



SK4u

Secure USB keyboard, mouse and audio switch

Datasheet

MOUSE & POINT®

The SK4u is a secure USB keyboard and mouse switch optimized for mission critical and secure applications. It allows a single USB keyboard and mouse to be switched between up to four computers and can also switch or mix audio data from the computers through to a headset or speakers.

Its advanced design ensures complete support for attached workstations, from power up to shutdown and allows almost instant channel switching. Users can switch channels using mouse clicks, keyboard shortcuts, the optional K4 controller, or the intuitive Mouse Point® system.

The SK4u is specifically designed to enhance system security by preventing channel cross-talk or key-stroke recording. In addition, it has the most thorough and accurate implementation of the USB protocol, ensuring the widest possible, error free compatibility. If you need a totally reliable, secure keyboard and mouse switch for a mission critical application, the Amulet Hotkey SK4u is the only safe option.

SK4vu video switch

Based on the same robust and secure platform as the SK4u, the SK4vu adds a dual-head video switching matrix compatible with all digital and analogue workstation video sources.



SK4u

SK4vu

Key features

- USB front panel interface optimized for security
- Secure architecture with complete channel data isolation
- Switch or mix up to four audio sources
- Support for 5 button mouse and wheel mouse
- Compatible with Amulet Hotkey PC-over-IP® Zero Clients
- Robust metal case for reliable long term deployment
- Extended warranty

Channel changing

- Via keyboard, mouse or optional K4 Controller
- Via Mouse Point® - automatic channel changing
- Optional keyboard and mouse focus indicators available

Easy configuration and maintenance

- DIP switch configurable
- Cables and PSU included
- Can be powered by USB connection to computer (when used) without power consuming accessories)
- Tempest level B secure versions available

Also available: SK4vu with integrated dual-head video switching

**AMULET
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solutions you can bank on

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Towards greener computing

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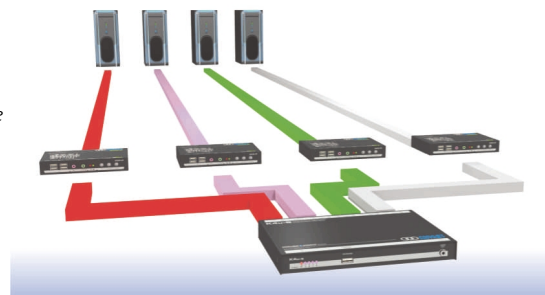
SK4u Datasheet 4.2 June 2015

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Compatible with PCoIP Zero Clients

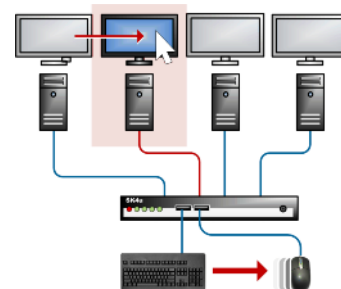
The SK4u is fully compatible with Amulet Hotkey PC-over-IP Zero Clients and can be used to connect to remote PCoIP enabled workstations. Zero Clients use significantly less power at the desktop and generate little noise. Most importantly, they allow computers to be located in secure data centers away from the work place without compromising the user computing experience. They are ideal for use with the SK4u in secure environments.

A SK4u switches keyboard and mouse between 4 remote workstations, each of a different security level. This setup uses separate PCoIP links between Amulet Hotkey zero clients at the desktop and an Amulet Hotkey PCoIP host in each workstation.



Mouse Point®

Mouse Point is a simple but powerful tool for organizing desktops and controlling the SK4u. Using Mouse Point, users can switch channels simply by dragging the cursor to another screen. This intuitive system is easy to set up using the Mouse Point Configuration Application and works with single or multi-headed workstations.



Mouse Point. Drag to change channels.

K4 Controller

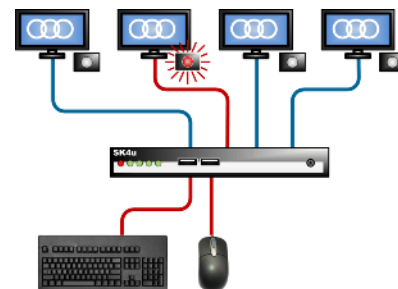
The K4 Controller plugs into the SK4u rear panel and provides a tactile method of changing channels. An LED in each switch cap confirms the channel selection. The K4 Controller is compact enough to sit on or near a standard keyboard and comes with a robust metal case.



K4 Controller.
Sits next to keyboard.

Focus indicators

To see which monitor is currently the focus of keyboard and mouse activity, you can use the optional Focus Indicators. These plug in to the SK4u and can be positioned under each monitor, lighting up to show which channel is currently selected.



Focus Indicator LEDs below monitors

Power supply	12V 125 mA external power brick
Power consumption	(Switch only) Less than 5W
Channel inputs	Keyboard & mouse: 2 x USB type A - front panel USB: 4 x USB type B - rear panel Audio: 4 x 3.5 mm stereo audio socket - rear panel
Audio output	1 x 3.5 mm front panel stereo audio socket
Support devices	Keyboard, mouse, audio
Size (W x H x D)	250 x 31 x 155 mm (9.8 x 1.2 x 6.1 inches)
Unit weight	Unit: 1.4 Kg (3.0 lbs) Shipping: 3.0 Kg (6.5 lbs)
Compliance	Conforms to relevant parts of EN55024, EN55022 and FCC Part 15b TEMPEST level B versions available by special arrangement.