

# KVM SWITCH QUICK INSTALL GUIDE

MODELS 150101  
& 150118

*2-Port, Model 150101*



*4-Port, Model 150118*





# INTRODUCTION

Thank you for purchasing this INTELLINET NETWORK SOLUTIONS™ KVM Switch, Model 150101 (2-Port) or Model 150118 (4-Port).

This compact and convenient switch allows you to access, control, boot and reboot multiple PS/2-enabled multimedia computers with only one PS/2 keyboard, mouse, monitor and optional speaker set and microphone.

The audio and microphone switching function allows you to leverage the multimedia systems on each of your computers: You can monitor the audio/mic input/output of each computer without the need to unplug and re-attach the audio/mic cables.

Easy-to-follow instructions in this guide help make installation of the switch quick and simple, so you'll also soon be enjoying the benefits of these additional features:

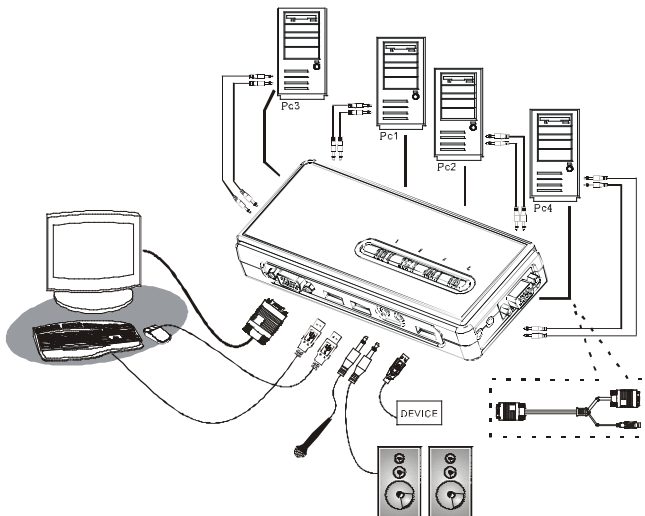
- Hot-plugging PCs for maintenance without powering down the KVM Switch or PCs
- Channel selection via push buttons, user-definable keyboard hotkeys
- Supports resolutions up to 2048 x 1536 pixels
- No external power adapter required
- Includes two connection cables for computer connection
- Includes two connection cables for speaker and microphone
- Lifetime Warranty

## Package Contents

- KVM Switch
- Quick installation guide
- PC and audio connection cables

# INSTALLATION

1. Make sure all the computers that are to be connected to the KVM Switch — and their peripherals — are turned off; otherwise, shared items may not be recognized properly.
2. Connect the shared PS/2 keyboard, mouse and, if used, speaker set and microphone to the switch.
3. Connect each of the computers to the KVM switch, using the included cables.
4. Turn the power on to each of the connected computers one by one. Since the KVM Switch receives power from the computer's PS/2 interface, it's powered up when you connect it to a PC and then turn on the PC. Once the connected system has power, the keyboard and mouse will be recognized, and you can begin operating the KVM switch.



# OPERATION

There are two ways to control PC switching: using the face-panel push buttons or a hotkey sequence. (For audio/mic switching, use the hotkey command as listed on the Quick Reference Chart.)

## Face-Panel Buttons

The face-panel buttons (on top of the device) allow you direct control over PC port switching: Simply press a button to switch to the corresponding PC port. By default, PC port switching and audio/mic port switching are bound together (both will be switched simultaneously). To disable the binding, hit ScrLk + ScrLk + W on the keyboard. To re-enable the binding of PC and audio/mic port switching, use the hotkey sequence ScrLk + ScrLk + Q.

## Keyboard Hotkeys

A keyboard hotkey sequence consists of at least three specific keystrokes: ScrLk + ScrLk + Command key(s). **NOTE:** The two consecutive ScrLk keystrokes and the command key or keys that follow need to be pressed within 2 seconds of each other; otherwise, the hotkey sequence won't be validated.

To use a preceding sequence other than two consecutive Scroll Locks, there are two options:

### Option 1

- Hit ScrLk + ScrLk + H or press and hold down the last front-panel button (Button 2 or Button 4) for more than 8 seconds.
- Press the key you would like to use as your preceding sequence (SCROLL LOCK, CAPS, ESC, F12 and NUM LOCK keys are your choices). Now you can use the new preceding sequence to execute your hotkey commands.

### Option 2

- Press the last front-panel button (Button 2 or Button 4) for more than 3 seconds.
- Press the key you would like to use as the preceding sequence.

# QUICK REFERENCE CHART

COMMAND	HOTKEYS	FACE-PANEL BUTTONS	DESCRIPTION
SELECT PC CHANNEL	SCRUK+SCRUK+(X) (X = A-TOP-ROW NUMBER KEY; 1-2 OR 1-4)	PRESS CORRESPONDING BUTTON TO SWITCH TO THAT PC CHANNEL.	SELECT THE ACTIVE PC CHANNEL. (JOINT-SELECT PC & AUDIO/MIC PORT, IF BINDING IS ENABLED.)
NEXT AUDIO/MIC CHANNEL	SCRUK+SCRUK+(FX) (FX = FUNCTION KEY)	—	SELECT THE ACTIVE AUDIO/MIC CHANNEL. (JOINT-SELECT PC & AUDIO/MIC PORT, IF BINDING IS ENABLED.)
BIND PC & AUDIO/ MIC SWITCHING	SCRUK+SCRUK+Q	—	ENABLE THE BINDING OF PC AND AUDIO/MIC SWITCHING. (ONCE THIS FEATURE IS ENABLED, PC AND AUDIO/MIC SWITCHING IS BOUND TOGETHER.) [FACTORY DEFAULT].
UNBIND PC & AUDIO/ MIC SWITCHING	SCRUK+SCRUK+W	—	DISABLE THE BINDING OF PC AND AUDIO/MIC SWITCHING.
NEXT LOWER PC CHANNEL	SCRUK+SCRUK+UP ARROW BUTTON.	PRESS CORRESPONDING BUTTON.	SELECT THE NEXT LOWER PC CHANNEL. (JOINT-SELECT PC & AUDIO/MIC PORT, IF BINDING IS ENABLED.)
NEXT HIGHER PC CHANNEL	SCRUK+SCRUK+DOWN ARROW BUTTON.	PRESS CORRESPONDING BUTTON.	SELECT THE NEXT HIGHER PC CHANNEL. (JOINT-SELECT PC & AUDIO/MIC PORT, IF BINDING IS ENABLED.)
PREVIOUS PC CHANNEL	SCRUK+SCRUK+BACKSPACE	—	TOGGLE BETWEEN THE PREVIOUS CHANNEL AND CURRENT CHANNEL.
DEFINE HOTKEY PRECEDING SEQUENCE	SCRUK+SCRUK+H+(Y) (Y = SCROLL LOCK, CAPS, ESC, F12 OR NUM LOCK)	PRESS BUTTON 2 OR 4 FOR MORE THAN 2 SECONDS, THEN PRESS (Y).	SELECT THE HOTKEY PRECEDING SEQUENCE FROM AMONG 5 ALTERNATIVE KEYS.
CONSOLE MOUSE/ KEYBOARD RESET	SCRUK+SCRUK+END	—	RESET THE KEYBOARD AND MOUSE ON THE CONSOLE SIDE.
AUTOSCAN	SCRUK+SCRUK+S	—	AUTOSCAN THROUGH EVERY CONNECTED CHANNEL FOR QUICK SCREEN BROWSING OF EACH CHANNEL (SCAN DELAY = 5 SECONDS).
AUTOSCAN WITH PROGRAMMABLE DELAY TIME	SCRUK+SCRUK+S+(X) (X = 0-9, REPRESENTING 10-SEC. INCREMENTS; 1 = 10 SEC.; 2 = 20 SEC, ETC.; 0 = 100 SEC.)	—	AUTOSCAN WITH A USER-DEFINED DELAY TIME WITHIN A RANGE OF 5-100 SECONDS.
STOP AUTOSCAN	ANY KEY	PRESS ANY BUTTON.	TERMINATE AUTOSCAN ACTIVITY.

**NOTES:**

- Note that (X) denotes a number key for the selected port number (X = 1-2). You can use either the top row number keys or the number pad for the hotkey commands.
- When the binding of PC & Audio/Mic port switching is enabled by the hotkey sequence: ScrLk + ScrLk + Q, any PC and Audio/Mic switching are bound together. To remove this binding, hit ScrLk + ScrLk + W.

**Hotkey convention:** The hotkey notation ScrLk + ScrLk + (key), denotes that you should hit the individual keys consecutively one at a time, not simultaneously.

**Mouse Troubleshooting:** If your mouse hangs up or behaves abnormally, you can hit the following hotkey commands for mouse reset.

- When you are using a PHP OS such as Windows 98SE or later Windows operating systems such as 2000 or XP or Vista, hit ScrLk + ScrLk + End for mouse reset.
- When you are using a non-PHP OS such as Linux, NT4.0, etc., just hit one of the following hotkey commands for mouse reset according to your mouse configuration on the non-PHP OS:  
ScrLk + ScrLk + M + 1 for a 2-key mouse setting; ScrLk + ScrLk + M + 2 for a 3-key wheel mouse setting; ScrLk + ScrLk + M + 3 for a 5-key wheel mouse setting.

# SPECIFICATIONS

## Model 150101, 2-Port

### Standards

- PS/2

### General

- PC connections: 2
- Console connections: 1
- PC port connectors:
  - 2 x PS/2 (keyboard, mouse)
  - 2 x HD15 M (video)
  - 2 x USB mini B (audio, for use with included USB mini to 3.5 mm cable)
- Console port connectors:
  - Keyboard: PS/2
  - Mouse: PS/2
  - Monitor: HD15 female
- Audio connectors:
  - 3.5 mm jack (microphone)
  - 3.5 mm jack (speaker)
- Computer selection: via buttons; hotkeys
- Video resolution: max. 2048 x 1536
- Video bandwidth: max. 350 MHz
- FCC Class B, CE, RoHS

### LEDs

- 1 LED per channel

### Power

- PS/2 interface powered

### Environmental

- Plastic housing
- Dimensions: 96 (L) x 61 (W) x 24 (H) mm (3.8 x 2.4 x 0.9 in.)
- Weight: 0.7 kg (1.59 lbs.)
- Operating temperature: 0 – 40°C (32 – 104°F)
- Operating humidity: 0 – 90% RH, non-condensing
- Storage temperature: -20 – 60°C (-4 – 140°F)

## Model 150118, 4-Port

### Standards

- PS/2

### General

- PC connections: 4
- Console connections: 1
- PC port connectors:
  - 4 x PS/2 (keyboard, mouse)
  - 4 x HD15 male (video) through 4 2-in-1 connection cables
  - 4 x 3.5 mm audio jacks (for mic & speaker soundcard connection) through dual-jack audio cables
- Console port connectors:
  - 2 x PS/2 (keyboard, mouse)
  - HD15 female (video)
- Audio Connectors:
  - 3.5 mm jack (console mic input)
  - 3.5 mm jack (console speaker output)
  - 4 x 3.5 mm jack (mic for PC ports)
  - 4 x 3.5 mm jack (speaker for PC ports)
- Computer selection: via buttons; hotkeys
- Video resolution: max. 2048 x 1536
- Video bandwidth: max. 350 MHz
- FCC Class B, CE, RoHS

### LEDs

- 1 LED per channel

### Power

- PS/2 interface powered

### Environmental

- Plastic housing
- Dimensions: 164 (L) x 72 (W) x 26 (H) mm (0.5 x 2.8 x 1.0 in.)
- Weight: 0.7 kg (1.59 lbs.)
- Operating temp.: 0 – 40°C (32 – 104°F)
- Operating humidity: 0 – 90% RH, non-condensing
- Storage temp.: -20 – 60°C (-4 – 140°F)



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