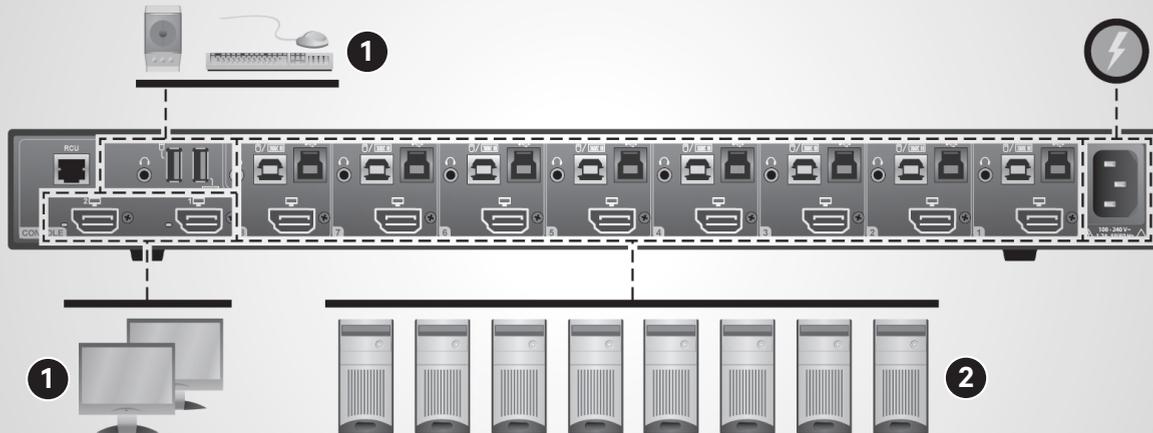# AVOCENT® SV SERIES SWITCHES
SVM100DPH DESKTOP MATRIX
Quick Installation Guide

VERTIV™

Avocent® SVM180DPH Desktop Matrix Switch Shown

1. Connecting local peripherals

Ensure all computers and displays are turned off.

Plug the display cables into the CONSOLE primary (1) and secondary (2) display ports on the back of the switch. The switch uses a combination DisplayPort (DP) and HDMI connector to enable either video format to be used as input or output.

Plug the USB keyboard and mouse and audio cables into the appropriate CONSOLE ports on the back of the switch.

If desired, connect the Cybex™ Active Front Panel (AFP) KVM remote unit to the RCU port to control your switch remotely. Contact your Vertiv representative for more information.

2. Connecting each computer

Connect a USB cable from each computer to the keyboard/mouse USB Type-B port on the switch.

Plug the display cable from the corresponding computer into the appropriate port on the switch.

If applicable, connect audio from your computer to your switch and connect a USB 3.0 cable from the computer to the USB 3.0 Type-B port on the switch. Repeat for all computers.

3. Turning on the displays, switch and computers

NOTE: *Installation of local peripherals to the switch console must occur prior to powering up the switch.*

Turn power on to the connected displays.

Using an appropriate wall-socket adaptor, plug the provided power adaptor or cable into the switch, and plug the other end into a wall outlet.

The video diagnostic LED indicates the Extended Display Identification Data (EDID) information has been successfully read from the display and stored in memory. The EDID is only read in the first few seconds after the switch is powered on.
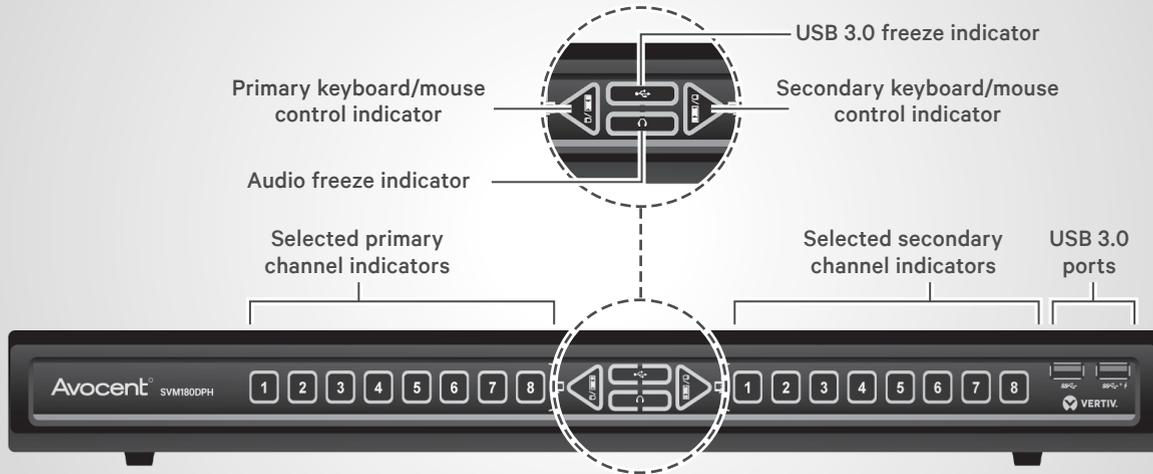
- Off - no EDID detected
- Blinking - reading EDID
- On - EDID received

NOTE: *Vertiv recommends using displays with the same native resolution. However, if you are using different resolution displays, connect the lower native resolution display to console video port 1. EDID is only read from console video port 1 in the first few seconds after the switch is turned on. Hot-plugging or swapping displays while the switch is on is not supported. To change a display, power cycle the KVM switch.*

Turn on the computers. Ensure the peripherals for each computer are connected and working properly. Repeat for all computers.

Front Panel Avocent® SVM180DPH Desktop Matrix Switch Shown

USB 3.0 freeze indicator

Primary keyboard/mouse control indicator

Secondary keyboard/mouse control indicator

Audio freeze indicator

Selected primary channel indicators

Selected secondary channel indicators

USB 3.0 ports

4. Switching between computers

Press the appropriate front panel buttons on the switch to select a computer for the primary and secondary displays. The buttons of the selected computers illuminate.

Keyboard/mouse, audio and USB 3.0 focus can be switched between the primary and secondary computer with the center control buttons.

Cursor navigation switching, enabled by default, switches keyboard/mouse focus between the primary and secondary displays by moving the mouse across the display edge.

Cables

Use Vertiv cable kits with your switch to ensure optimal security and performance.

Contact a Vertiv representative for ordering details.