PS/2 KVM Server Switch with OSD and RS232 Control Options
KEEMUX®

Control multiple PCs with one keyboard, monitor and mouse

- Control all network computers from one office.
- Auto scan all computers to catch system failures early.
- Improve manageability of your computer room – eliminate extra cables, monitors, keyboards and mice.
- Compatible with IntelliMouse®.
- Broadcast keystrokes to all computers for simultaneous shut-downs.
- Cascade smaller KVM switches together as your network grows-up to 128 ports.
- Available with OSD and/or RS232 Control options.
  - OSD not available on 2-port switch.

KEEMUX-P8-R-RS (Front & Back)

The KEEMUX® PS/2 KVM switch allows one keyboard, monitor and mouse to control multiple PCs (up to 128 computers). Dedicated internal microprocessors emulate keyboard and mouse presence to each attached PC 100% of the time so all computers boot error free.

Specifications

Hosts
- Female 15-pin HD and female 6-pin miniDIN connectors.
- Compatible with all PS/2-style PCs and laptops, HP9000, Silicon Graphics and IBM RS6000 workstations.
- Compatible with SUN Fire V20z.
- Multiplatform support: Windows 2000/XP/Vista/Server 2000/2003/2008, Linux, and FreeBSD.

Monitor
- Female 15 pin HD connectors.
- Supports 1900x1200 resolution with no degradation.
- Bandwidth is 150 MHz.

Mouse
- Female 6-pin miniDIN connectors.
- Compatible with all standard 2-button PS/2 mice as well as the following:
  - Alps Glidepoint Touchpad – extended functions (i.e. tapping, etc.) are not supported.
  - Cirque Glidepoint Touchpad.
  - IBM Scroll Point mouse – extended stick functions are not supported.
  - Kensington Orbit Trackball.
  - Logitech (and other) 3-button mice.
  - Logitech 2-button Wheel Mouse.
  - Microsoft Ballpoint mouse.
  - Microsoft IntelliMouse.

Keyboard
- Female 6-pin miniDIN connectors.
- Keyboard and mouse presence are emulated 100% of the time so all computers boot error-free.
- Keyboard and mouse are hot-pluggable.
- PC switch will hard or soft boot all PCs 100% of the time.
- SCROLL-, CAPS- & NUM- LOCK lights update upon switching.

Power
- 110 or 220 VAC at 50 or 60 Hz via AC adapter.
- Two-port switches draw power from attached computers.

MTBF
- KEEMUX-P8-R: 60,750 hrs

Environmental
- Operating temperature: 32 to 100°F (0 to 38°C).
- Storage temperature: -20 to 140°F (-30 to 60°C).
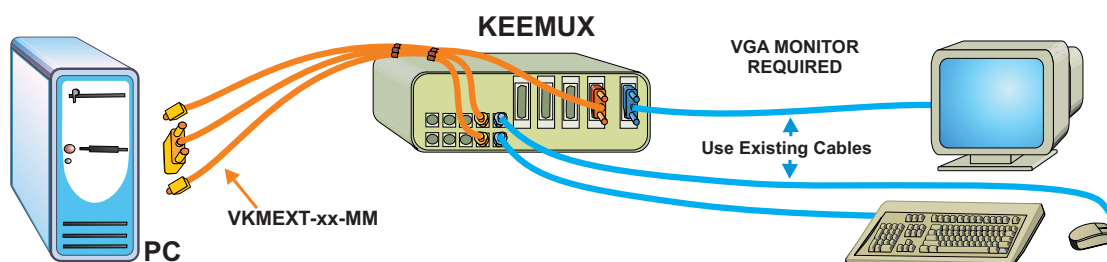- Operating and Storage Relative Humidity: 17 to 90% non-condensing RH.

Regulatory Approvals
- RoHS

Warranty
- 2 years

Configuration and Cable Illustration

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Control Methods

Front Panel Interface

- Touch a button and be connected to a CPU or change modes of operation.
- LEDs indicate currently selected port and mode of operation.
- Hold in any button for more than two seconds to go into **Scan Mode, Broadcast Mode** or **Command Mode**.
  - **Normal Operating Mode**, the user can directly operate the selected computer with transparent presence of the NTI switch.
  - **Scan Mode** feature causes the switch to automatically and sequentially display the video from each powered on computer for 2-255 seconds.
  - **Broadcast Mode** feature allows the user's keystrokes to be sent to all powered on computers.
  - **Command Mode** allows the user to give instructions to the switch through their keyboard. Keystrokes are not passed to the computer.

Keyboard

- Type **<CONTROL> + <`>** to go into **Command Mode**. (" ` " is the accent mark located on the same key as the tilde " ~ ")
- Press ESCAPE to leave **Command Mode** and return to **Normal Mode**
- **Scan Mode, Broadcast Mode** or **Command Modes** are available from the keyboard.

PS/2 KVM Switch, Desktop Models

NTI Part #	# of CPU's	Size WxDxH (in)
KEEMUX-P2	2	8x6.2x2.6
KEEMUX-P4	4	10x7.5x3.3
KEEMUX-P8	8	10x7.5x3.3

PS/2 KVM Switch with RS232 Control, Desktop Models

NTI Part #	# of CPU's	Size WxDxH (in)
KEEMUX-P2-RS	2	8x6.2x2.6
KEEMUX-P4-RS	4	10x7.5x3.3
KEEMUX-P8-RS	8	10x7.5x3.3

PS/2 KVM Switch with OSD, Desktop Models

NTI Part #	# of CPU's	Size WxDxH (in)
KEEMUX-P4-O	2	10x7.5x3.3
KEEMUX-P8-O	8	10x7.5x3.3

PS/2 KVM Switch with OSD & RS232 Control, Desktop Models

NTI Part #	# of CPU's	Size WxDxH (in)
KEEMUX-P4-O-RS	4	10x7.5x3.3
KEEMUX-P8-O-RS	8	10x7.5x3.3

PS/2 KVM Switch, Rackmount Models

NTI Part #	# of CPU's	Rack Units	Size WxDxH (in)
KEEMUX-P2-R	2	1RU	19x10x1.75
KEEMUX-P4-R	4	1RU	19x12x1.75
KEEMUX-P8-R	8	1RU	19x12x1.75
KEEMUX-P16	16	2RU	19x10x3.5
KEEMUX-P32	32	4RU	19x10x7

PS/2 KVM Switch with RS232 Control, Rackmount Models

NTI Part #	# of CPU's	Rack Units	Size WxDxH (in)
KEEMUX-P2-R-RS	2	1RU	19x10x1.75
KEEMUX-P4-R-RS	4	1RU	19x12x1.75
KEEMUX-P8-R-RS	8	1RU	19x12x1.75
KEEMUX-P16-RS	16	2RU	19x10x3.5

PS/2 KVM Switch with OSD, Rackmount Models

NTI Part #	# of CPU's	Rack Units	Size WxDxH (in)
KEEMUX-P4-OR	4	1RU	19x12x1.75
KEEMUX-P8-OR	8	1RU	19x12x1.75
KEEMUX-P16-O	16	2RU	19x10x3.5
KEEMUX-P32-O	32	4RU	19x10x7

PS/2 KVM Switch with OSD & RS232 Control, Rackmount Models

NTI Part #	# of CPU's	Rack Units	Size WxDxH (in)
KEEMUX-P4-OR-RS	4	1RU	19x12x1.75
KEEMUX-P8-OR-RS	8	1RU	19x12x1.75
KEEMUX-P16-O-RS	16	1RU	19x10x3.5
KEEMUX-P32-O-RS	32	1RU	19x10x7