QUICK-START GUIDE

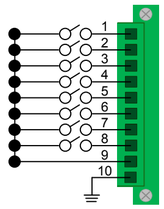
As used with *Thinklogical's*® Velocitykvm-24DH Dual Data Port/HID Fiber Extension System

Complete steps 1 through 8 to connect your ***Thinklogical VX80 Router KVM Matrix Switch***

router VX80 KVM Matrix Switch

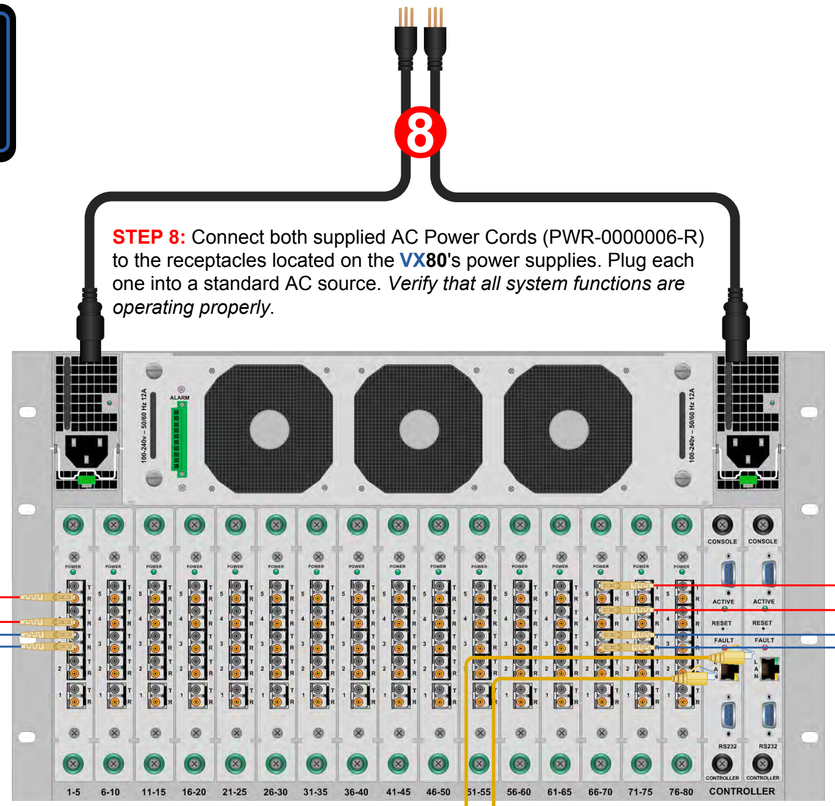
Powered by MRTS Technology

The VX80 Router Critical Hardware Alarms: (Located at the top, left rear of the unit.)

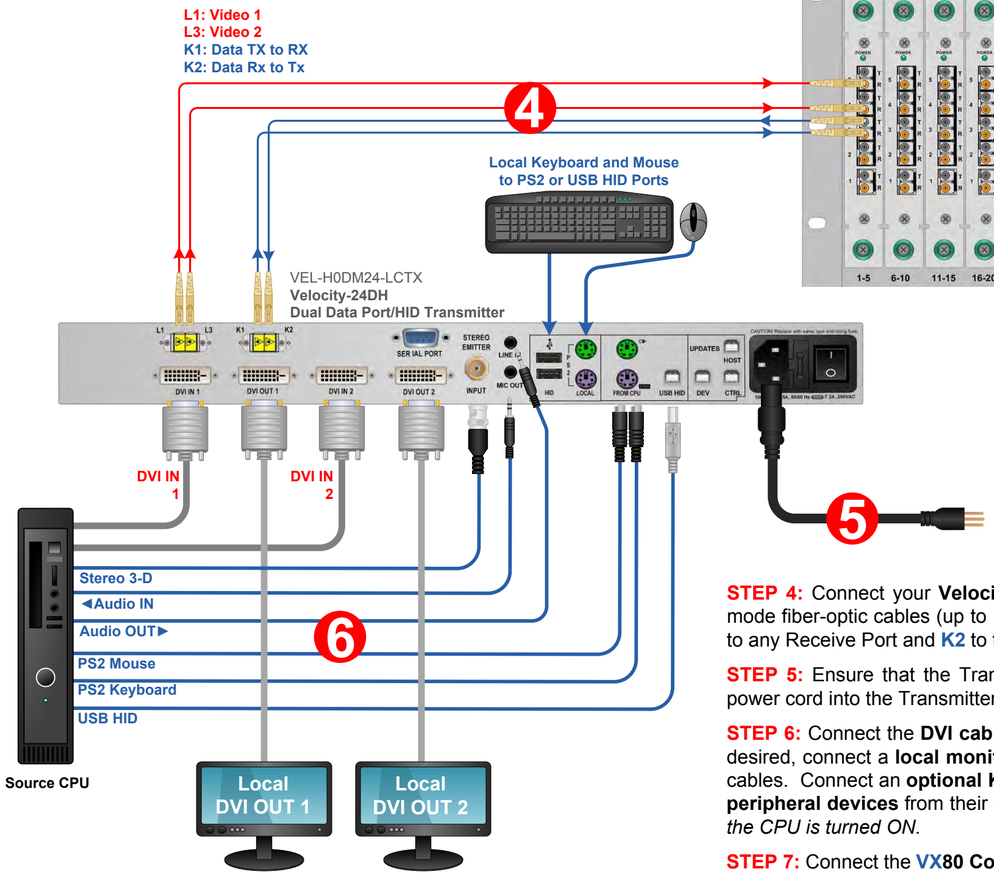


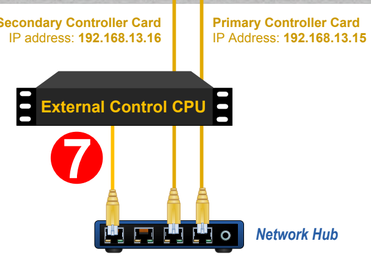
POWER SUPPLY 1 (LEFT): *Fan failure, temperature spikes, DC voltage and/or current out of range, AC power input interruption and module removed*
POWER SUPPLY 2 (RIGHT): *Fan failure, temperature spikes, DC voltage and/or current out of range, AC power input interruption and module removed*
FANS: *Individual fan monitoring*
TEMPERATURE WARNING: *Chassis over temperature, multiple sensors*
TEMPERATURE SHUTDOWN: *Chassis over temperature causing shutdown*
CPU: *Card failure (Only with a redundant card)*
INPUT/OUTPUT CARDS: *SFP+ failure, laser output fault*
ANY OF THE ABOVE
COMMON
GROUND

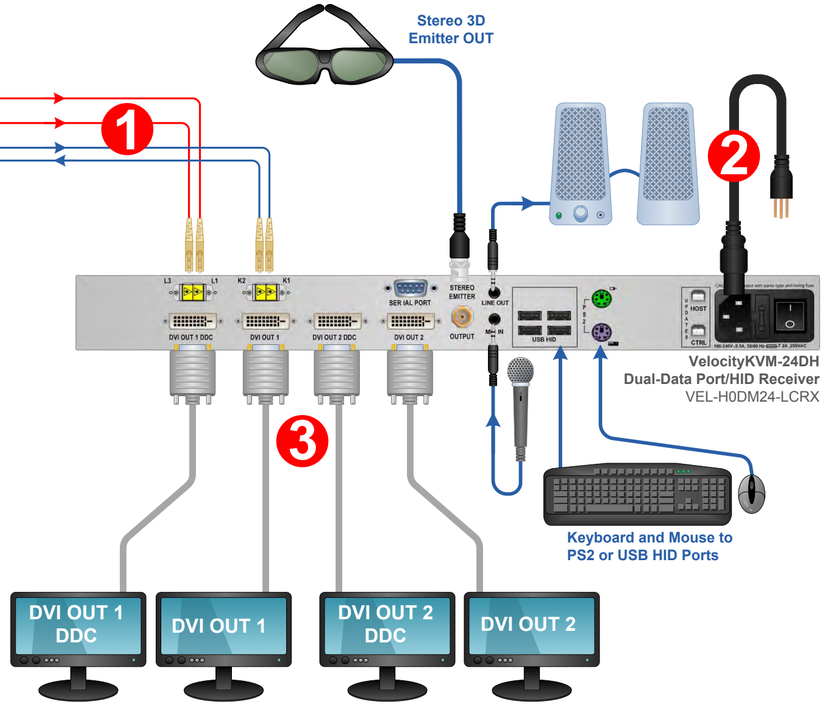
Thinklogical's **VX80 KVM Matrix Switch** features redundant Power Supplies and Controller Modules for uninterrupted performance, even during system reconfiguration, updates or debug. The **VX80** remains fully functional with only one Power Supply installed or with one Controller activated.
NOTE: *When using a single Controller, the module on the left (Primary) must be used.*



STEP 8: Connect both supplied AC Power Cords (PWR-0000006-R) to the receptacles located on the **VX80**'s power supplies. Plug each one into a standard AC source. *Verify that all system functions are operating properly.*







STEP 1: Connect your **VelocityKVM-24DH Dual Data Port Receiver** to the **VX80** using multi-mode fiber-optic cables (up to 1000 meters). Connect **L1** and **L3** to any Transmit Ports. Connect **K1** to any Transmit Port and **K2** to the same numbered Receive Port.

STEP 2: Ensure that the Receiver's **ON/OFF switch** is in the OFF (0) position. Insert the AC power cord into the Receiver and plug it into a standard AC source. Turn the unit ON.

STEP 3: Depending on your configuration, connect your **desktop devices** (monitors, keyboard, mouse, stereo 3D, etc.) to the Receiver using standard cables as shown in the examples below. Turn all the devices ON.

STEP 4: Connect your **VelocityKVM-24DH Dual Data Port Transmitter** to the **VX80** using multi-mode fiber-optic cables (up to 1000 meters). Connect **L1** and **L3** to any Receive Ports. Connect **K1** to any Receive Port and **K2** to the same numbered Transmit Port.

STEP 5: Ensure that the Transmitter's **ON/OFF switch** is in the OFF (0) position. Insert the AC power cord into the Transmitter and plug it into a standard AC source. Turn the unit ON.

STEP 6: Connect the **DVI cables** from the Source CPU to the Transmitter's DVI IN 1 and 2 Ports. If desired, connect a **local monitor** to each of the Transmitter's two DVI OUT ports with standard DVI cables. Connect an **optional Keyboard & Mouse** to the local USB HID or PS2 Ports. Connect your **peripheral devices** from their source to the Transmitter Inputs with standard copper cables. *Ensure the CPU is turned ON.*

STEP 7: Connect the **VX80 Controller Cards'** LAN Ports to your Controller CPU with CAT5 cables. (CPU IP address: **192.168.13.9)**

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