



**SCOUT 8
SCOUT 16**

8 / 16 Port KVM Switch

Installation guide

Specifications

Part Numbers:

1014-108P SCOUT 8 – 8 Port KVM Switch.
1014-116P SCOUT 16 – 16 Port KVM Switch

Optional Cables:

2085-02P SCOUT combi Cable 1.8m
2085-03P SCOUT combi Cable 3.0m
2085-05P SCOUT combi Cable 5.0m
2085-07P SCOUT combi Cable 7.5m
2085-10P SCOUT combi Cable 10.0 m
2141-01U PS/2-USB Adaptor

Package Contents:

1014-108P	1014-116P
1 x SCOUT 8	1 x SCOUT 16
1 x Power Adaptor	1 x Power Adaptor
1 x Daisy Chain Cable 1.8m	1 x Daisy Chain Cable 1.8m
1 x Rackmount Kit (19")	1 x Rackmount Kit (19")

Physical Properties

	Height	Width	Depth	Weight
1014-108P	4.45 cm	41 cm	16.5 cm	2.2 kg
1014-116P	8.60 cm	41 cm	16.5 cm	3.5 kg

Connections

	1014-108P	1014-116P
Console Port	1 x HD15 – VGA 1 x PS/2 – Keyboard 1 x PS/2 – Mouse	1 x HD15 – VGA 1 x PS/2 – Keyboard 1 x PS/2 – Mouse
Computer Ports	8 x HD15 – VGA 8 x PS/2 – Keyboard 8 x PS/2 – Mouse	16 x HD15 – VGA 16 x PS/2 – Keyboard 16 x PS/2 – Mouse
Daisy Chain Port	1 x HD15 – VGA 1 x PS/2 – Keyboard 1 x PS/2 – Mouse	1 x HD15 – VGA 1 x PS/2 – Keyboard 1 x PS/2 – Mouse
Power	1 x DC Input	1 x DC Input

Power:	Max Resolution:	Bandwidth:
DC 9V 1A	1920 x 1440	200MHz

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Revision 1.1



SCOUT 8 & SCOUT 16

Introduction

Thank you for purchasing the SCOUT 8 / SCOUT 16, KVM Switch. This product will ensure easy and accurate control over your PCs through a single console. The SCOUT is compatible with PS/2 style computers. It has keyboard and mouse emulation for error free boot-ups and supports a wide variety of mice. The SCOUT supports high resolutions of up to 1920 x 1440 without any deterioration of the image quality. Switching between PCs can be accomplished in three ways: through keyboard Hot Key commands, by using the convenient front panel selection buttons or through the OSD (On-Screen-Display).

Product Features

- 8 or 16 port SCOUT Switch with On-Screen-Display - OSD
- PS/2 connectors for Keyboard and Mouse
- 15 pin VGA connector
- Cascadable up to 256 Computers
- 19" Rack-mount-kit included
- Switching by front-panel push buttons, OSD or hotkeys
- LED indicators
- Resolution up to 1920 x 1440 @ 85 Hz
- Comes with Auto-Scan mode for convenient automatic switching.
- Front panel status LEDs give a clear indication of the active PC.
- Optional PS/2 to USB adaptor for USB Computers (2141-01U)

Hardware Installation

Installation

1. Before connecting your computers and console devices to the SCOUT switch, please ensure that all devices are powered off. Connecting devices while powered on may lead to damage to your computers or the SCOUT switch. Daxten cannot be held responsible for damage caused by connecting devices that are powered.
2. Connect your keyboard, monitor and mouse to the console connectors on the rear of your SCOUT switch.
3. Connect each computer system to the SCOUT Switch.
4. Power on the SCOUT Switch by attaching the power adapter cord.

Daisy-chain Multiple SCOUT Switches

1. Make sure your SCOUT Switch, your PCs and peripherals are all in powered-off state. If not, turn the power off for the SCOUT Switch, PCs and peripherals.
2. Connect the shared keyboard, PS/2 mouse and monitor to the console connectors on the rear of the master (first) SCOUT Switch.
3. Connect the power adapter cord to power on the master SCOUT Switch.
4. Use a daisy-chain cable to connect the daisy-chain port (labelled daisy-chain in) of the master switch to the console port of the second switch. Then connect the power cord to power on the second SCOUT Switch.
5. If you are cascading more SCOUT switches, just repeat step 4.
6. Connect each computer system (still in powered-off state) in turn with your Combi CPU Cable. Then power on each computer.
7. After you have set up and powered up the daisy-chain connection of the SCOUT Switches, you have to perform a first-time initialization for all the switches either by pressing and holding down Button 1 on the master switch for at least 2 seconds, or using the hotkey sequence: **Scroll Lock** **Scroll Lock** **End** for daisy-chain initialization.

Reset

The SCOUT Switch can be reset without disconnecting or powering down your computers either by pressing down Button 1 on the front panel for 2 seconds, or with the hotkey sequence **Scroll Lock** **Scroll Lock** **End**

Note: Each keystroke should be followed by its next keystroke within 2 seconds!

Note: After you have set up cascaded SCOUT Switches, and you want to initialize this setup for the first time, you should perform the reset on the first (master) switch (that is, the first bank) to initialize. Also remember to turn on all the other switches on the daisy-chain. The reason is that the first (master) switch will send message to the slave units. If the slave units are not there to receive and respond to this reset message, system errors will occur. If you want a reset later during your operation, you can do on the SCOUT's other than the master unit.

Keyboard Hot Key commands

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

First Key	Second Key	Command Key	Command Result
Scroll Lock	Scroll Lock	2 digit bank number + 2 digit port number	Switches to the desired PC
Scroll Lock	Scroll Lock	↑	Switch to previous PC
Scroll Lock	Scroll Lock	↓	Switch to next PC
Scroll Lock	Scroll Lock	Page Up	Next lower unit (bank)
Scroll Lock	Scroll Lock	Page Down	Next higher unit (bank)
Scroll Lock	Scroll Lock	B	Sound ON/OFF for Auto-Scan
Scroll Lock	Scroll Lock	S	Auto-Scan ON
		any key	Stop Auto Scan
Scroll Lock	Scroll Lock	R	Refresh EEPROM
Scroll Lock	Scroll Lock	F	Find PC by Name
Scroll Lock	Scroll Lock	Space Bar	Displays OSD
Scroll Lock	Scroll Lock	End	Reset KVM

In Auto-Scan mode, the image shown on the monitor will automatically switch to the next computer. After the last computer has been shown, the first computer will be shown again.

Note: In Auto Scan mode there is no mouse or keyboard control. Press any key to exit the Auto-Scan mode. The SCOUT switch will stop at the last PC shown

Selection buttons

Pressing the individual PC buttons on the front of the SCOUT will switch the signal to the desired computer.

OSD (On-Screen-Display)

To access the OSD, press the Hot Key **Scroll Lock** **Scroll Lock** **Space Bar**.

OSD (On Screen Display) is a menu that is superimposed on your screen. On the OSD Menu, you will have a listing of the available units (banks) and channels for selection and the currently online status of each channel. You can use it to control the SCOUT Switch with more convenient and intuitive menu-driven operation. The OSD menu also allows you to rename your computer (up to 9 characters), and to find the specific computer by its name. It also allows you to password-protect your SCOUT Switch system. Use the left, right, up, down cursor keys to navigate. Use **Enter** / **Insert** key to select and edit.

Change PC name

Navigate to the PC Name you want to change, and then press Enter or Insert key for editing a new PC name. When done, press Enter to validate the new name.

Autoscan Delay Time

Use cursor keys to navigate to the SCAN option on the OSD Menu, and then hit **Enter** to select and edit the auto scan delay time. The Autoscan Delay Time is default to 10 seconds. The autoscan delay time could be specified within the range of 5 seconds to 99 seconds by an increment of 1 second. Users can adjust the scan delay time according to their needs.

OSD Remain Time

Use cursor keys to navigate to the OSD option on the OSD Menu, and then hit Enter to select and edit the OSD Remain time. The OSD Remain Time is defaulted to 10 seconds. The OSD time can be specified within the range of 5 seconds to 99 seconds in increments of 1 second. You can adjust this parameter to your needs.

Password Configuration

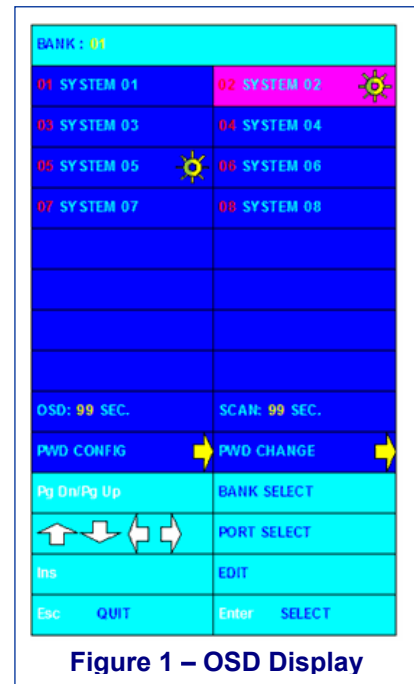
Navigate with cursor keys downwards to the PWD CONFIG option and then hit **Enter** key or **Insert** key to select. Follow the submenu to Enable or Disable the Password Protection. Every time you want to change the password configuration, you will be prompted for the password. You have to type in the correct password to validate the change. The password can be up to 8 characters long and defaults to 00000000. You can change the default password with your own password with the PWD CHANGE option.

The Password Configuration (PWD CONFIG) function defaults to “No password protection”. When password protection is enabled, then every time the SCOUT Switch is reset, it will prompt the next user for a password. This feature will provide security to the local KVM console preventing unauthorised access or accidental tempering of your computers by unauthorized persons. If you are concerned about security of the KVM console, you should have the password protection enabled with this OSD option. The next time you leave the KVM console, press the reset hotkey sequence: **Scroll Lock** **Scroll Lock** **End** (or by pressing the last button for over 2 seconds). The SCOUT Switch will reset and next user will be asked for the correct password to gain access to KVM operation.

Note: The Default password is 00000000

Password Change

Navigate with cursor keys downward to the PWD CHANGE option and then hit **Enter** key or **Insert** key to select. A Prompt will appear on screen to request for old password. Type in the old password and a new prompt will appear to request for your new password. Type in the new password and press **Enter** for confirmation. The password length is up to 8 characters long.



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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