



4/8-PORT MINI-MATRIX

Optimize user experience when working with multiple computers. View and control several computers at the same time whilst effortlessly sharing keyboard, video, mouse, audio and USB devices.



The Mini-Matrix KVM switch offered by HSL provides increased productivity in challenging multi-computer

environments where users are required to view and interact with several computers simultaneously.

MINI-MATRIX HIGHLIGHTS

The ideal KVM switch for meeting rooms and control centers

Best suites scenarios where one or more computers have to be presented at the same time on multiple displays. For example: In control centers where information from several sources has to be constantly displayed in real-time. In meeting rooms where both visitor and host computers are to be viewed and controlled simultaneously.



Independently switch the Video/USB/Audio/Keyboard & Mouse ports between computers

Use the front-panel push buttons to independently switch the Video/USB/Audio/Keyboard & Mouse ports between the primary and secondary computers. Useful for various scenarios, for instance:

- When a USB disk on key must remain mapped to a certain computer while the keyboard, video, mouse and audio are switched to another computer.
- When a user has to listen to audio originating from one computer while working on another computer.



Smoothly switch between computers (Virtual Display Technology)

Automatically switch control from one computer to another by dragging the mouse cursor over the computer's display border. Peripherals switch to the next computer without having to press any buttons once the mouse is passing the display border.



Express USB Charging

Rapidly charge USB devices connected to the KVM high-power USB port.



Copy & Paste

Transfer text and files between all the computers that are connected to the KVM through the KVM (no network connection is needed between parties). Use standard copy and paste keyboard key combinations (CTRL+C / CTRL+V) or mouse context-menu commands to transfer data between computers that are connected to the KVM.



Save valuable desk space

Allow users that work in space-restricted environments to interact with multiple computers in spite of having limited desk space.



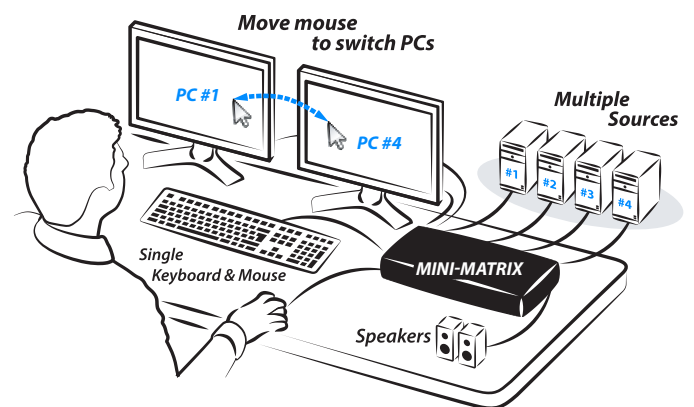
Support various display layouts

Align displays vertically (on top)/ Horizontally (along side)...etc). Associate the mouse cursor with each computer based on its respective display position.



View applications in Ultra High Definition (UHD) 4K video quality

Never compromise on video quality. Run graphic-intensive, ultrahigh definition applications on all single and dual monitor KVM models.



HSL 4-Port Mini-Matrix System Diagram



SX42DU-N



SX42HU-N



SX42PHU-N



SX82DU-N



SX82PHU-N

OPERATIONAL HIGHLIGHTS

Work simultaneously on two computers, view the extended screens of all computers



Connect four/eight computers and two displays to the Mini-Matrix. Select which computer to present on each of the two attached displays. Displays can be positioned in various layouts (Horizontal / Vertical / Custom). Duplicate the screen of any computer by presenting it on both Mini-Matrix displays at the same time. Extend the screen of any computer to an additional external displays.

Super Speed USB 3.0 Ports

Transfer data and files between peripherals and computers in USB 3.0 Super Speed rates through the KVM USB 3.0 ports.



Reduce costs

Use a single set of peripherals with multiple computers. Obviate the need for purchasing and installing dedicated, per-computer peripheral sets.



SPECIFICATION

PART NUMBER	SX42DU-N	SX42HU-N	SX42PHU-N	SX82DU-N	SX82PHU-N
No. of Sources	4	4	4	8	8
CONSOLE PORTS					
Displays	2 x DVI-D, single-link/dual-link	2 x HDMI 1.4	2 x DP/HDMI	2 x DVI-D, single-link/dual-link	2 x DP/HDMI
Max Output Resolution	UHD 4K - 3840X2160 @ 30 Hz (via DVI to HDMI cable) DVI dual-link - 2560X1600 @ 60 Hz (via DVI cable)	Supporting UHD 4K resolutions up to 3840x2160	Supporting UHD 4K resolutions up to 3840x2160	UHD 4K - 3840X2160 @ 30 Hz (via DVI to HDMI cable) DVI dual-link - 2560X1600 @ 60 Hz (via DVI cable)	Supporting UHD 4K resolutions up to 3840x2160
Mouse and Keyboard	USB Type A	USB Type A	USB Type A	USB Type A	USB Type A
Audio Jack	3.5 mm Jack	3.5 mm Jack	3.5 mm Jack	3.5 mm Jack	3.5 mm Jack
Microphone Jack	3.5 mm Jack	3.5 mm Jack	3.5 mm Jack	N/A	N/A
USB 3.0 Port	4 x USB Type A	4 x USB Type A	4 x USB Type A	3 x USB Type A	3 x USB Type A
COMPUTER PORTS					
Display Type	1 x DVI-D, single-link/dual-link	1 x HDMI 1.4	2 x DP/HDMI	1 x DVI-D, single-link/dual-link	2 x DP/HDMI
Max Input Resolution	1920 x 1200	1920 x 1200	1920 x 1200	1920 x 1200	1920 x 1200
Mouse and Keyboard	USB Type B	USB Type B	USB Type B	USB Type B	USB Type B
Audio Jack	3.5 mm Jack	3.5 mm Jack	3.5 mm Jack	3.5 mm Jack	3.5 mm Jack
Microphone Jack	3.5 mm Jack	3.5 mm Jack	3.5 mm Jack	N/A	N/A
USB 3.0 Port	USB Type B	USB Type B	USB Type B	USB Type B	USB Type B
PHYSICAL					
Dimensions	342 x 148 x 42 mm / 13.7 x 5.8 x 1.7 inches			440 x 192 x 48 mm / 17.3 x 7.5 x 1.9 inches	
Weight	1.3 kg (2.8 lbs)			2.6 kg (5.7 lbs)	
POWER					
PWR Requirements	35W Max				
AC Input	100 to 240V AC				
Power Type	Internal				
ENVIRONMENTAL					
Operating Temp.	32° to 104° F (0° to 40° C)				
Storage Temp.	-4° to 140° F (-20° to 60° C)				
Humidity	0-80% RH, non-condensing				
SOFTWARE					
Supported OS	Windows, Linux, Mac				
CERTIFICATION					
Product Cert.	CE, RCM, FCC class B, VCCI, TUV US, TUV Canada				
GENERAL INFO					
Made In	ISRAEL				
Product life-cycle	10 years				
Warranty	2 Years				