

### Quick Start Guide

The K4u<sup>+</sup> is a four channel keyboard, mouse and stereo-audio switch. It allows you to control up to four computers from a single keyboard and mouse. You can connect any combination of USB, legacy Sun™ or PS/2 compatible computers and control them from a USB or PS/2 compatible keyboard and a USB mouse.

#### In the box

- K4u<sup>+</sup> unit
- Auto-sensing Power Supply Unit (PSU) and IEC lead for your region
- 4 x USB cables
- 4 x stereo-audio cables

#### Set the DIP switches

DIP switches on the underside of the K4u<sup>+</sup> are used to configure the unit (for example, to specify hot-key combinations). See the *K4u<sup>+</sup> Manual* for full details.

1. Make sure that the DIP switches are set correctly for your system needs.

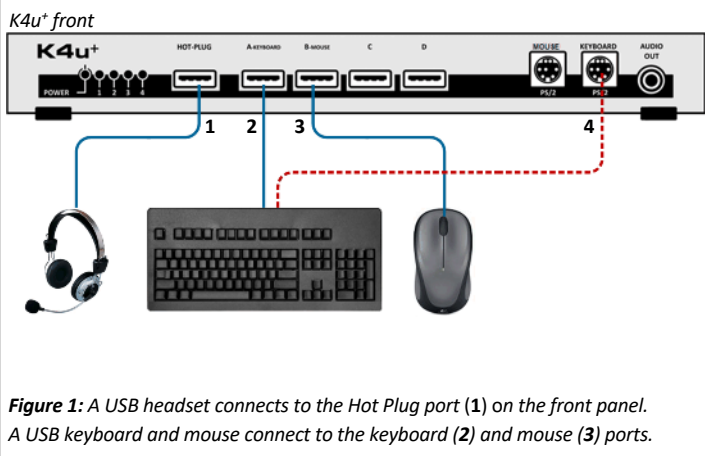
#### Connect peripherals to the K4u<sup>+</sup> front panel

Refer to [Figure 1](#).

1. Connect a keyboard and mouse to the front panel keyboard (2) and mouse ports (3). Alternatively, connect a PS/2 keyboard to the PS/2 socket (4).

**Note:** Only a USB mouse is supported for use with the K4u<sup>+</sup> switch.

2. *Optional:* Connect headphones or a headset to the Hot-Plug port (1).



**Figure 1:** A USB headset connects to the Hot Plug port (1) on the front panel. A USB keyboard and mouse connect to the keyboard (2) and mouse (3) ports.

#### Connect the Power Supply Unit (PSU)

Use only the PSU supplied with the K4u<sup>+</sup>.

The K4u<sup>+</sup> can draw its power from the supplied PSU or from a connected PC depending on your connection requirements.

If connecting only keyboard and mouse peripherals to the unit...	If connecting more USB peripherals than just a keyboard and mouse...
...use rear USB connections to power the K4u <sup>+</sup> .	...use the supplied PSU.

For best performance, always use the supplied PSU.

1. If required, connect the PSU to the K4u<sup>+</sup> and power it on. See (7) in [Figure 2](#).  
After a short delay, the front panel LEDs illuminate.



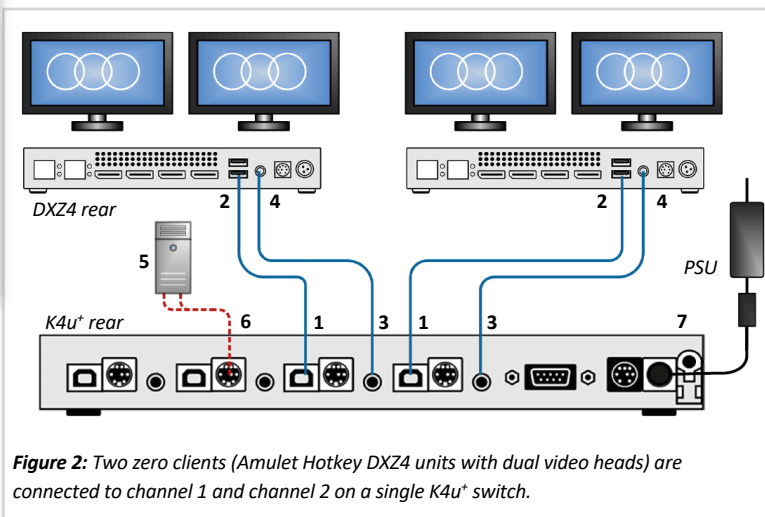
#### Connect the K4u<sup>+</sup> switch sources to the rear panel

Refer to [Figure 2](#).

1. Use the USB cables supplied to connect from the USB ports on the rear panel of the K4u<sup>+</sup> (1) to a USB port (2) on up to four computers or zero clients.  
*To connect to a PS/2 computer, connect one end of a Y-splitter cable into the PS/2 connector on the K4u<sup>+</sup> rear panel (6) and the split end of the cable into the PS/2 keyboard and mouse sockets of the computer (5).*

**Note:** Legacy Sun workstations (miniDIN connections) can also be connected. The K4u<sup>+</sup> will convert protocols automatically. Contact Amulet Hotkey for PS/2 and Legacy Sun cables.

2. Connect monitors directly to the attached computers (or zero clients).
3. *Optional:* Connect the 3.5 mm K4u<sup>+</sup> channel audio inputs (3) to any line out audio outputs (4) from the attached computers or zero clients.



**Figure 2:** Two zero clients (Amulet Hotkey DXZ4 units with dual video heads) are connected to channel 1 and channel 2 on a single K4u<sup>+</sup> switch.

**Note:** The K4u<sup>+</sup> is not a video switch. Make sure that monitors connect directly to the computers or zero clients.

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### How to switch between sources

Use any of these methods to change between channels (sources):

- **Keyboard hot-keys:** Hold down a combination of hot-keys to switch channels. By default, hold down Alt + Space and then press 1, 2, 3 or 4 to select channel 1, 2, 3 or 4 respectively.
- **Mouse buttons:** Hold down the middle mouse button and press the left or right buttons to change up or down through the available channels.
- **MousePoint®:** Use the MousePoint software to allow you to switch channels by moving the mouse pointer from one screen to another. Download the software and Quick Start Guide from our resources website.

### Front panel LEDs

There are five LEDs on the front panel of the K4u+, one POWER LED and one CHANNEL STATUS LED for each of the four channels.

The CHANNEL STATUS LED lights only when that source is selected.

Their indications are as follows:

LED	State	Description	
Power	ON	Power is applied to the unit	
Channel Status	BLUE	Channel source connected by USB	
	GREEN	Channel source connected by PS/2	
	RED	Channel source connected by Legacy Sun™ protocol	
	PINK	No channel source connected or channel source is powered OFF	
		Channel source protocol unknown or not detected yet	
FLASHING	Audio feed from this channel is muted		

### Additional functionality

Other features include:

- Switch or mix the stereo-audio outputs of the four hosted computers through the K4u+ to a single set of speakers
- Use the 'hot-plug' port for connecting un-hosted USB devices
- Manage a single Smart Card reader between up to four computers
- Use the MousePoint® system for changing channels
- Use SaverSync™ to keep all displays visible if there is activity on any channel
- Cascade multiple K4u+ switches to increase the number of available channels or allow channel sharing

All features are fully described the *K4u+ Manual*, available to download from the Amulet Hotkey resources website.

### TEMPEST switches available

TEMPEST level B versions of the K4u+ are available by special arrangement.

### Support for Thomson Reuters FXT keyboards

To use a Thomson Reuters FXT keyboard with a K4u+ switch requires special firmware that is available for download from our resources website.

Download the KnowledgeBase Article *KBA 116 - Approved solutions for the FXT application with K4u and K4u+* for details on how to set up an FXT system with the K4u+ switch. Available from the resources website.

### Amulet Hotkey DXZ4 zero clients

For details about the Amulet Hotkey DXZ4, see the *DXZ4 Series Zero Client Manual*, also available from the website.



#### WARNING

To reduce the risk of fire or electric shock:

- do not disassemble the unit;
- make sure the unit is powered off before you remove or install components;
- do not expose this appliance to rain and moisture;
- do not expose the appliance to dripping or splashing;
- do not place objects filled with liquids on or near the appliance.



#### CAUTION

- Apart from those mentioned in this guide, there are no user serviceable parts inside.
- Install in accordance with these instructions.
- Do not install near significant sources of heat.
- Ensure the product is properly earthed.
- Only use attachments and accessories approved by Amulet Hotkey.
- Clean the product only with a dry cloth.

### Technical Support

Europe: [eurosupport@amulethotkey.com](mailto:eurosupport@amulethotkey.com)  
 N America: [ussupport@amulethotkey.com](mailto:ussupport@amulethotkey.com)  
 S America: [latamsupport@amulethotkey.com](mailto:latamsupport@amulethotkey.com)  
 Asia Pacific: [apsupport@amulethotkey.com](mailto:apsupport@amulethotkey.com)

### More product documentation and downloads are available here

<http://resources.amulethotkey.com/resources>

Refer all servicing to qualified personnel.

For further information on this product, for other contact details, or for details of our other products, see our website [www.amulethotkey.com](http://www.amulethotkey.com).