

**SIGNAMAX**  
**CONNECTIVITY SYSTEMS**  
An AESP Company

# CommandView

**2-Port KVM SWITCH**

**(Keyboard, Video, Mouse)**

**Product No. 098-8025**

**User's Manual**

## **PREVENTING RADIO & TV INTERFERENCE**

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

## **LIMITED WARRANTY**

IN NO EVENT SHALL THE DIRECT VENDOR'S LIABILITY EXCEED THE PRICE PAID FOR THE PRODUCT FROM DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT OR ITS DOCUMENTATION.

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## TABLE OF CONTENTS

<b>Chapter 1:INTRODUCTION .....</b>	<b>2</b>
<i>FEATURES .....</i>	<i>3</i>
<i>SPECIFICATION.....</i>	<i>5</i>
<b>Chapter 2:INSTALLATION .....</b>	<b>6</b>
<b>Chapter 3:OPERATION.....</b>	<b>9</b>
<b>Chapter 4:TROUBLESHOOTING.....</b>	<b>11</b>
<b>APPENDIX A:CONTACT INFORMATION .....</b>	<b>12</b>

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**1**

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## INTRODUCTION

The 098-8025 is a high performance yet low cost console (Keyboard, Mouse and Monitor) sharing switch for IBM compatible PCs. You can control any 2 PS/2 style PCs with only one set of Keyboard, Mouse and Monitor peripherals.

It is compact, easy to install, and doesn't need any external power adapter. Moreover, NO extra software is required to install, and hence there are no software incompatibility problems to worry about.

The operation is easy and straightforward by using the panel push button or keyboard hot keys. It features superior video quality, VGA resolution up to 2048x1536 @75Hz, and it supports virtually any popular scroll mouse in the market, making it suitable for various SOHO environments.

Looking for a compact Keyboard/Video/Mouse (KVM) switch? The Signamax 098-8025 is your best choice.

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## FEATURES

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- ◇ Supports PC-AT and PS/2 keyboard (AT requires an AT-PS/2 adapter).
- ◇ Supports Microsoft IntelliMouse, Logitech MouseMan+, FirstMouse+, and IBM Scroll Point Mouse.
- ◇ Keyboard and Mouse emulation for all inactive channels.
- ◇ Keyboard Caps Lock, Num. Lock, Scroll Lock states and typematic rate automatically saved and restored when switching among computers.
- ◇ Supports SVGA, VGA and Multisync monitors.
- ◇ Supports video resolution up to 2048x1536 @ 75Hz, Bandwidth 350 MHz.
- ◇ Supports VESA DDC1/2B standard.

- ◇ PC selection by keyboard or push button.
- ◇ Scan and manual mode selection.
- ◇ Scan mode automatically switches through powered-on computers.
- ◇ Scan mode LED indication.
- ◇ Buzzer sound for switching confirmation.
- ◇ Easy to install and operate.
- ◇ No software required.
- ◇ NO external power required.
- ◇ Saves Space and Equipment.
- ◇ Uses regular KVM cable.

**SPECIFICATION**

<b>Number of PC port</b>	<b>2</b>
<b>PC selection methods</b>	<b>Push-button switch</b>
	<b>Keyboard Hot keys</b>
<b>Scan interval</b>	<b>5,10,15,20,25 second</b>
<b>VGA bandwidth</b>	<b>350MHz</b>
<b>Maximum resolution</b>	<b>2048x1536 @ 75Hz</b>
<b>LED</b>	<b>PC port LED x 2</b>
	<b>SCAN LED x 1</b>
<b>PC port connector</b>	<b>Keyboard: mini-DIN6 female x 2</b>
	<b>Mouse: mini-DIN6 female x 2</b>
	<b>VGA: HDB15 male x 2</b>
<b>Console connector</b>	<b>Keyboard: mini-DIN6 female x 1</b>
	<b>Mouse: mini-DIN6 female x 1</b>
	<b>VGA: HDB15 female x 1</b>
<b>Enclosure</b>	<b>Plastic</b>
<b>Weight D</b>	<b>190 g</b>
<b>imension(WxDxH)</b>	<b>120 x 95 x 41 mm</b>

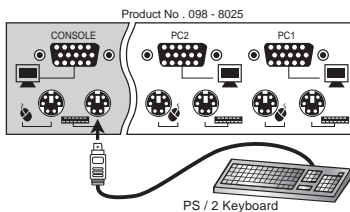
## 2

## INSTALLATION

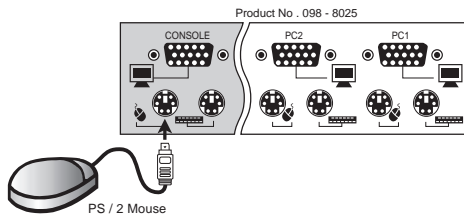
**Note:** Please turn off all the PCs that will be connected to the 098-8025 before any installation.

### Console Keyboard Mouse Monitor installation:

- ◇ Connect the PS/2 keyboard to the Console PS/2 keyboard connector (For an AT keyboard, please use an optional DIN5 to mini-DIN6 adaptor).

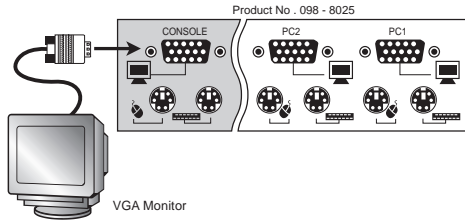


- ◇ Connect the PS/2 mouse to the Console PS/2 mouse connector.



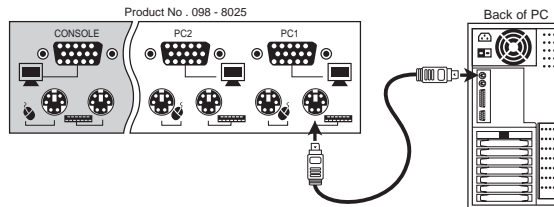


- ◇ Connect the monitor to the Console VGA connector.

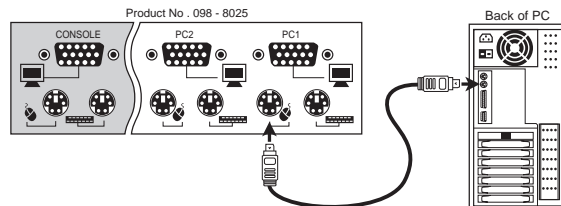


### PC port Keyboard Mouse VGA installation:

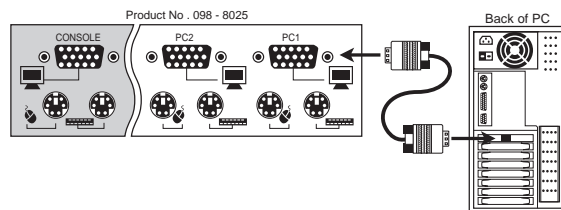
- ◇ Connect the PS/2 keyboard port of the PC to the KVM Switch PC port PS/2 keyboard connector by means of a mini-DIN6 male-to-male cable (if the PC keyboard port is an AT DIN5 connector, please use an optional DIN5 to mini-DIN6 adapter).



- ◇ Connect the PS/2 mouse port of the PC to the KVM Switch PC port PS/2 mouse connector by means of a mini-DIN6 male-to-male cable.



- ◇ Connect the VGA output port of the PC to the KVM Switch PC port VGA connector by means of a HDB15 male-to-female VGA cable.



Signamax™ model C-65-T Hydra™ cable is recommended. It is a single zip cable containing all the necessary CPU-to-KVM switch connections, with a ferrite core on the video connection for superior video performance. 6, 10, 15, and 25 ft. lengths are available. Consult your dealer for availability and price.

**3**

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## OPERATION

You can access any PC connected to the Signamax™ 098-8025 by the SELECT push button or by HOT Keys from the console keyboard.

### Select PC by the SELECT push button:

- Push the SELECT button (and release within one second) to advance to the next powered-on PC in a cyclic style. The built-in buzzer will beep once for confirmation of the channel switching. The PC 1 & PC 2 LEDs identify which channel is under control.
- Push the SELECT button and hold over one second, the SCAN LED will be lit on along with the buzzer beeping twice, and now the CPU Switch is in SCAN mode. To return to NORMAL mode, push the SELECT button (and release within one second) or press any key on the keyboard, and the SCAN LED will turn off to indicate the NORMAL mode of operation.

### Select PC by the keyboard HOT Keys:

Press the Scroll Lock key twice within one second to enter Hotkey mode. In Hotkey mode, the keyboard status LED will flash and wait further input from the user; if the input is correct, the buzzer will beep to confirm and leave Hotkey mode. Otherwise, don't press any key to leave Hotkey mode after five seconds, or press the ESC key to leave Hotkey mode immediately.

- To select a PC directly:  
Press the '1' key for PC #1, press the '2' key for PC #2.
- To start SCAN mode:  
Press the 's' key to enter SCAN mode.

## 4

## TROUBLESHOOTING

Symptom	Causes	Solution
Keyboard error or keyboard not detected.	Incorrect installation of keyboard cable.	Refer to the installation chapter and reinstall the cable.
	Improper keyboard reset.	Unplug the keyboard, then re-plug the keyboard back into the connector.
Mouse not detected.	Incorrect installation of mouse cable.	Refer to installation chapter and reinstall the cable.
	Improper mouse reset.	Unplug the mouse, then re-plug the mouse back into the connector.
No image on monitor.	Incorrect installation of VGA cable.	Refer to installation chapter and reinstall the cable.
Display quality is poor or has ghost shadows.	VGA cable is not a UL2919 type.	Use UL2919 cable or Signamax™ Hydra™ C-65-T cable for superior video quality.
Push button switch doesn't work, or it doesn't scan under SCAN mode.	Only one PC is connected or powered-on.	Only a powered-on PC can be switched or scanned.
The KVM Switch doesn't work at all.	Improper KVM Switch reset.	Turn all PCs off, wait for 3 seconds, then turn all PCs on.

## APPENDIX A

### CONTACT INFORMATION

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