DAXTEN®

THE BRAINS BEHIND
KVM SWITCHING & SHARING

SCOUTkvm

Installation guide

Specifications

Part Numbers

1014-02K	SCOUTkvm 2 Port Switch including 1.8m (6ft) cables
1014-04K	SCOUTkvm 4 Port Switch including 1.8m (6ft) cables
2095-02P	SCOUTkvm PS/2 cable 1.8m (6ft)
2095-03P	SCOUTkvm PS/2 cable 3.0m (10ft)
2095-05P	SCOUTkvm PS/2 cable 5.0m (15ft)
2095-07P	SCOUTkvm PS/2 cable 7.5m (25ft)
2095-10P	SCOUTkvm PS/2 cable 10m (30ft)
2141-01U	PS/2 to USB adapter
9014-00A	Optional Power Supply 5V DC

Physical Properties

	Height	Width	Depth	Unit Weight	Kit Weight
SCOUTkvm 2 port	2.5cm / 0.98”	15.7cm / 6.18”	6.0cm / 2.36”	0.15 kg	1.25 kg
SCOUTkvm 4 port	2.5cm / 0.98”	24.2cm / 9.35”	7.8cm / 3.07”	0.30 kg	2.25 kg

Operation and Storage parameters

Operating Temperature:	0~40° C (32 to 104° F)
Storage Temperature:	-20~60° C (-4 to 140° F)
Humidity:	0~80% RH non-condensing

Connections

Keyboard:	Mini Din 6 pin Female
Mouse:	Mini Din 6 pin Female
Monitor:	HD 15 pin Female
PC:	All in one D-Sub 15 pin Female (Keyboard, Video and Mouse)

NOTE: This equipment complies with the requirements of European EMC directive 89/336 EEC in respect of EN55022 Class B, EN 50082-1 and EN 60555-2.
This equipment has been found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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Revision 1.4

SCOUTkvm

Introduction

Thank you for purchasing the SCOUTkvm Switch. This product will ensure easy and accurate control over 2 - 4 PCs through a single console. The SCOUTkvm is compatible with PS/2 and USB* style computers. It has keyboard and mouse emulation for error free boot-ups and supports a wide variety of mice including the Microsoft Intellimouse. The SCOUTkvm supports high resolutions of up to 1920 x 1440 without any deterioration of the image quality. Switching between PCs can be accomplished in two ways: through keyboard Hot Key commands or by using the convenient front panel PC selection buttons.
*Optional adapter required for USB

Product Features

- Allows a user to control 2 - 4 computers from one console.
- Works with Windows 95/98/2000/ME/NT/XP and Linux.
- No drivers or additional software are required for operation.
- No external power supply required.
- Keyboard and mouse emulation allows for error free boot-up.
- The [CAPS LOCK], [SCROLL LOCK] and [NUM LOCK] status is stored for each computer.
- Supports Monitor resolutions of up to 1920 x 1440 @ 85Hz.
- Supports VGA, SVGA and MultiSync monitors.
- Select Push-button or keyboard Hot Key control.
- Comes with Auto-Scan mode for convenient automatic switching.
- Front panel status LEDs give a clear indication of the active PC.

Hardware Installation

Front Panel Layout (4 Port)

Rear Panel Layout (4 Port)

Installation

Before connecting your computers and console devices to the SCOUTkvm switch, please ensure that all devices are powered off. Connecting devices while powered on may lead to damage to your computers or the SCOUTkvm. Daxten cannot be held responsible for damage caused by connecting devices that are powered.

1. Place the SCOUTkvm switch in a convenient location; its small size makes it easy to place it on the desktop.

2. Connecting the console devices:
   - 2.1. Connect your monitor's HD 15-pin connector to the SCOUTkvm's Monitor 'CONSOLE' device on the rear panel.
   - 2.2. Connect your PS/2 keyboard to the PS/2 keyboard connector (purple) and your PS/2 mouse to the PS/2 mouse connector (green) on the rear panel of the SCOUTkvm.

3. Connecting the computers with PS/2 ports via the SCOUT KVM cable:
   - 3.1. Connect the DB 15-pin male connector to the next free PC port on the rear panel of the SCOUTkvm (labelled PC1, PC2…).
   - 3.2. Connect the blue HD 15-pin male connector to the VGA port on your computer.
   - 3.3. Connect the purple PS/2 (6-pin MiniDIN) keyboard connector to the PS/2 keyboard port on your computer. NOTE: for USB ports, please see Step 4
   - 3.4. Connect the green PS/2 (6-pin MiniDIN) mouse connector to the PS/2 mouse port on your computer. NOTE: for USB ports, please see Step 4

4. Connecting the computers with USB ports via the SCOUT KVM cable:
   - 4.1. Connect the DB 15-pin male connector to the next free PC port on the rear panel of the SCOUTkvm (labelled PC1, PC2…).
   - 4.2. Connect the blue HD 15-pin male connector to the VGA port on your computer.
   - 4.3. Connect the PS/2 keyboard connector (purple) to the Daxten PS/2 to USB adaptor.
   - 4.4. Connect the PS/2 mouse connector (green) to the Daxten PS/2 to USB adaptor.
   - 4.5. Connect the USB connector to a USB port on your computer.

5. Power up the computers. The computer connected to the first port will be shown on the monitor. You may check if the keyboard and mouse work after the system has booted up. If this is OK, use the Select button to select the following computers to verify keyboard and mouse functionality. If you find that the keyboard or mouse are not working correctly please verify that all cables are properly connected.

Using the SCOUTkvm

The SCOUTkvm provides two possibilities to select the desired computer. You may use either the Select button on the unit, or make use of the keyboard Hot Key commands.
You may notice that the mouse cannot be used for around 2 seconds when the SCOUTkvm switches to another computer. This is normal and is caused by the synchronization process which ensures that the mouse operates correctly.

Selection buttons

2 Port: Pressing the Select button on the front panel cycles through computers 1 ~ 2.
4 Port: Pressing the individual PC buttons will switch the signal to the desired computer.

Keyboard Hot Key commands

To send Hot Key commands to the SCOUTkvm switch, press and release Ctrl Ctrl within 2 seconds. Press a command key for the desired effect. The following commands are supported:

First Key	Second Key	Command Key	Command Result
Ctrl	Ctrl	1 , 2 , 3 or 4	Switches to the desired PC
Ctrl	Ctrl	↑	Switch to previous PC
Ctrl	Ctrl	↓	Switch to next PC
Ctrl	Ctrl	S	Auto-Scan mode ON
Ctrl	Ctrl	0	Auto-Scan mode OFF
Ctrl	Ctrl	S 0	Scan 8 Seconds (default)
Ctrl	Ctrl	S 1	Scan 15 Seconds
Ctrl	Ctrl	S 2	Scan 30 Seconds
Ctrl	Ctrl	S 3	Scan 60 Seconds

In Auto-Scan mode, the image shown on the monitor will automatically switch to the next computer. The delay is user definable (see Table above). After the last computer has been shown, the first computer will be shown again.

Note: In this mode there is no mouse or keyboard control.

Press any key to exit the Auto-Scan mode. The SCOUTkvm switch will stop at the last PC shown.

The Hot Key sequence can be changed if required. To change from the factory default of Ctrl Ctrl, please use the following sequence:
[OLD HOT KEY] [NEW HOT KEY]
for example: Ctrl Ctrl Scroll Lock Scroll Lock
New Hot Key: Scroll Lock Scroll Lock

The following combinations are available for Hot Keys:
Ctrl Ctrl **(default)** Alt Alt Scroll Lock Scroll Lock Shift Shift

Factory Reset

On the side of the SCOUTkvm there is a reset button, which will return all settings to the factory default.

Optional Power Supply

The optional Power Supply is only required on the rare instance where a PC does not provide the SCOUTkvm switch with enough power through the keyboard and mouse port. If you require an external power supply, please contact Daxten or an authorised reseller.

Service Information

Technical Support

If you cannot determine the nature of a problem, please call Daxten and ask for Technical Support. If possible, call from a phone located near the unit, as we may be able to solve your problem directly over the phone. If we cannot solve your problem, and determine that the fault is in the unit, we will issue a Return Material Authorisation (RMA) number that must appear on the outside of all returned products. The unit should be double-packed in the original container, insured, and shipped to the address given to you by our Technical Support representative. The Technical Support offices are found on the back of this manual.

Limited Warranty

Daxten warrants to the end user that this product is and will be free from defects in materials and workmanship for a period of 24 months from the date of purchase. If during the warranty period the product should fail, the purchaser must promptly call Daxten for a RETURN MATERIALS AUTHORIZATION (RMA) number. Make sure that the RMA number appears on the packing slip, proof of purchase, AND ON THE OUTSIDE OF EACH SHIPPING CARTON. Unauthorized returns or collect shipments will be refused.

Ship prepaid to the Daxten office (see back page) where you purchased your product. The above limited warranty is voided by occurrence of any of the following events, upon which the product is provided as is, with all faults, and with all disclaimers of warranty identified below:

1. If non-Daxten approved power supply or cabling is attached to the product.
2. If defect or malfunction was caused by abuse, mishandling, unauthorized repair, or use other than intended.
3. If unauthorized modifications were made to product.
4. If unreported damages occurred in any shipment of the product.
5. If damages were due to or caused by equipment or software not provided by Daxten.
6. If the product is used with non-grounded or incorrectly polarized AC power.
7. If the product is used in contradiction to any instruction provided by any User Guide or Instruction Sheet provided to you or with the product.

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Waste Electrical and Electronic Equipment (WEEE)

Within the European this symbol indicates that this product should not be disposed in household waste. It should be deposited at an appropriate facility to enable recovery and recycling. For information on how to recycle this product, please check with the reseller of the product that replaces this product "Take Back" or the original seller of this product.

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