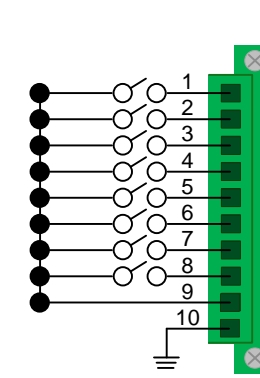


# QUICK-START GUIDE

As used with *Thinklogical's™ Velocitydvi-6AV+ and the Velocitykvm-28 Video Extension Systems*

# router VX40 KVM Matrix Switch

Powered by  
MRTS Technology

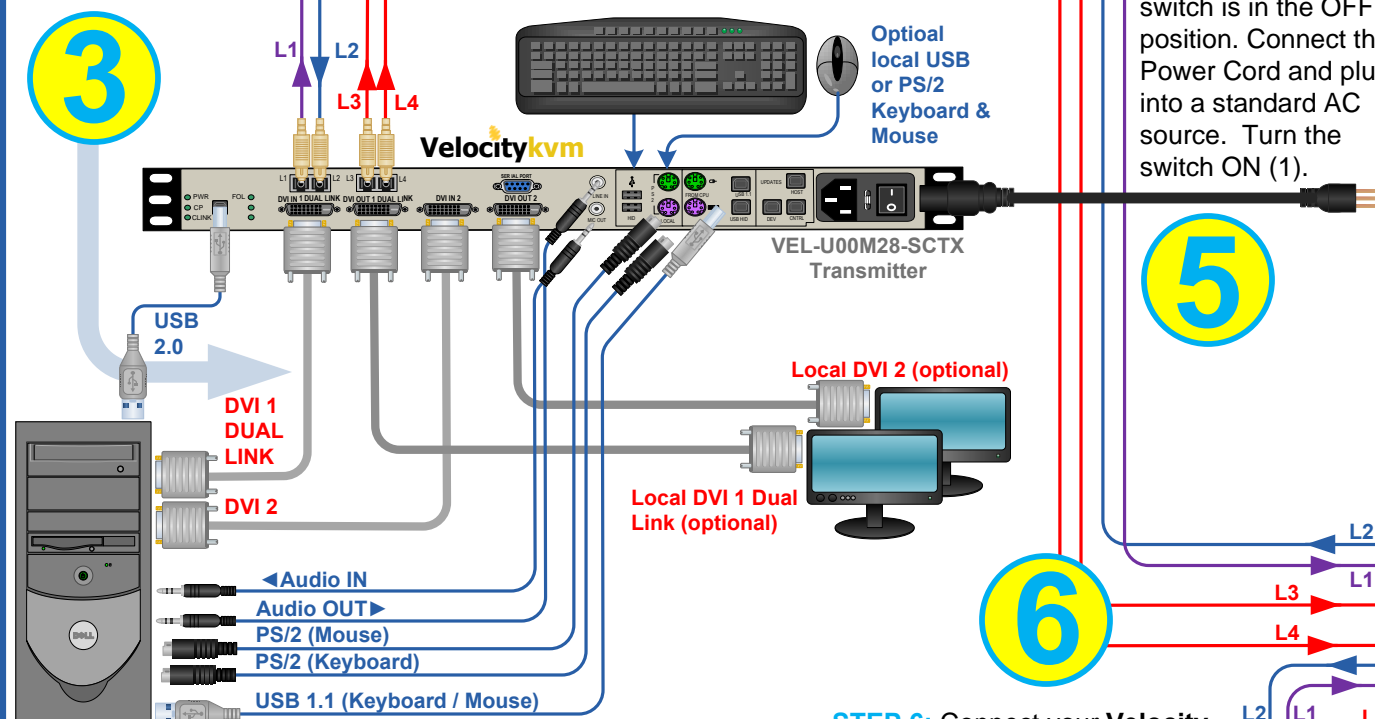


The VX40 Router Critical Hardware Alarms: (Located at the top, left rear of the unit.)

- 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

## Dual-Link, Single-Link DVI KVM Source

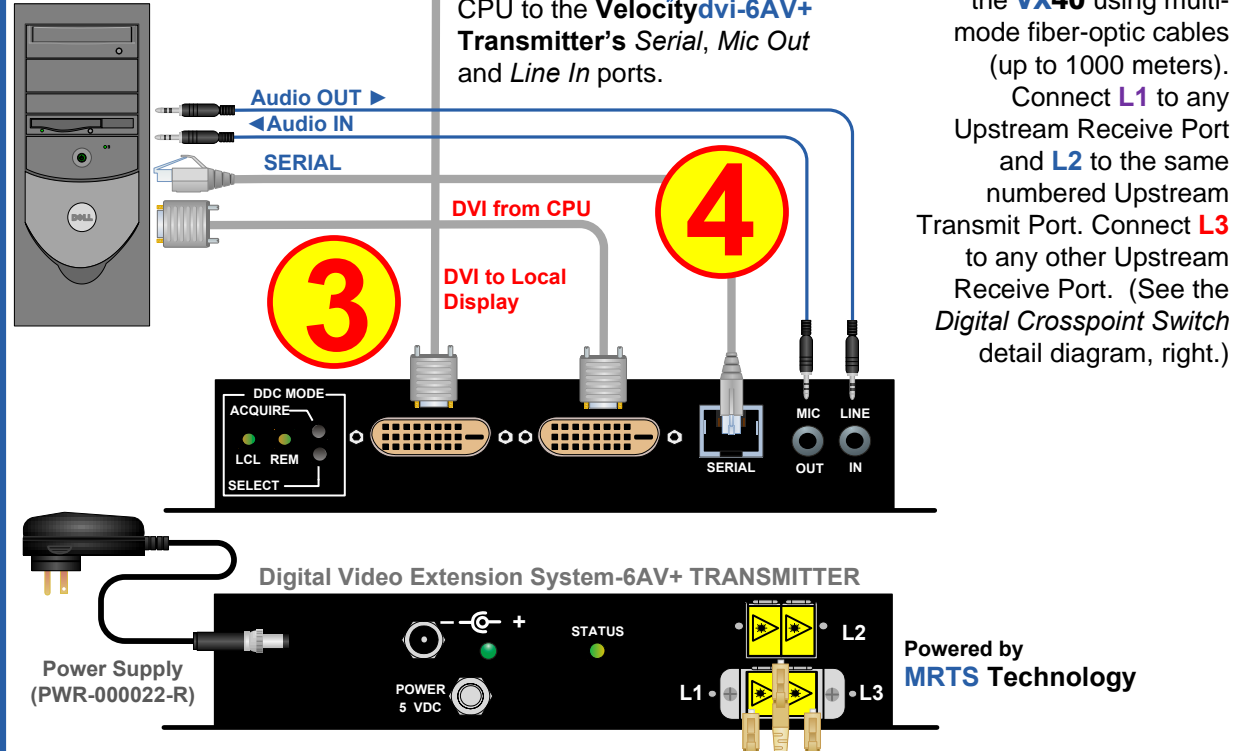
**STEP 3:** Connect the DVI IN cables from the CPU to the **VelocityKVM Transmitter** and the DVI OUT cable(s) from the transmitter to the local monitor(s).



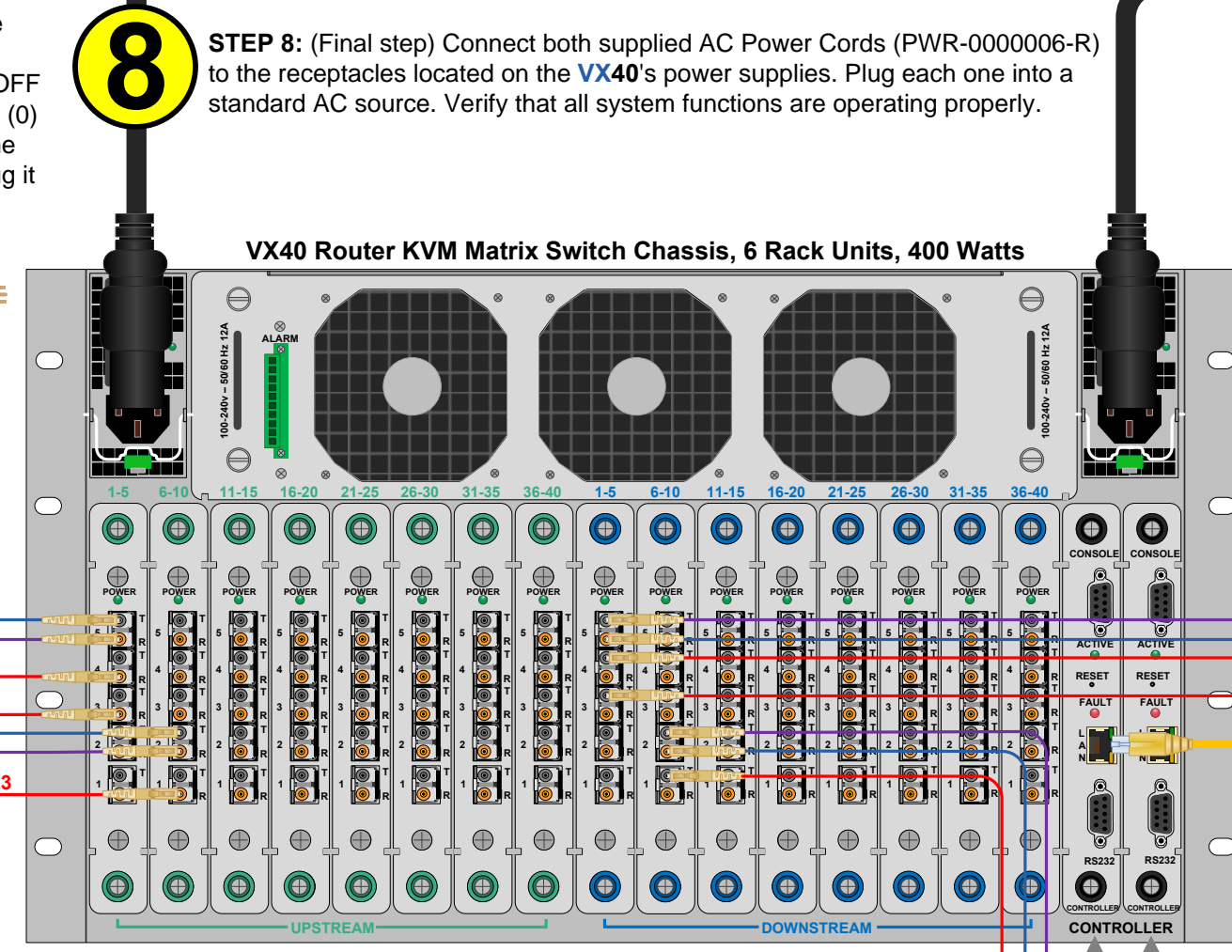
**STEP 4:** Connect your USB, PS/2 and Audio sources to the **VelocityKVM Transmitter's** inputs.

## DVI Video, Serial & Audio Source

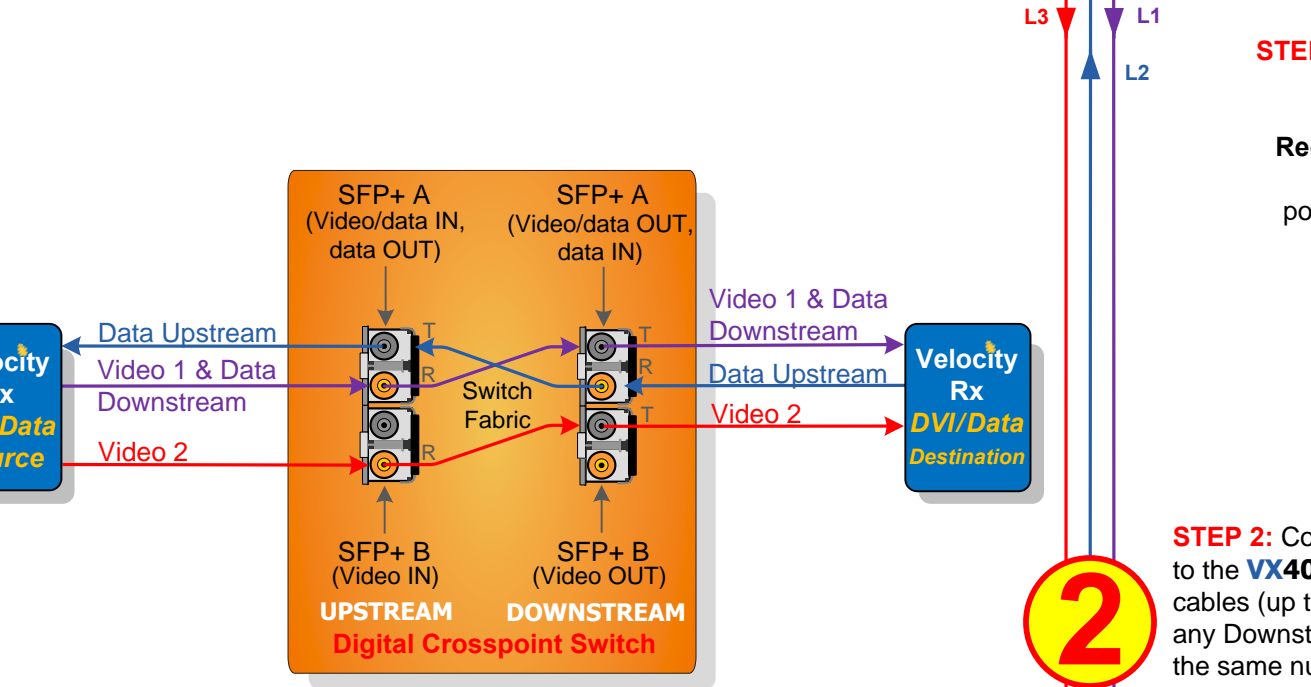
**STEP 3:** Connect your DVI cable from the Source CPU to the **Velocitydvi-6AV+ Transmitter's** DVI from CPU port. If desired, connect a local video device to the DVI to Local Display port.



**STEP 5:** Connect the 5VDC Power Supply and plug it into a standard AC source.

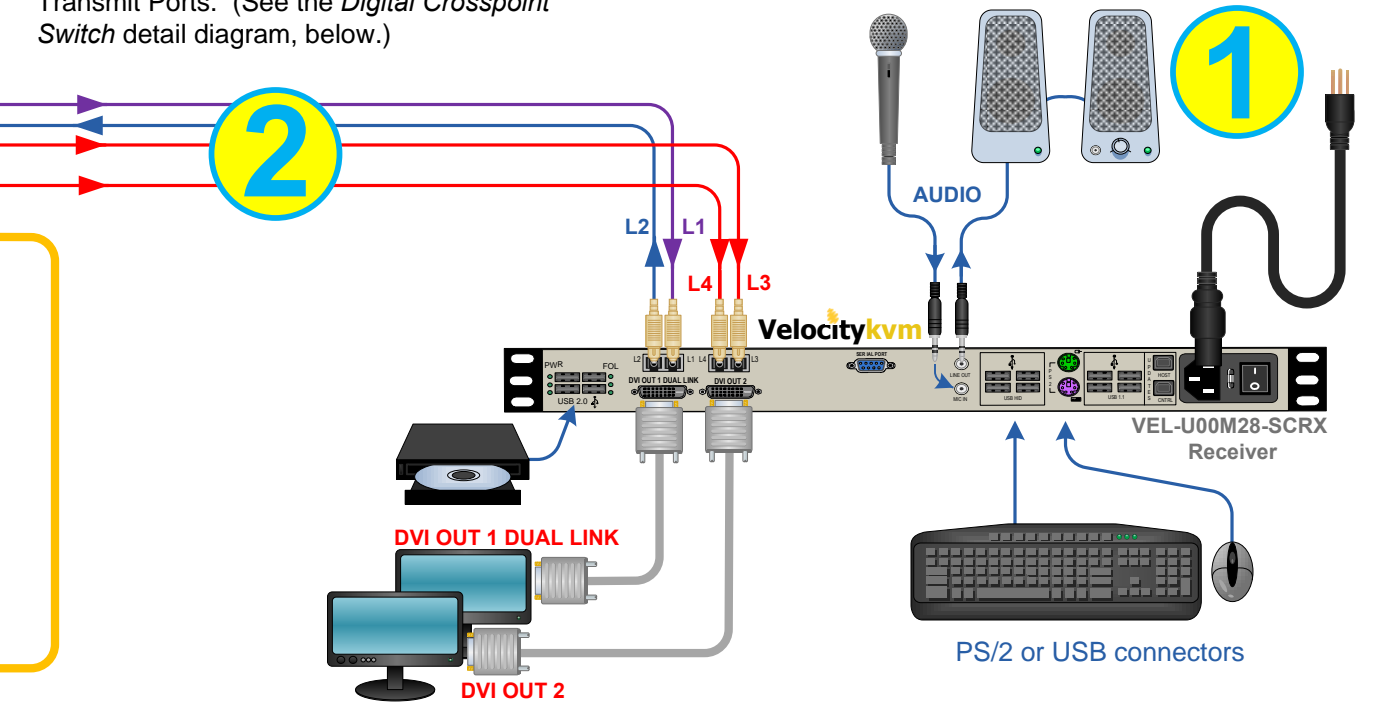


**STEP 7:** Connect the **Controller Card LAN Port** to your Linux CPU with a CAT5 cable. (IP address: 192.168.13.15)



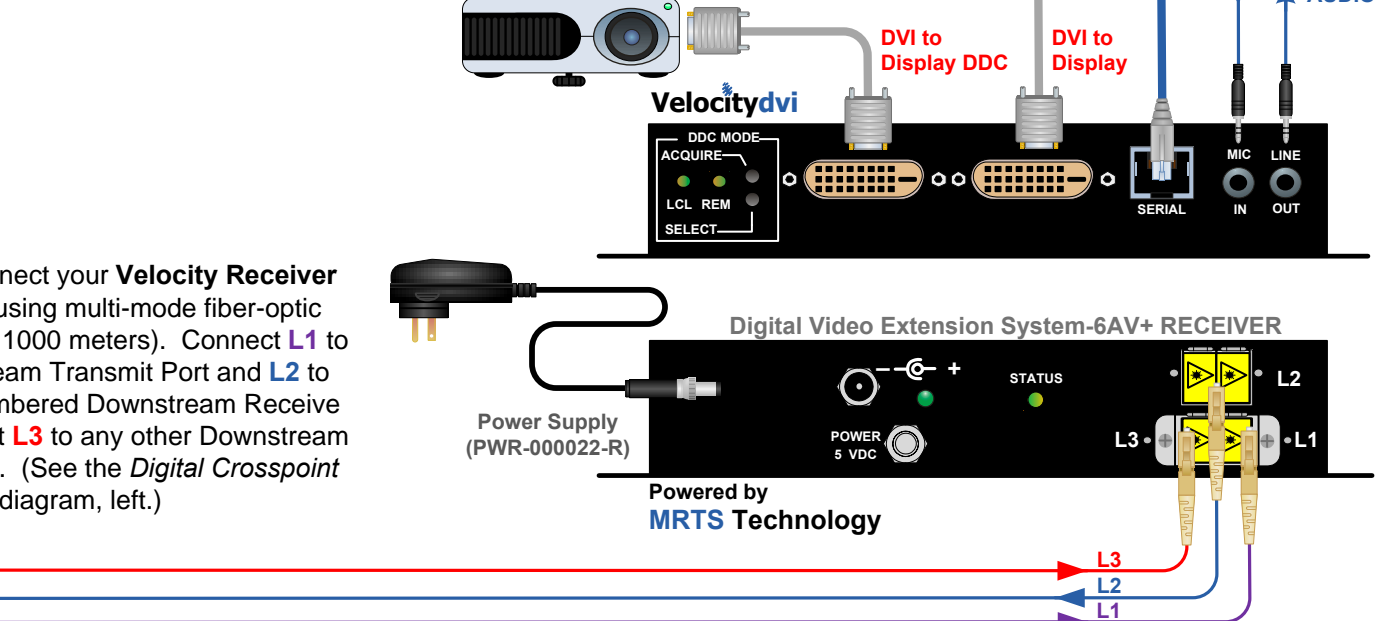
## Dual-Link, Single-Link DVI KVM Destinations

**STEP 2:** Connect your **Velocity Receiver** to the **VX40** using multi-mode fiber-optic cables (up to 1000 meters). Connect **L1** to any Downstream Transmit Port and **L2** to the same numbered Downstream Receive Port. Connect **L3** and **L4** to any other Downstream Transmit Ports. (See the *Digital Crosspoint Switch* detail diagram, below.)



## DVI Video, Serial & Audio Destinations

**STEP 1:** Depending on your configuration, connect your video, serial and audio devices to the **Velocitydvi-6AV+ Receiver** using standard cables. Turn all the devices ON. Connect the 5VDC power supply to the Receiver and plug it into a standard AC source.



**STEP 2:** Connect your **Velocity Receiver** to the **VX40** using multi-mode fiber-optic cables (up to 1000 meters). Connect **L1** to any Downstream Transmit Port and **L2** to the same numbered Downstream Receive Port. Connect **L3** to any other Downstream Transmit port. (See the *Digital Crosspoint Switch* detail diagram, left.)

*Thinklogical's™ VX40 KVM Matrix Switch* features redundant Power Supplies and Controller Modules for uninterrupted performance, even during system reconfiguration, updates or debug. The **VX40** 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 must be used. \*