHANGES

The material in this guide is for information only and is subject to change without notice. Network Technologies Inc reserves the right to make changes in the product design without reservation and without notification to its users.

**SERIAL NO.:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

**INSPECTED BY:** \_\_\_\_\_



KEEMUX-P2