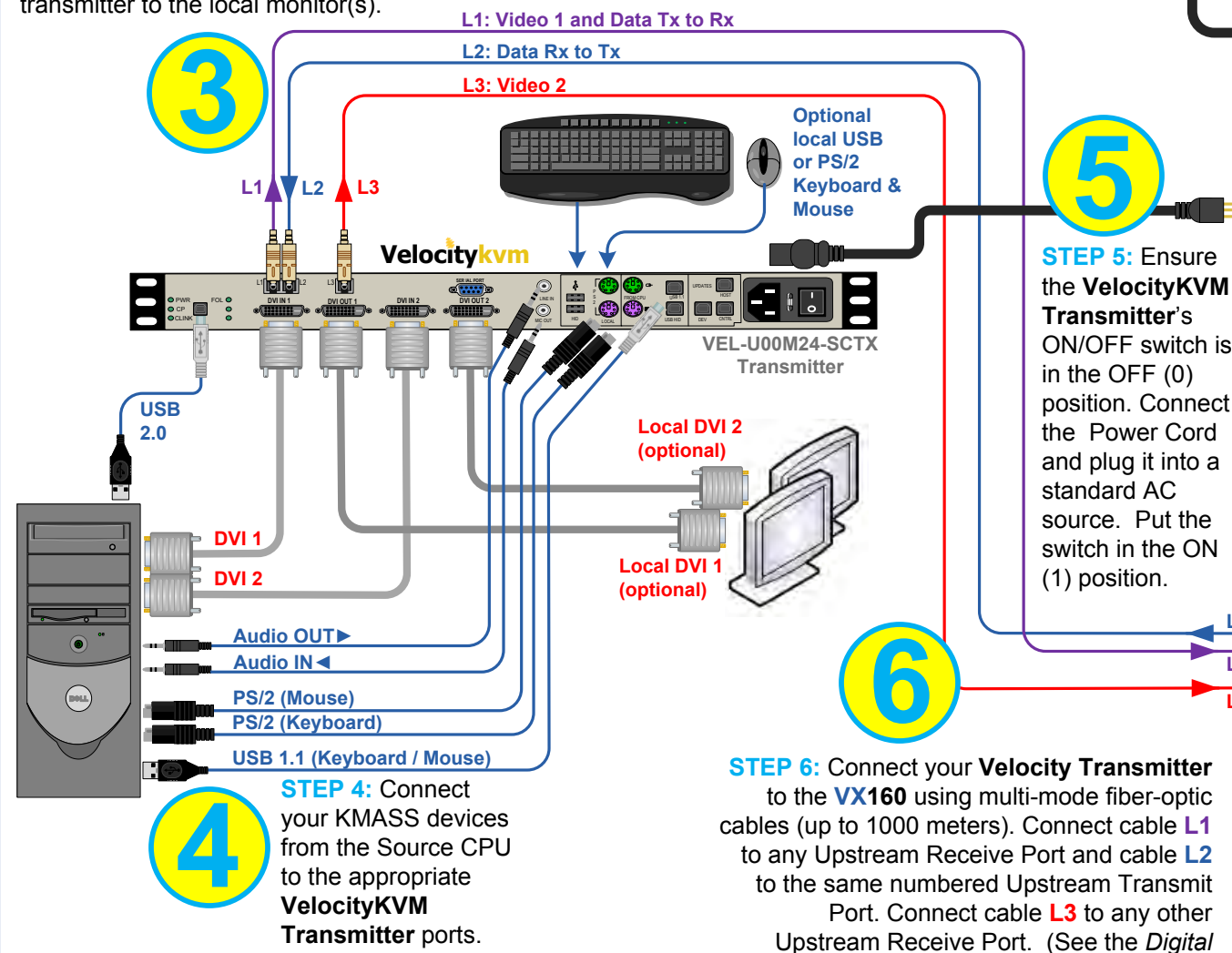


QUICK-START GUIDE

As used with *Thinklogical's™ Velocitydvi Video Extension System-9 and the Velocitykvm Fiber Extension System-24*

Dual Head DVI and 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).



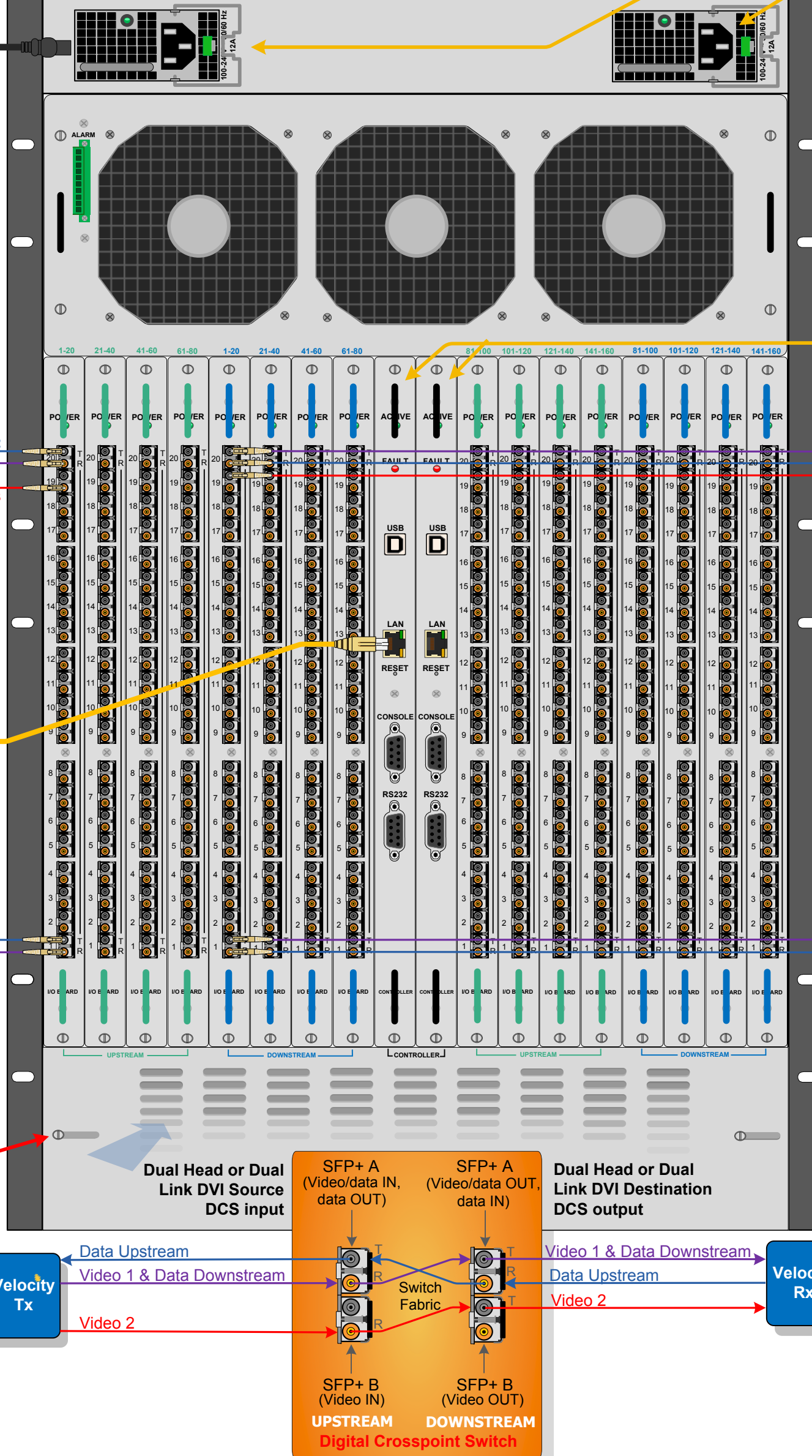
STEP 8: (Final step) Connect both supplied AC Power Cords (PWR-000056-R) to the receptacles located on the **VX160's** power supplies. Plug them to a standard AC source. Verify that all system functions are operating properly.

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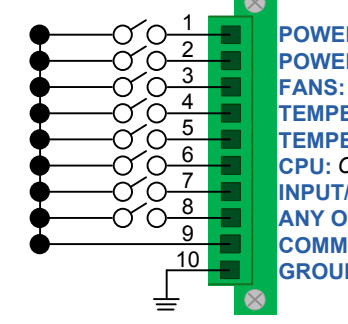
router VX160 KVM Matrix Switch

Powered by **MRTS Technology**

VX160 Router KVM Matrix Switch Chassis, 16 Rack Units, 850 Watts



The **VX160 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™ VX160 KVM Matrix Switch features redundant Power Supplies and Fail-Over Controller Modules for uninterrupted performance, even during system reconfiguration, updates or debug. The **VX160** remains fully functional with only one Power Supply installed or with one Controller activated.

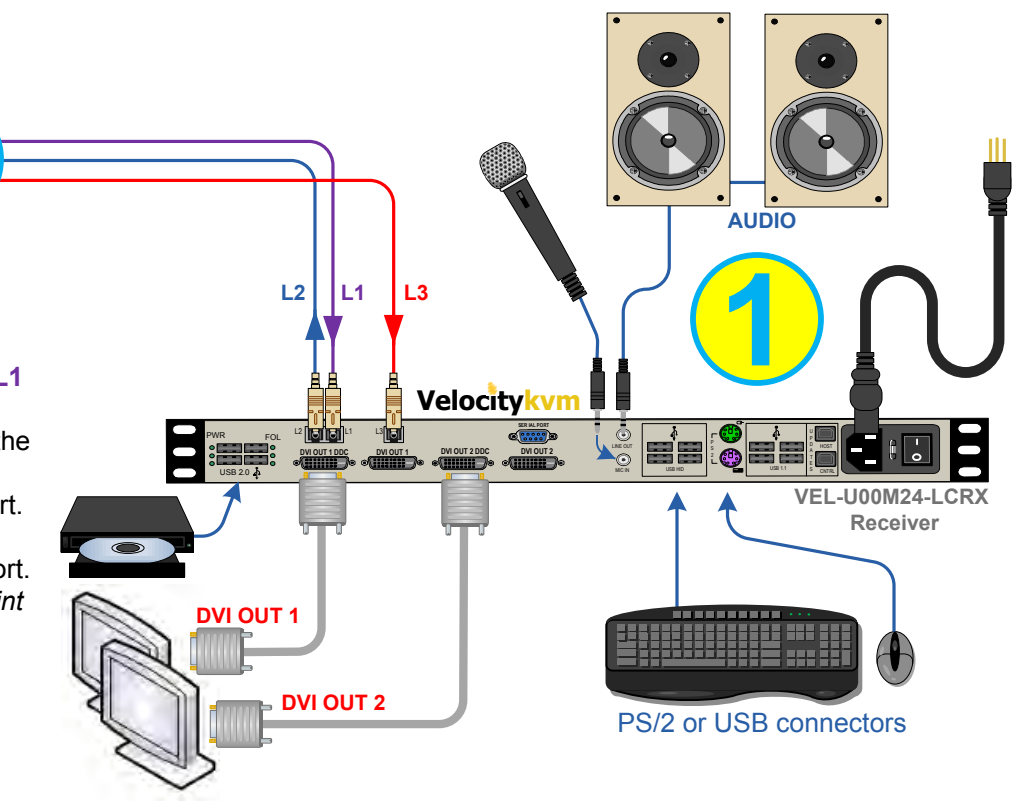
NOTE: When using a single Controller, the module on the left must be used.

CONTENTS
Upon receiving your *Thinklogical™ VX160* KVM Matrix Switch you should find the following items:

- VX160 Chassis & Cards
- LC Duplex Bulkhead with Flange
- 15' CAT5 Cable (1)
- AC Power Cord (2)
- Product Manual CD

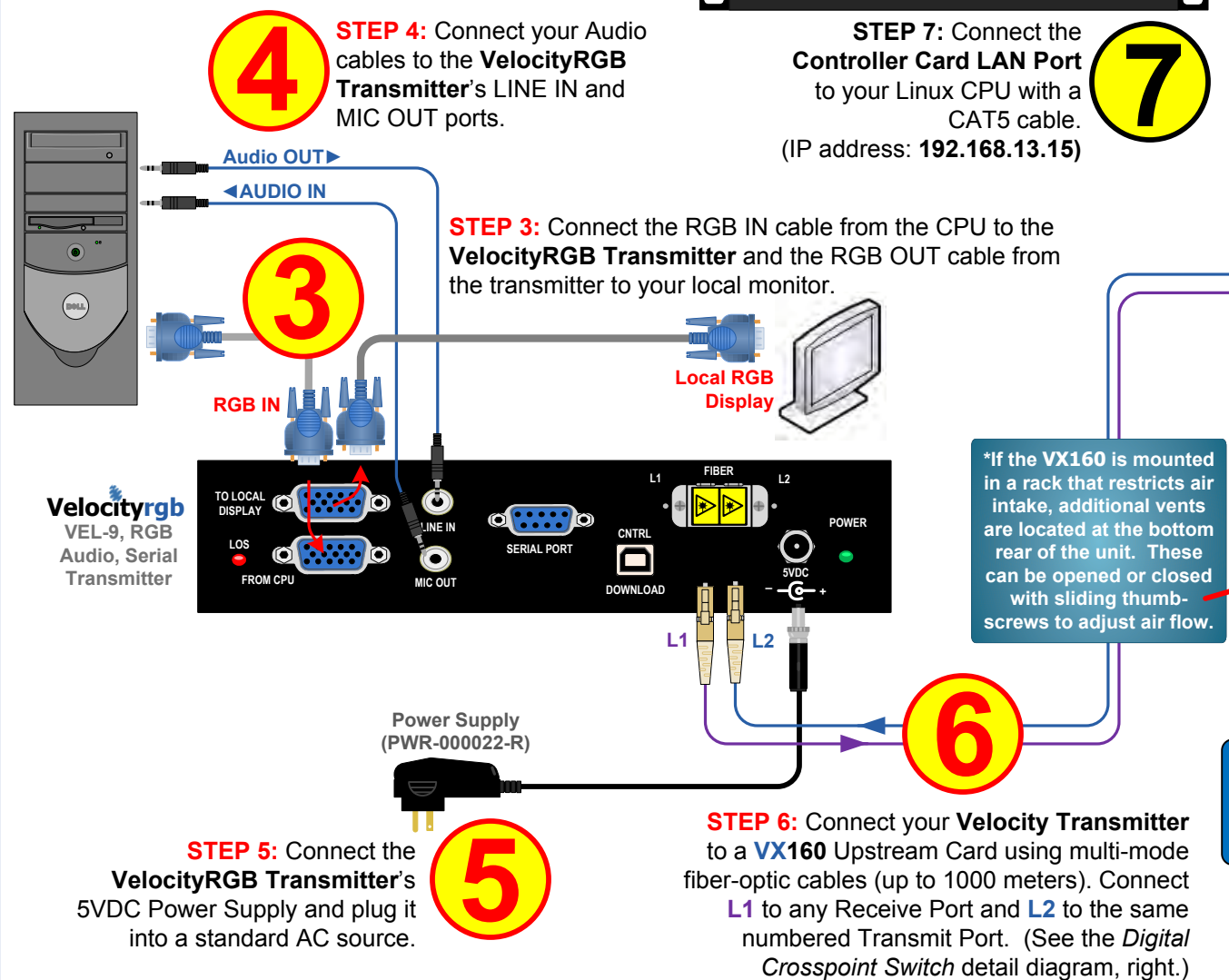
Dual Head DVI and KVM Destinations

STEP 1: Depending on your configuration, connect your desktop devices (monitors, keyboard, mouse, etc.) to the **VelocityKVM Receiver** using standard cables, as shown in the examples below. Connect any power cords and plug each one into a standard AC source. Turn all the devices ON.



STEP 2: Connect your **Velocity Receiver** to the **VX160** 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, below left.)

Single Head RGB Source



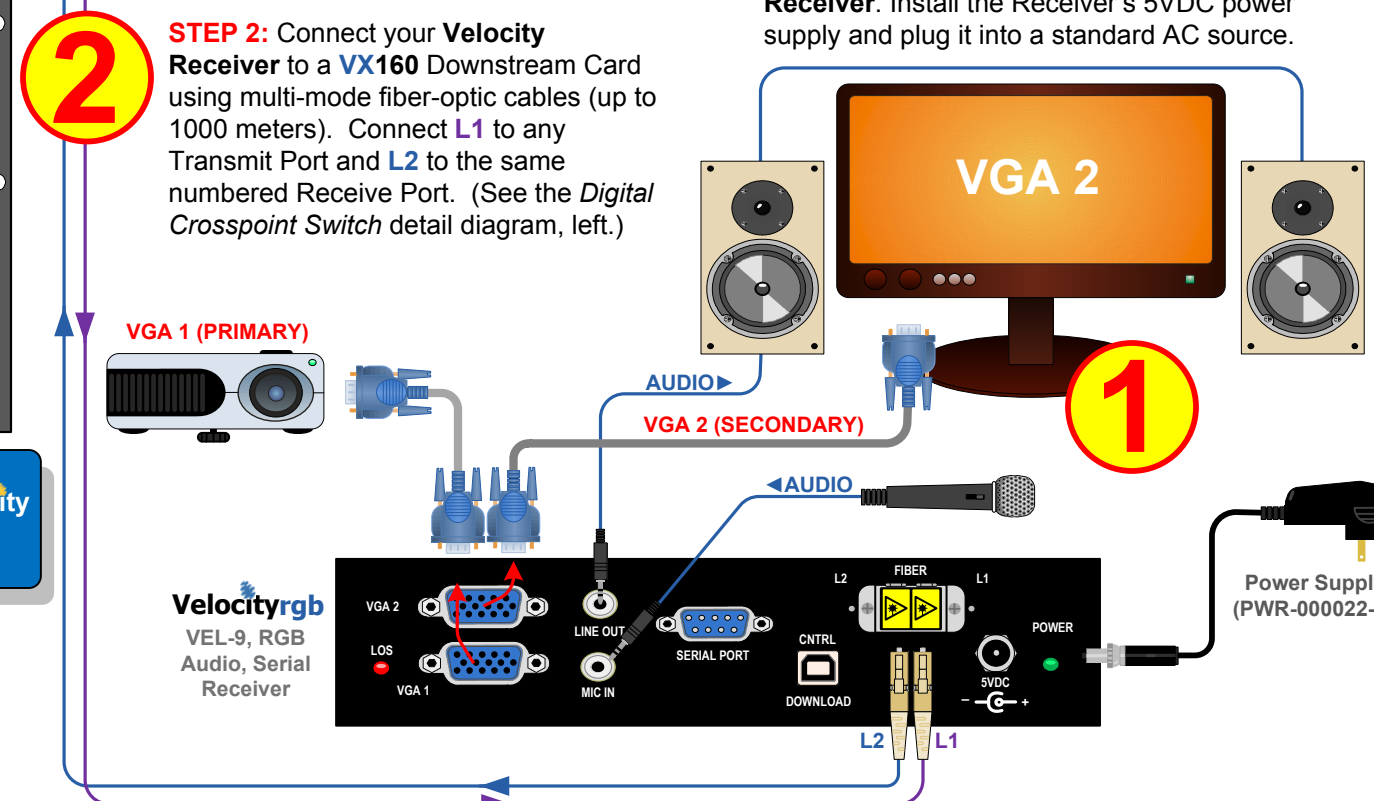
STEP 7: Connect the **Controller Card LAN Port** to your Linux CPU with a CAT5 cable. (IP address: 192.168.13.15)

STEP 3: Connect the RGB IN cable from the CPU to the **VelocityRGB Transmitter** and the RGB OUT cable from the transmitter to your local monitor.

*If the **VX160** is mounted in a rack that restricts air intake, additional vents are located at the bottom rear of the unit. These can be opened or closed with sliding thumb-screws to adjust air flow.

STEP 6: Connect your **Velocity Transmitter** to a **VX160** Upstream Card using multi-mode fiber-optic cables (up to 1000 meters). Connect **L1** to any Receive Port and **L2** to the same numbered Transmit Port. (See the *Digital Crosspoint Switch* detail diagram, right.)

Monitor, Projector and Audio Destinations



STEP 1: Connect your output devices (monitors, audio speakers, projector, etc.) to the **VelocityRGB Receiver**. Install the Receiver's 5VDC power supply and plug it into a standard AC source.

STEP 2: Connect your **Velocity Receiver** to a **VX160** Downstream Card using multi-mode fiber-optic cables (up to 1000 meters). Connect **L1** to any Transmit Port and **L2** to the same numbered Receive Port. (See the *Digital Crosspoint Switch* detail diagram, left.)