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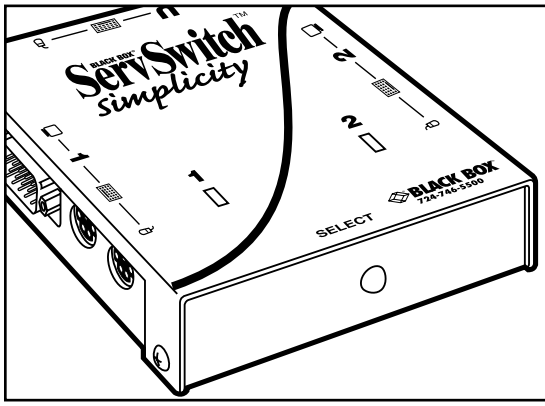
BLACK BOX®
NETWORK SERVICES

Black Box Corporation • 1000 Park Drive • Lawrence, PA 15055-1018 • Tech Support: 724-746-5500 • **www.blackbox.com** • **e-mail: info@blackbox.com**

SERVSWITCH SIMPLICITY



Using one monitor, keyboard, and mouse to switch between PCs has never been easier.

Key Features

- ***Control up to two or four desktop PCs from a single monitor, keyboard, and mouse.***
- ***Tiny but rugged case can be placed almost anywhere.***
- ***Switch by pressing a button or typing a keyboard command.***
- ***Needs no AC power—it draws its power from the attached computers.***
- ***Can scan between the computers.***
- ***Supports resolutions up to 1024 x 768 at up to 85 Hz.***
- ***Supports wheel mice.***
- ***LEDs show which computer is selected.***

There are a lot of keyboard/video/mouse switches out there that you can use to control a few PCs with a single monitor, keyboard, and mouse. But a lot of them are almost as bulky as one of the monitors they're replacing. And quite a few of them are way more complicated than most people need or want.

Maybe you should consider the ServSwitch Simplicity™. It's designed to handle up to two or four IBM® PC type desktop (*not* laptop) CPUs, just like those bigger switches. But the 2-port model is only 1.2 inches (3 cm) thick and 3.6 x 4.4 inches (9.1 x 11.2 cm) square—smaller than most paperback books. (The 4-port model isn't much bigger.) You can either set it on your desk or stick it on a wall or other surface, out of the way. Even so, its tough metal case can take the bumps and jolts of everyday offices.

Attaching your equipment is simple—just check out the illustrations on the next page. Your monitor, keyboard, and mouse plug right in. You only need one cable to attach each PC CPU: Use our handy KVM-extension cable, which has bonded keyboard, video, and mouse strands—no tangling or mismatching cords! It comes in a regular variety that's good for most applications, and a coaxial variety for better video.

If you order the 2-Port ServSwitch Simplicity Kit, you'll get two of the regular cables with the switch. If you order just the switch itself, you can get the cables separately in either regular or coax versions.

It's so easy to operate that anyone can do it. To switch from one CPU to another, either (a) press the button on the Simplicity, or (b) press a sequence of keys on your keyboard. That's all there is to it. Even "scanning" between the computers is easy: To have the Simplicity continuously display the video output of each computer for five seconds at a time, press a different sequence of keystrokes. Press the space bar to stop the scan. The 4-port model has a few extra commands for manually monitoring the CPUs' video with the keyboard disabled.

The Simplicity gets all the power it needs from the attached computers, so it doesn't need to be plugged in to AC power. You also don't need to configure it. All of the attached PCs can boot up at the same time, and the Simplicity remembers their Num Lock, Caps Lock, and Scroll Lock settings as you switch back and forth between them.

Don't worry that you'll have to use the lowest possible resolution on your monitor, either. The Simplicity supports video resolutions as high as 1024 x 768 at refresh rates up to 85 Hz. And it supports the Microsoft® IntelliMouse® and other makes of "wheel" mice too.

If you place the Simplicity where you can see its top panel, its LED indicators will show you which computer CPU is selected during normal operation. In scan mode, they'll show you which PC's video is being displayed.

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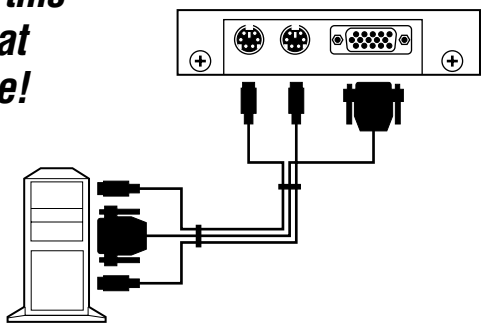
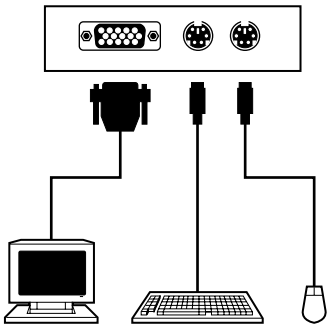
The simplest possible connections make this a KVM switch that everyone can use!

Attach each of your CPUs with a single three-to-three cable. (A 2-port Simplicity is shown here.)



Plug in your monitor, keyboard, and mouse directly.



Specifications

Compliance: CE; FCC Part 15 Subpart B Class B, IC Class/ classe B; VCCI Class A

Standards: VGA, SVGA, or XGA video

Interfaces:
Video: VGA;
Keyboard and mouse: IBM PS/2® compatible

Resolution: Up to 1024 x 768 noninterlaced at up to 85 Hz

Scan Interval: In autoscan mode, pauses at each computer for 5 seconds

Maximum Distance: 10 ft. (3 m) from the switch to any attached device

User Controls:
Keyboard commands;
(1) Front-mounted SELECT pushbutton for switching between computers

Connectors: All side-mounted:
For user equipment:
(1) HD15 female for monitor attachment;
(2) 6-pin mini-DIN female for keyboard and mouse attachment;
For each computer CPU (SW613A and SW613A-K support [2] CPUs, SW612A supports [4]):
(1) HD15 male for video attachment;

Connectors (continued):
(2) 6-pin mini-DIN female for keyboard and mouse attachment

Indicators: Top-mounted "selected computer" LEDs:
SW613A and SW613A-K: (2);
SW612A: (4)

Temperature Tolerance:
Operating: 41 to 104˚F (5 to 40˚C);
Storage: -4 to +140˚F (-20 to +60˚C)

Humidity Tolerance: 5 to 80% noncondensing

Maximum Altitude: 10,000 ft. (3048 m)

Enclosure: Steel

Power: 5 VDC from attached CPUs' keyboard interfaces

Size:
SW613A and SW613A-K: 1.2"H x 3.6"W x 4.4"D (3 x 9.1 x 11.2 cm);
SW612A: 1.2"H x 3.6"W x 7.1"D (3 x 9.1 x 18 cm)

Weight:
SW613A and SW613A-K: 0.8 lb. (0.4 kg);
SW612A: 1.5 lb. (0.7 kg)

The Complete Package

When you order the ServSwitch Simplicity, you'll receive:

- The switch.
- Two hook-and-loop mounting strips for surface-mounting.
- Four adhesive rubber feet for standalone operation on a desktop.
- A users' manual.

The 2-Port ServSwitch Simplicity Kit comes with all of the above plus a pair of cables:

- (2) 8-ft. (2.4-m) regular-type three-to-three KVM-extension cables.

On one end these cables have connectors that plug into the video, keyboard, and mouse ports on the computer's CPU. On the other end, these cables have connectors that plug into the matching video, keyboard, and mouse CPU ports on the switch.

Ordering Information

ITEM	CODE
ServSwitch Simplicity	
2-Port	SW613A
4-Port	SW612A
2-Port ServSwitch Simplicity Kit	SW613A-K
You may also need cable…	
KVM Extension Cable	
Regular, 8-ft. (2.4-m)	EHN403-0008
Coaxial, 10-ft. (3-m)	EHN235-0010

NOTE: When using the ServSwitch Simplicity with older computers with VGA and EHN403 cable, pin 9 on the CPU VGA connector may be plugged. An adapter with pin 9 removed must be used in this case, because the EHN403 cable has all pins and will not connect to the CPU. Call Tech Support for details.

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