

MiniView™ Micro

2-Port KVM Switch with Built-in KVM Cables

Installation Manual (GCS62)




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Thank you for purchasing one of the most feature-rich keyboard, video, and mouse switches on the market. IOGEAR's MiniView™ Micro switches are first-rate connectivity accessories designed to help reduce the frustration of managing multiple computer systems. With the MiniView™ Micro by IOGEAR, you can access two computers from a single console (keyboard, mouse and monitor). MiniView™ Micro allows you to change ports easily by entering Hot Key combinations from the keyboard or OSD (On Screen Display). Setup is fast and easy; plugging cables into their appropriate ports is all that is entailed.

We hope you enjoy using your MiniView™ Micro, yet another first-rate connectivity solution from IOGEAR.

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This package contains:

- 1 MiniView™ Micro 2-port KVM
- 1 User Manual
- 1 Quick Start Guide
- 1 Warranty Registration Card

If any items are damaged or missing, please contact your dealer.

Overview

The MiniView™ Micro (GCS62) allows access to two computers from a single console (keyboard, monitor, and mouse). This cost effective way to access two computers, without extra hardware, is highly efficient and easy to use. By allowing a single console to manage both computers, the MiniView™ Micro eliminates the expense of purchasing extra keyboards, monitors, mice, and the MiniView™ Micro eliminates the extra space they would take up.

The MiniView™ Micro is small, portable, and fits right on or under your desktop. It also comes with a built-in KVM cable set to simplify the installation. Setup is fast and easy: plugging cables into the appropriate ports is all that is entailed. There is no software to configure, and no incompatibility problems. Since the MiniView™ Micro intercepts keyboard input directly, it works on any hardware platform and with all operating system.

The MiniView™ Micro provides a convenient method to access the computers by simple Hot Key combinations from the keyboard.

Features

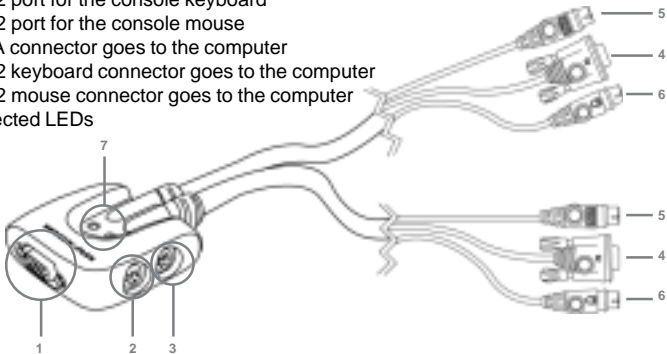
- Use one keyboard, monitor and mouse to control two computers
- Very compact KVM switch with molded cables for computer connection
- Supports Microsoft IntelliMouse and the scrolling wheel on most mice
- Easy to install – No software required – connecting cables to the computers is all it takes
- Easy to operate – PC selection via convenient Hot Keys
- AutoScan function to monitor computer operation
- LED display for easy status monitoring
- Caps Lock, Num Lock, and Scroll Lock states are saved and restored when switching
- Hot pluggable – add or remove computers without powering down the switch
- Keyboard and mouse emulation for error free PC booting
- No need for external power supply
- Superior video quality – up to 1920x1440; DDC, DDC2, DDC2B

Requirements

Computers with PS/2 mouse connections, PS/2 or AT keyboard connections, and HDDB15 VGA connection.

*NOTE: Serial mouse not supported, AT keyboard requires an AT to PS/2 adapter

1. VGA port for the console monitor
2. PS/2 port for the console keyboard
3. PS/2 port for the console mouse
4. VGA connector goes to the computer
5. PS/2 keyboard connector goes to the computer
6. PS/2 mouse connector goes to the computer
7. Selected LEDs



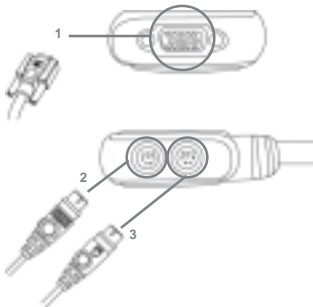
Installation

Step. 1

Before you begin, please turn off the computers you are going to connect to the MiniView™ Micro.

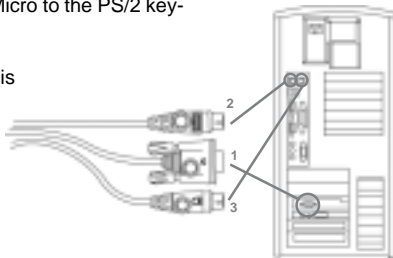
NOTE: to prevent damage to your equipment due to static electric discharge, please make sure that all devices on the installation are properly grounded.

1. Connect your monitor VGA cable to the female VGA port (item# 1) on your MiniView™ Micro.
2. Connect your PS/2 keyboard directly into the PS/2 keyboard port (item# 2) on your MiniView™ Micro.
3. Connect your PS/2 mouse directly into the PS/2 keyboard port (item# 3) on your MiniView™ Micro.



Step. 2

1. Connect the VGA cable (item# 4) that is built into the KVM cable of your MiniView™ Micro to the VGA port on your computer.
2. Connect the PS/2 keyboard cable (item# 5) that is built into the KVM cable of your MiniView™ Micro to the PS/2 keyboard port on your computer.
3. Connect the PS/2 mouse cable that is built into the KVM cable of your MiniView™ Micro to the PS/2 mouse port on your computer.



Installation

Step. 3

Repeat step 2 for your second computer.

Step. 4

Turn the power of your computers on, and refer to operation instruction.

Operations

MiniView™ Micro allows you to access the computers through Hot Key combinations from the keyboard.

1. Selecting computers

You can toggle between the two computers by pressing and releasing the left or right Scroll Lock key twice: [Scroll Lock]+[Scroll Lock].

2. AutoScan Mode

The MiniView™ Micro offers AutoScan feature and allows you to monitor the activity of the connected computers without taking the trouble of switching yourself.

Operation

Operations con'd

To initiate the AutoScan mode, press and release the left Shift key, then press and release the right Shift key: [Left Shift] + [Right Shift].

NOTE: the interval between these two keys should be no more than 0.5 seconds.

Once the scanning begins, it continues until you press the [Space Bar] to exit AutoScan Mode. The port that was active at the time the scanning stopped would remain active.

Note: While AutoScan Mode is in effect, none of the keyboard keys except [Space Bar] will function. You must exit AutoScan Mode by pressing the [Space Bar] in order to use the keyboard for other purposes.

Operations con'd

You can customize the scan interval time with the following Hot Key combination:
[Left Shift] + [Right Shift] + [S] + [*n*].

[*n*] represents a number from 1 to 4 which sets the desired scan interval as shown in the table below:

<i>n</i>	Scan Interval
1	3 seconds
2	5 seconds
3	10 seconds
4	20 seconds

Appendix

LED Display

Activity	Function
Off	Port is not selected
On (Steady)	Port is connected to an active computer
Flashing	Port is connected to an active computer, and is being accessed in AutoScan Mode

Specification

PC Connections (Direct)			2
PC Selection			Hot Key
Connector	PC (with plugs at the end of the cables)	Keyboard	2 x Mini-DIN-6 (M) Purple
		Mouse	2 x Mini-DIN-6 (M) Green
		VGA Monitor	2 x HDB-15 (M) Blue
	Console	Keyboard	1 x Mini-DIN-6 (F) Purple
		Mouse	1 x Mini-DIN-6 (F) Green
		VGA Monitor	1 x HDB-15 (F) Blue

Specification Con'd

LED (Selected)	2 x Green @ Top
Keyboard/Mouse Emulation	PS/2
Scan Interval	3, 5, 10, 20 seconds
Resolution	1920 x 1440, DDC, DDC2, DDC2B
Operation Temperature	0° - 50° C
Storage Temperature	-20° - 60° C
Humidity	0 - 80% RH, NC
Enclosure	Plastic
Weight	0.75 LBs
Dimensions (LxWxH)	2.5" x 2.25" x 0.875" with 4' cables

Troubleshooting

Symptom	Possible Cause	Action
Keyboard Not Responding*	Loose cables	Check all keyboard cable connections to make sure they are completely seated in the sockets
	Keyboard needs to be reset.	Unplug the keyboard from the Console Keyboard Port, then plug it back in.
	MiniView™ Micro needs to be reset	Turn off computers. Unplug the cables from the unit. Wait five seconds; then plug the cables back in and turn the computers on.
	MiniView™ Micro is in AutoScan mode	Press the Spacebar to exit AutoScan mode.
Pressing Hot Keys gets no response	Selected port connects to a powered-off computer	Resend the Hot Key command selecting a port that has a powered-on computer attached
	Hot Key sequence input incorrectly	Resend the Hot Key command - press and release each key in the sequence individually
	MiniView™ Micro is in AutoScan mode	Press the Spacebar to exit AutoScan mode.

Troubleshooting Con'd

Symptom	Possible Cause	Action
Mouse not detected, or does not respond correctly**	Loose Cables	Check all mouse cable connections to make sure they are completely seated in the sockets.
	Use of Mouse Port Adapters	This unit is designed to only work with PS/2 mice and computers with PS/2 type mouse ports. PS/2 mouse signals and serial mouse signals are different - adapters will not convert the signals - therefore, the computer must be equipped with a PS/2 type mouse port. Serial mouse ports with adapters cannot be used.
	Mouse needs to be reset	Unplug the mouse from the Console Keyboard Port, then plug it back in.
	MiniView™ Micro needs to be reset	Turn off computers. Unplug the cables from the unit. Wait five seconds; then plug the cables back in and turn the computers on.
	Mouse set to Serial Mode	Some mice can be set to act as either a PS/2 or serial mouse. Make sure the mouse is set to S/2 mode.
	Incorrect Mouse Driver	Check your Device Manager to be sure that the correct driver for your mouse (obtained from the manufacturer, or supplied by the operating system) has been installed.

Troubleshooting Con'd

Symptom	Possible Cause	Action
Video Problems	Resolution and/or bandwidth set too high	Select a lower resolution and/or bandwidth.

* The unit is designed to work with PS/2 and AT keyboards.

** Some notebooks, notably the IBM ThinkPad and Toshiba Tecra, have trouble when their mouse and keyboard ports are used simultaneously. To avoid this, only connect the mouse port or the keyboard port. If you connect the mouse port, you will need to use the notebook's keyboard when the notebook becomes the active computer.

Radio & TV Interference Statement

WARNING!!! This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause interference to radio communications. This equipment has been tested and found to comply with the limits for a Class B 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

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Contact info.

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