

QUICK-START GUIDE

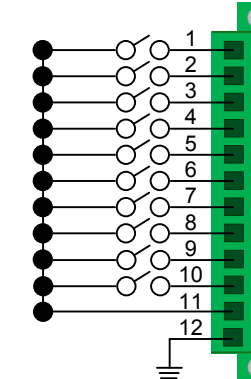
As used with the Velocitykvm-24E and the Velocitykvm-24W Fiber Extension Systems

router VX320 KVM Matrix Switch

Powered by
MRTS Technology

Complete Steps 1-8 to connect to the VX80 KVM Matrix Switch

The VX320 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 or module removed
- POWER SUPPLY 2: Fan failure, temperature spikes, DC voltage and/or current out of range, AC power input interruption or module removed
- POWER SUPPLY 3: Fan failure, temperature spikes, DC voltage and/or current out of range, AC power input interruption or module removed
- POWER SUPPLY 4 (RIGHT): Fan failure, temperature spikes, DC voltage and/or current out of range, AC power input interruption or 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

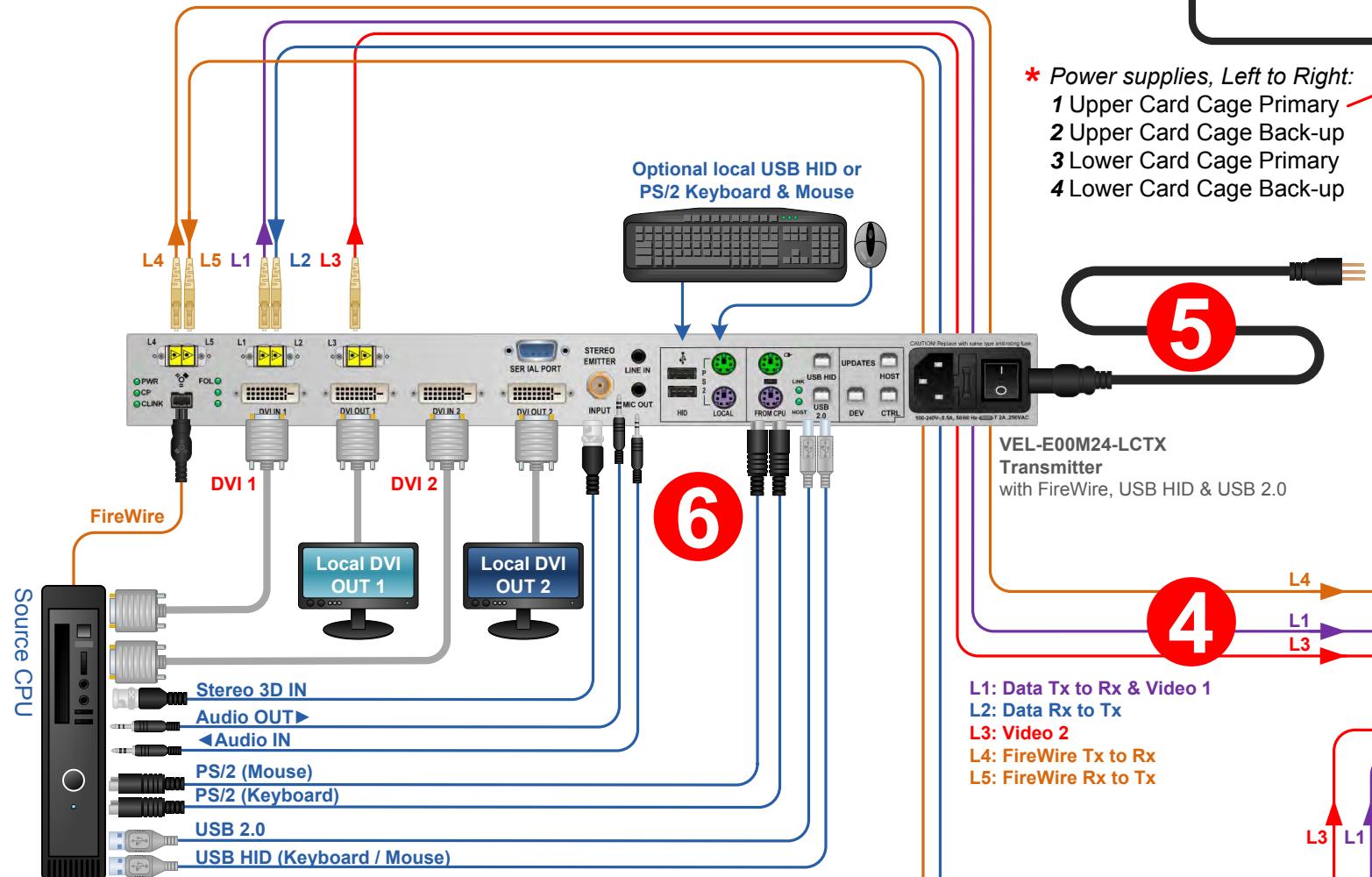
Thinklogical's VX320 KVM Matrix Switch features redundant Power Supplies and Fail-Over Controller Modules for uninterrupted performance, even during system reconfiguration, updates or debug. The VX320 remains fully functional with only one Power Supply installed or with one Controller activated.

NOTE: When using a single Controller, the lower module must be used.

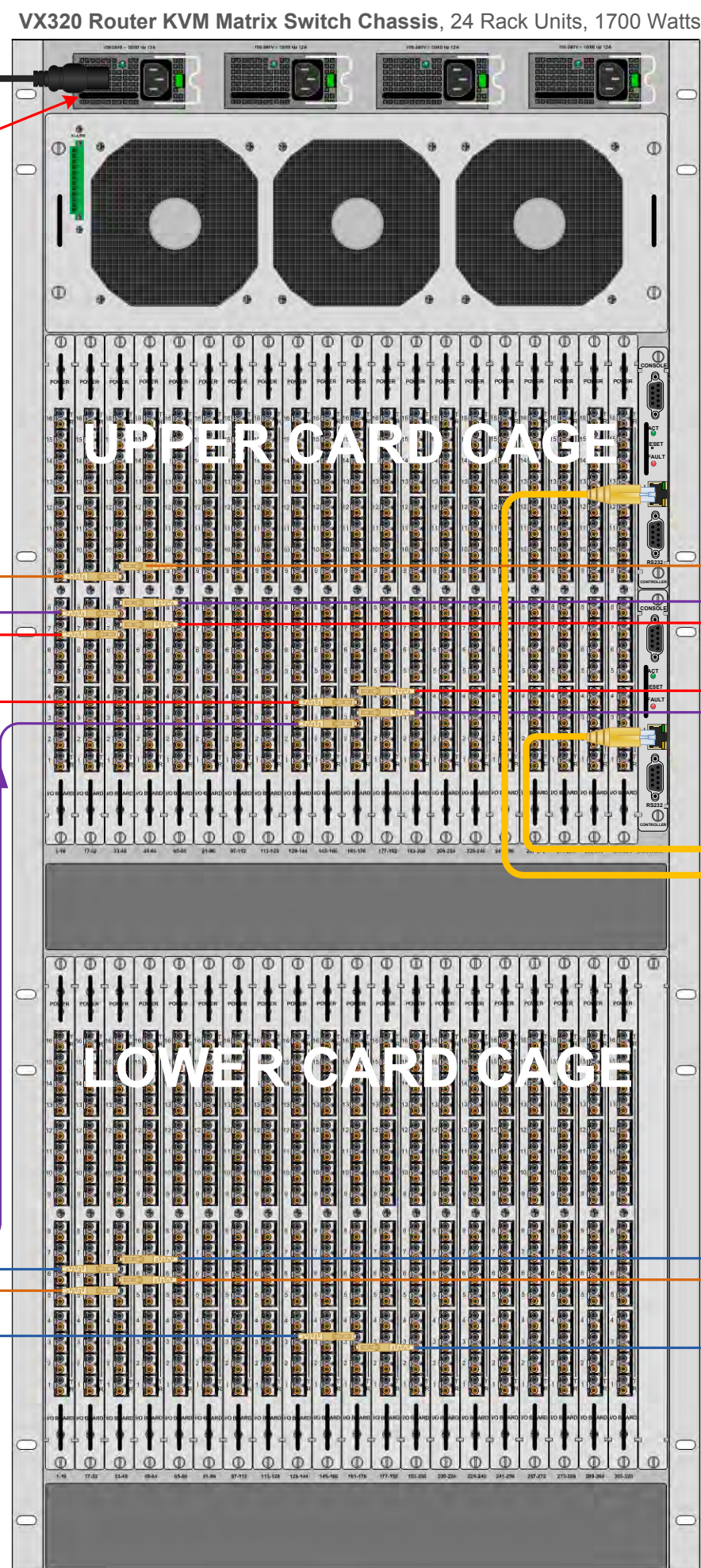
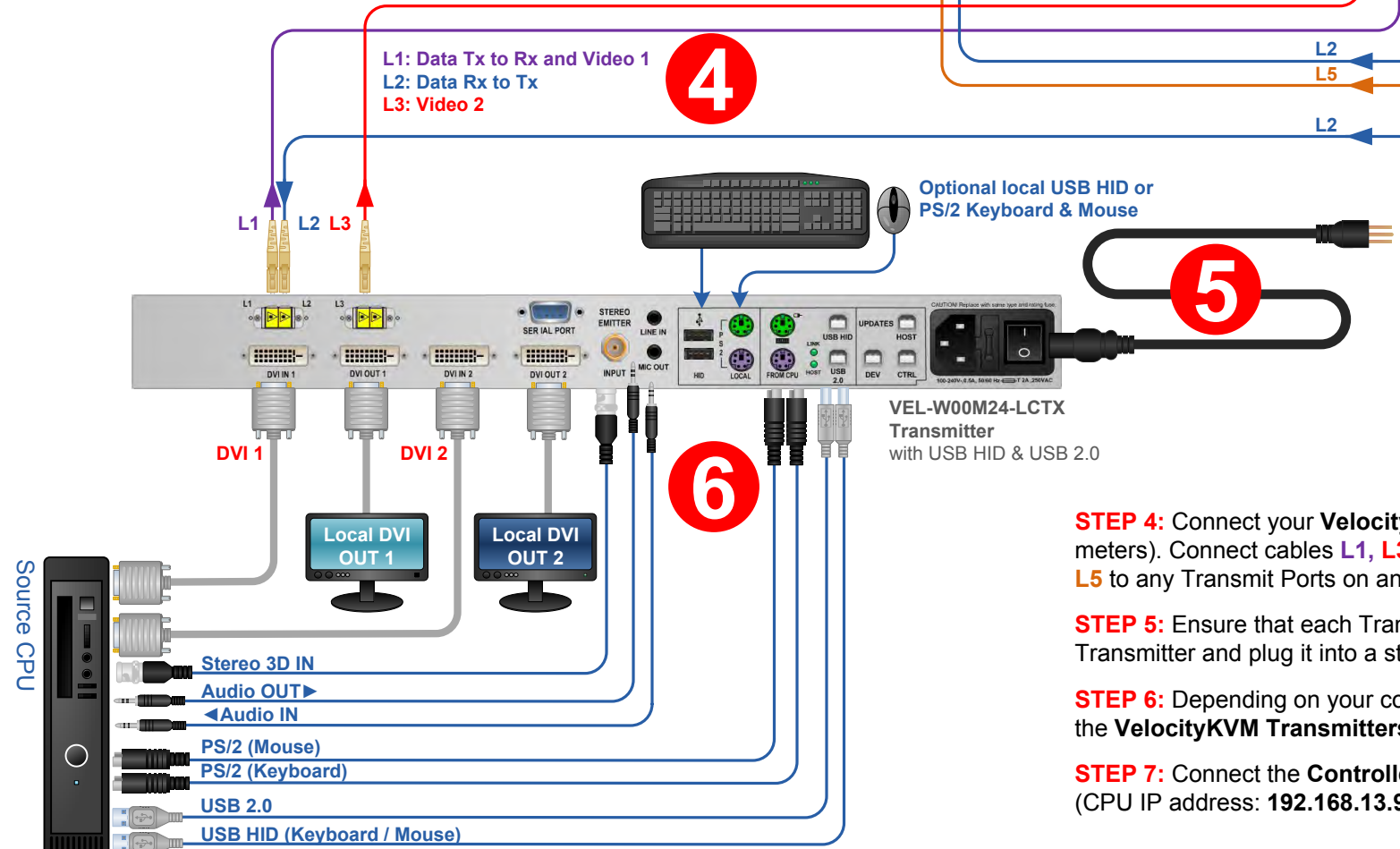
Two DVI Displays & KVM Source (with FireWire, USB HID & USB 2.0)

STEP 8: Connect the four supplied AC Power Cords (PWR-000056-R) to the receptacles located on the VX320's power supplies.* Plug each of them into a standard AC source. Verify that all system functions are operating properly.

- * Power supplies, Left to Right:
- 1 Upper Card Cage Primary
 - 2 Upper Card Cage Back-up
 - 3 Lower Card Cage Primary
 - 4 Lower Card Cage Back-up



Two DVI Displays & KVM Source (with USB HID & USB 2.0)

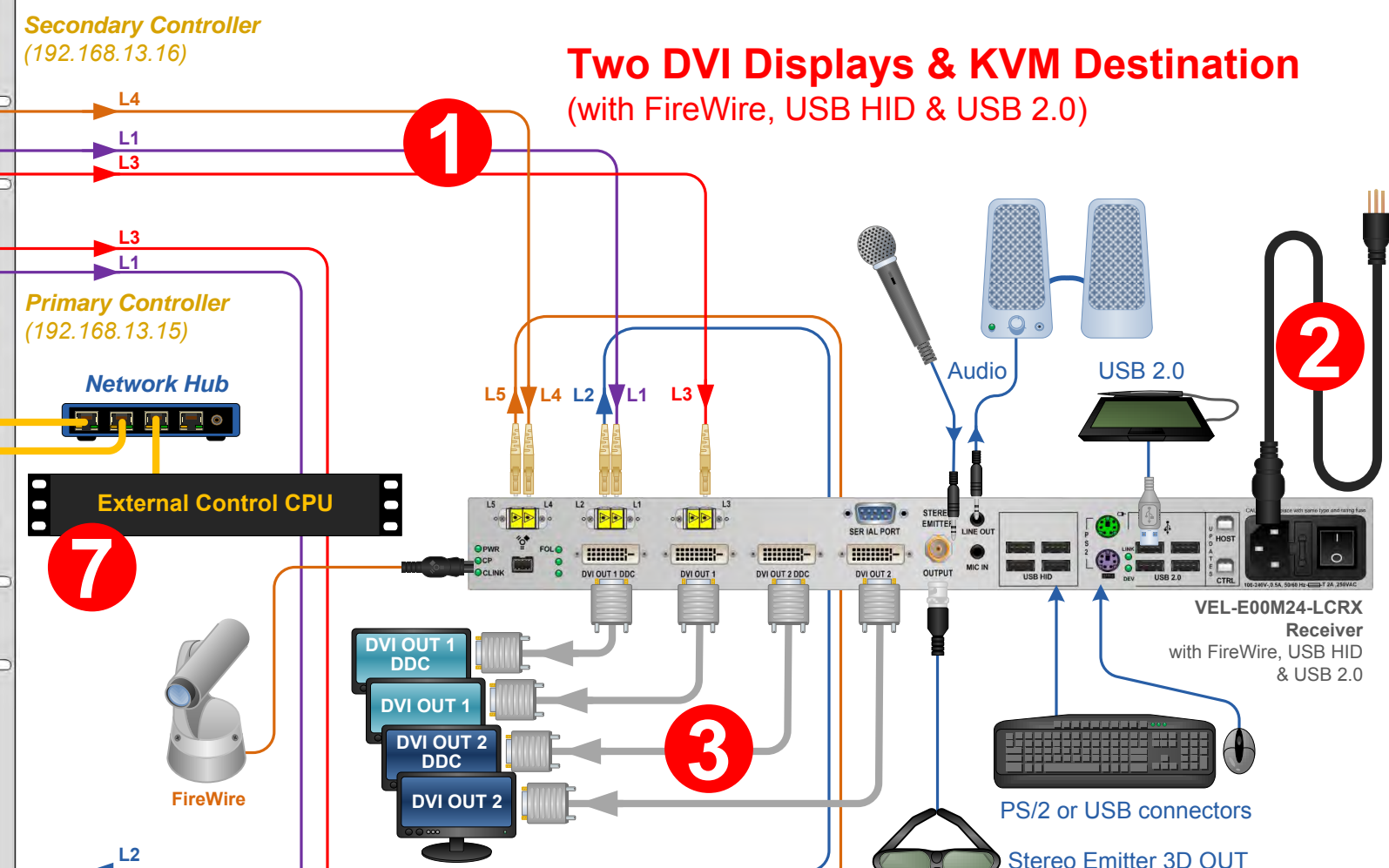


STEP 1: Connect your VelocityKVM-24 Receivers to the VX320 using multi-mode fiber-optic cables (up to 1000 meters). Connect cables L1, L3 & L4 to any Transmit Ports on any cards of the Upper Card Cage. Connect cables L2 & L5 to any Receive Ports on any cards of the Lower Card Cage.*

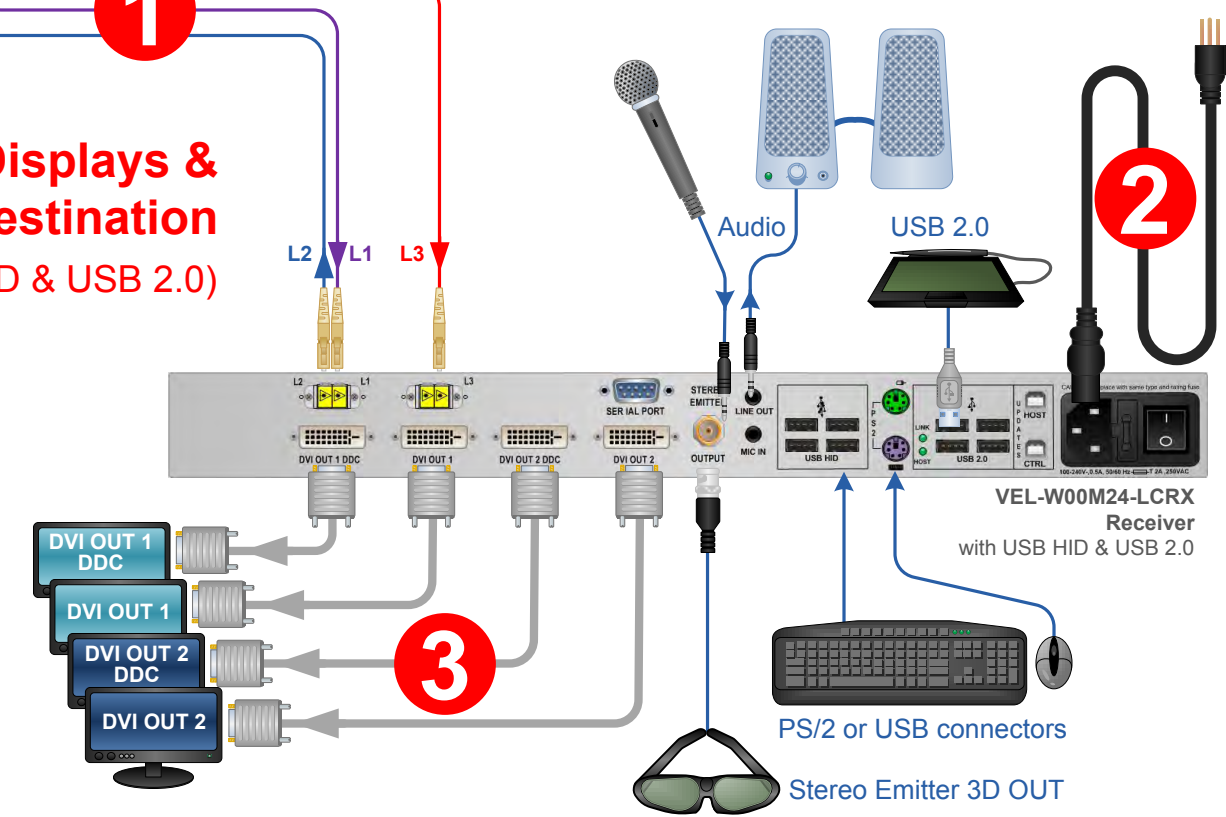
STEP 2: Ensure that each Receiver's ON/OFF switch is in the OFF (0) position. Insert the AC power cord into the Receiver and plug it into a standard AC source. Turn the unit ON (1).

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

Two DVI Displays & KVM Destination (with FireWire, USB HID & USB 2.0)



Two DVI Displays & KVM Destination (with USB HID & USB 2.0)



STEP 4: Connect your VelocityKVM-24 Transmitters to the VX320 using multi-mode fiber-optic cables (up to 1000 meters). Connect cables L1, L3 & L4 to any Receive Ports on any cards of the Upper Card Cage. Connect cables L2 & L5 to any Transmit Ports on any cards of the Lower Card Cage.*

STEP 5: Ensure that each 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 (1).

STEP 6: Depending on your configuration, connect your desktop device sources (monitors, keyboard, mouse, etc.) to the VelocityKVM Transmitters using standard cables as shown in the examples below. Ensure the CPUs are ON.

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

*Both the Upper and Lower Card Cages are designed to handle either Video or Data signals.