

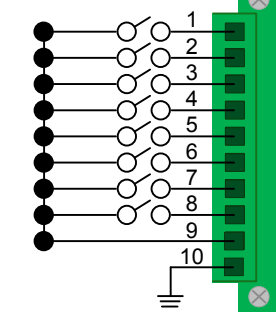
# QUICK-START GUIDE

As used with **Thinklogical's™ Velocitydvi Video Extension System-3 A/V+** and the **Velocityrgb Video Extension System-9**

# router VX160 KVM Matrix Switch

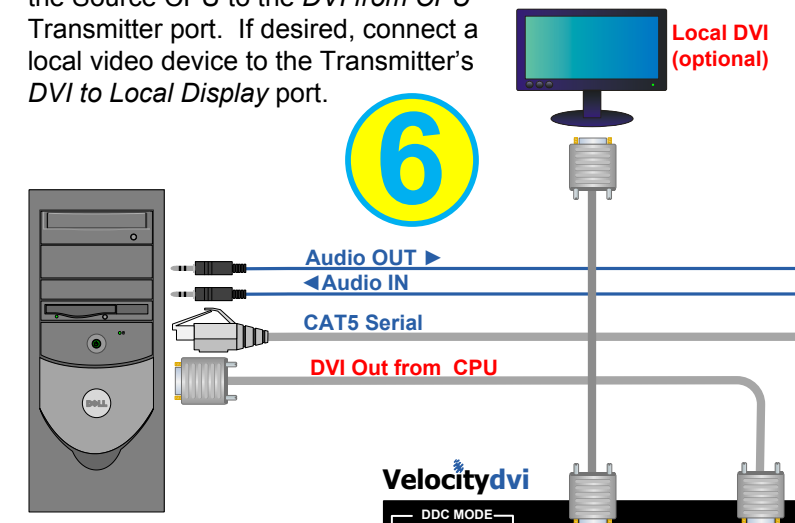
Powered by  
**MRTS Technology**

The **VX160 Router Critical Hardware Alarms:** (Located at the top, left rear of the unit.)

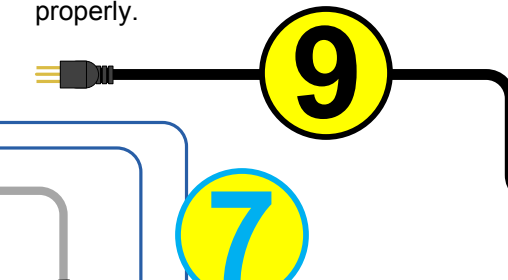


- 1 POWER SUPPLY 1 (LEFT): Fan failure, temperature spikes, DC voltage and/or current out of range, AC power input interruption and module removed
- 2 POWER SUPPLY 2 (RIGHT): Fan failure, temperature spikes, DC voltage and/or current out of range, AC power input interruption and module removed
- 3 FANS: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

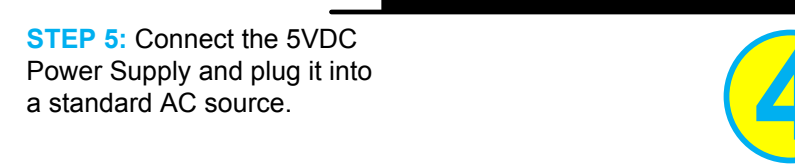
**STEP 6:** Connect your DVI cable from the Source CPU to the DVI from CPU Transmitter port. If desired, connect a local video device to the Transmitter's DVI to Local Display port.



**STEP 9:** Connect both supplied AC Power Cords (PWR-0000056-R) to the receptacles located on the VX160's power supplies. Plug each of them into a standard AC source. Verify that all system functions are operating properly.

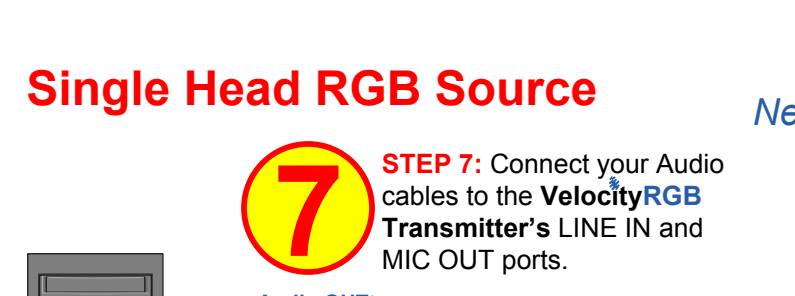


**STEP 5:** Connect the 5VDC Power Supply and plug it into a standard AC source.



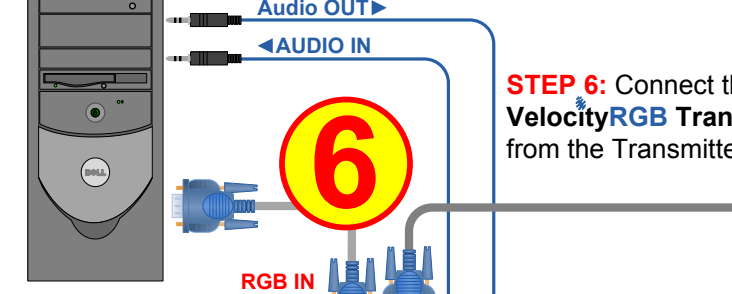
## Single-Link DVI Source

**STEP 4:** 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, below.)

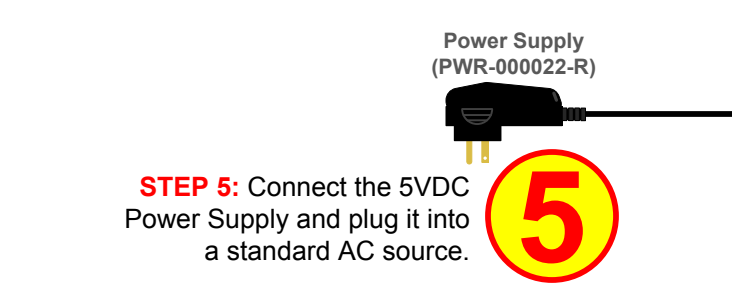


## Single Head RGB Source

**STEP 7:** Connect your Audio cables to the VelocityRGB Transmitter's LINE IN and MIC OUT ports.



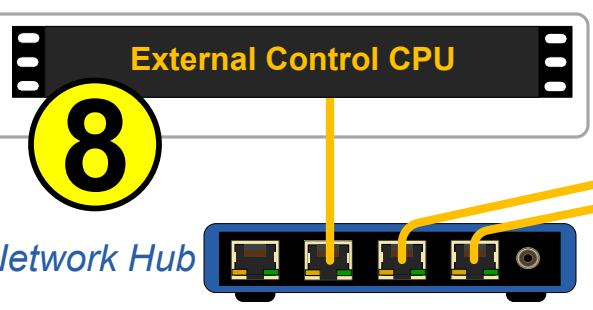
**STEP 6:** Connect the RGB IN cable from the CPU to the VelocityRGB Transmitter and the Local Display Cable from the Transmitter to your local monitor.



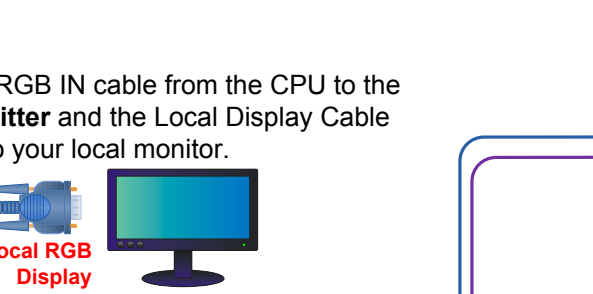
**STEP 5:** Connect the 5VDC Power Supply and plug it into a standard AC source.



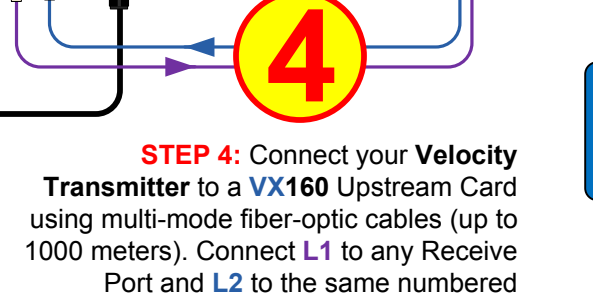
**STEP 8:** Connect the Controller Cards' LAN Ports to your Control CPU with CAT5 cables. (CPU IP address: 192.168.13.9)



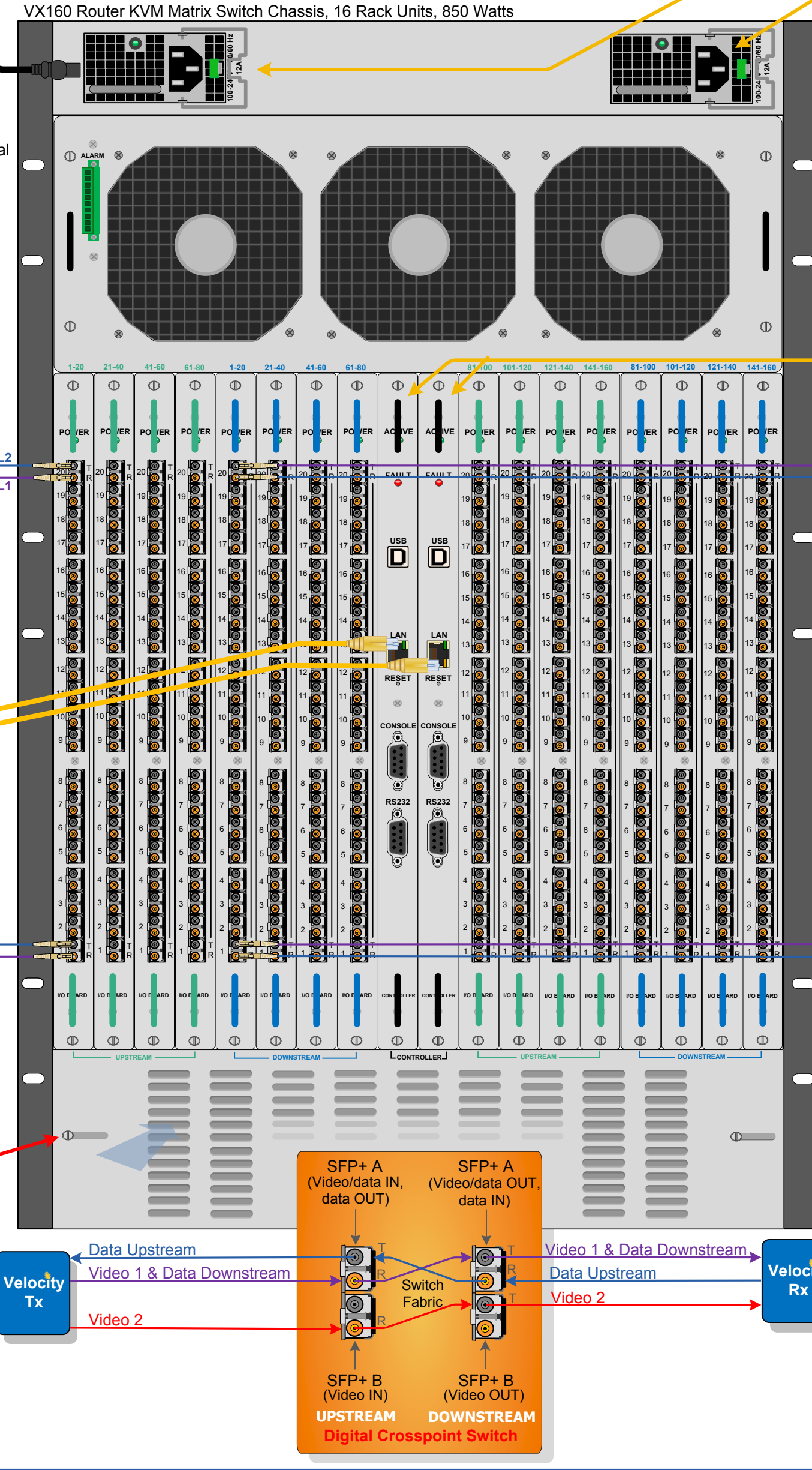
**STEP 7:** Connect your Audio cables to the VelocityRGB Transmitter's LINE IN and MIC OUT ports.



**STEP 6:** Connect the RGB IN cable from the CPU to the VelocityRGB Transmitter and the Local Display Cable from the Transmitter to your local monitor.



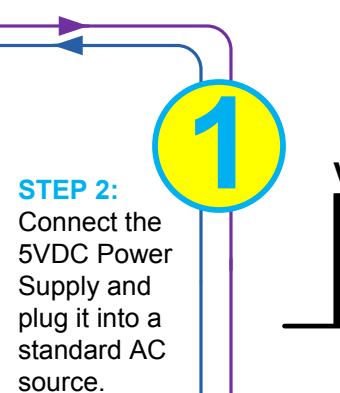
**STEP 4:** Connect your Velocity Transmitter to a VX160 Upstream Card using multi-mode fiber-optic cables (up to 1000 meters). Connect L1 to any Receive Port and L2 to the same numbered Transmit Port. (See the Digital Crosspoint Switch detail diagram, right.)



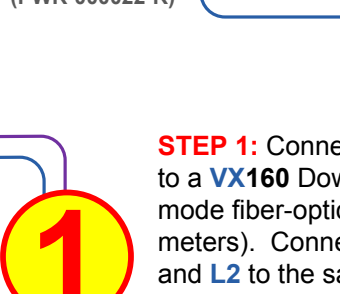
Thinklogical's™ **VX160** KVM Matrix Switch features redundant Power Supplies and Fail-Over Controller Modules for uninterrupted performance, even during system reconfiguration, updates or debug. The **VX160** remains fully functional with only one Power Supply installed or with one Controller activated.

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

**STEP 1:** 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, below.)

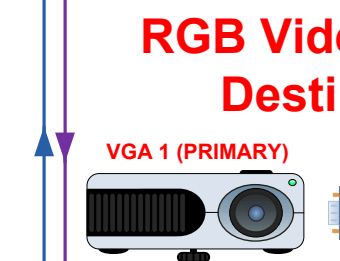


**STEP 2:** Connect the 5VDC Power Supply and plug it into a standard AC source.



**STEP 3:** Depending on your configuration, connect your audio and video devices (monitors, cameras, speakers, etc.) to the VelocityDVI-3 A/V+ Receiver using standard cables. Turn all the devices ON.

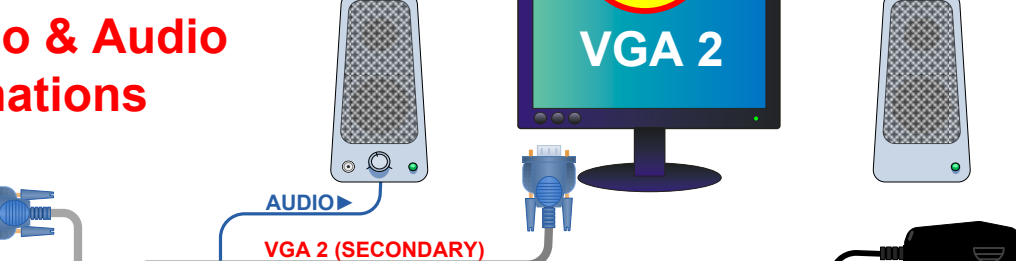
**STEP 1:** Connect your Velocity Receiver to a VX160 Downstream Card using multi-mode fiber-optic cables (up to 1000 meters). Connect L1 to any Transmit Port and L2 to the same numbered Receive Port. (See the Digital Crosspoint Switch detail diagram, left.)



**STEP 3:** Connect your output devices (monitors, audio speakers, projector, etc.) to the VelocityRGB Receiver using standard cables. Turn all the devices ON.



**STEP 2:** Connect the 5VDC Power Supply and plug it into a standard AC source.



**STEP 2:** Connect the 5VDC Power Supply and plug it into a standard AC source.

