

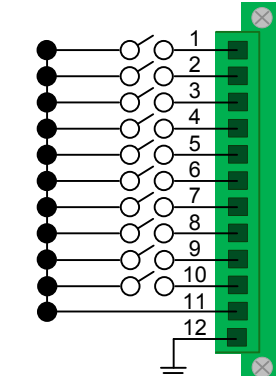
QUICK-START GUIDE

As used with the Velocityrgb-12 and the Velocitykvm-24UD (Separate Data Path) Fiber Extension Systems

router VX320 KVM Matrix Switch

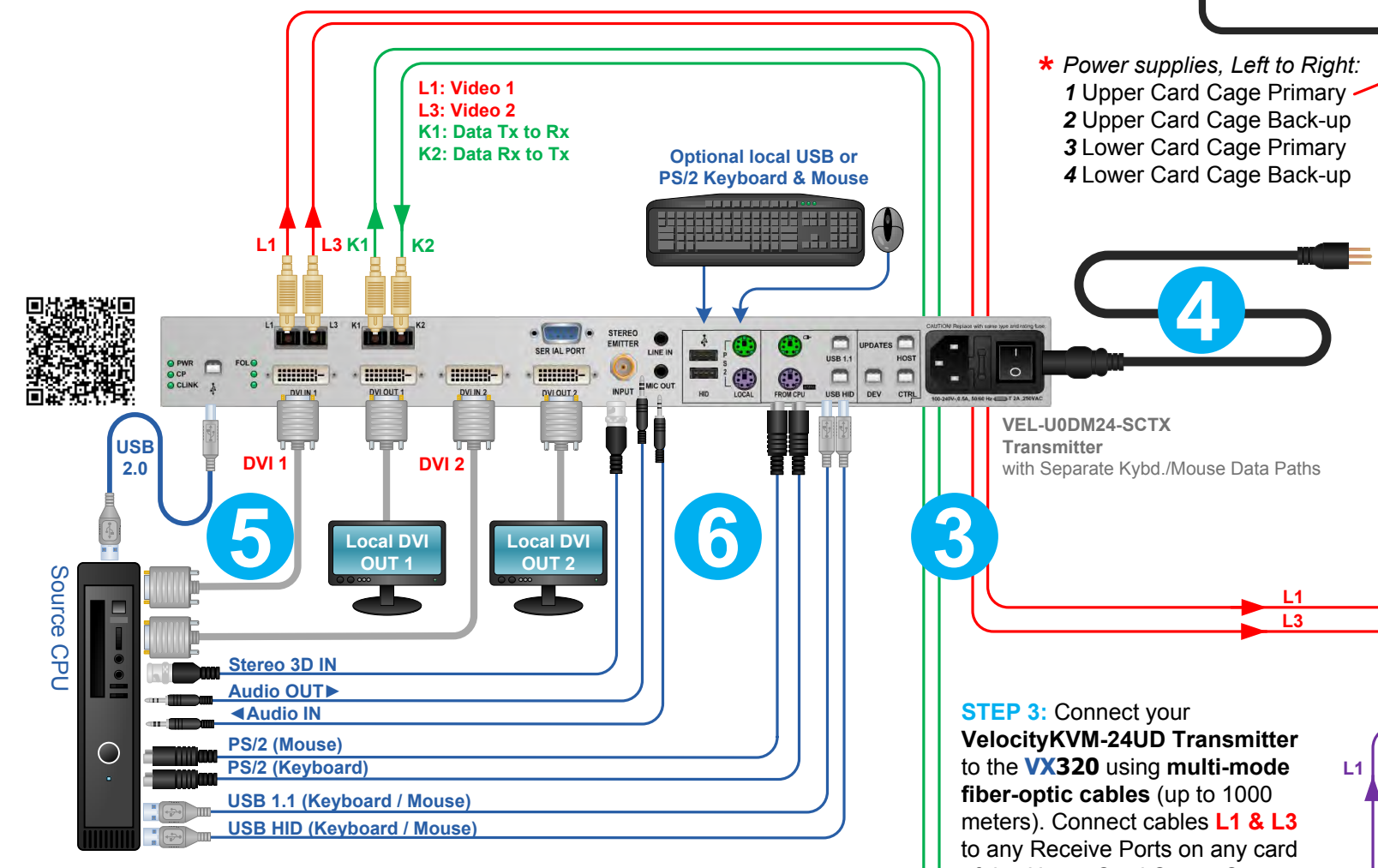
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MRTS Technology

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

Two DVI Displays & KVM Source (with Separate Kybd./Mouse Data Paths)



STEP 8: (Final step) 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

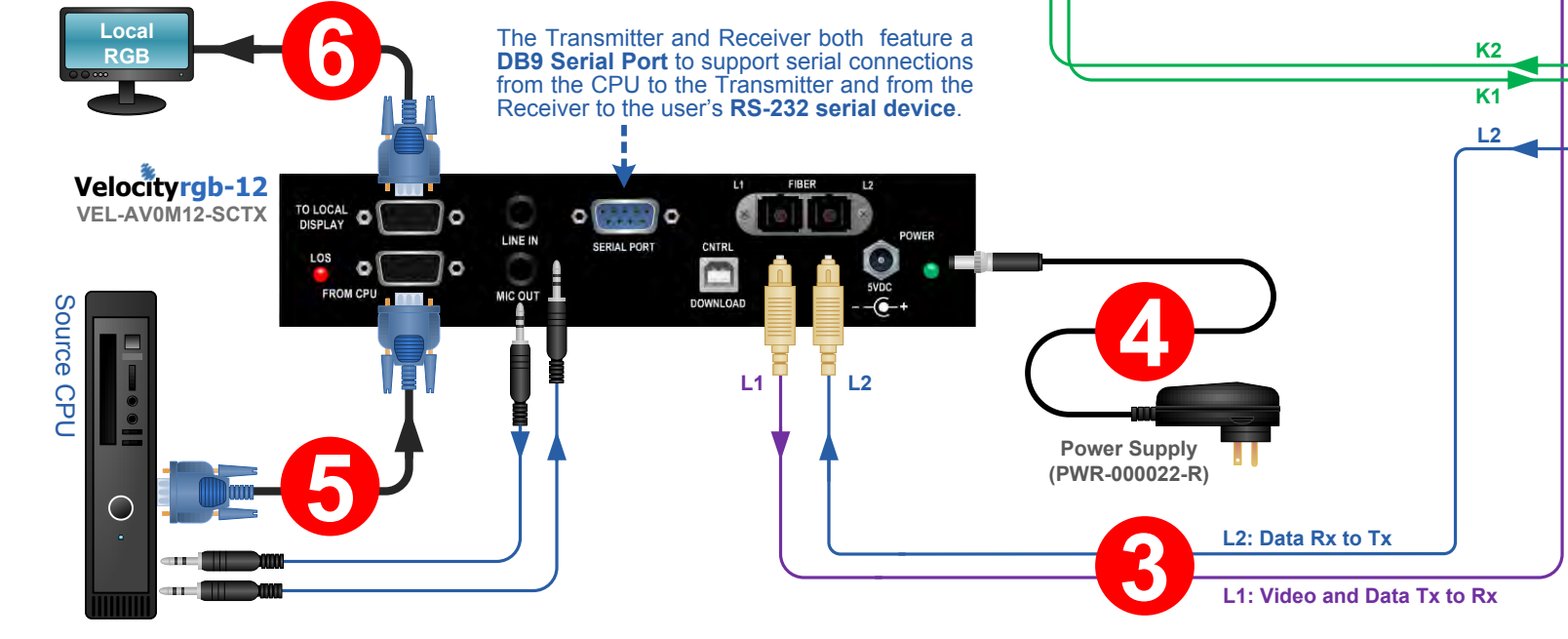
STEP 3: Connect your VelocityKVM-24UD Transmitter to the VX320 using multi-mode fiber-optic cables (up to 1000 meters). Connect cables L1 & L3 to any Receive Ports on any card of the Upper Card Cage. Connect cable K1 to any Receive Port and K2 to the same numbered Transmit Port on any card of the Lower Card Cage.*

STEP 4: Ensure the VelocityKVM-24UD Transmitter's ON/OFF switch is in the OFF (0) position. Connect the AC Power Cord and plug it into a standard AC source. Turn the switch ON.

STEP 5: Connect the DVI cables from the CPU's DVI OUT Ports to the Transmitter's DVI IN Ports. Connect the optional local monitors to the Transmitter's DVI OUT Ports with standard DVI Cables.

STEP 6: Connect your peripheral device sources to the appropriate Transmitter ports. Ensure the CPU is turned ON.

RGB Display & Audio Source



STEP 3: Connect the VelocityRGB-12 Transmitter to the VX320 using multi-mode fiber-optic cables (up to 1000 meters). Connect L1 to any Receive Port of the Upper Card Cage and L2 to the same numbered Transmit Port of the Lower Card Cage.*

STEP 4: Connect the Transmitter's +5VDC Power Supply and plug it into a standard AC source.

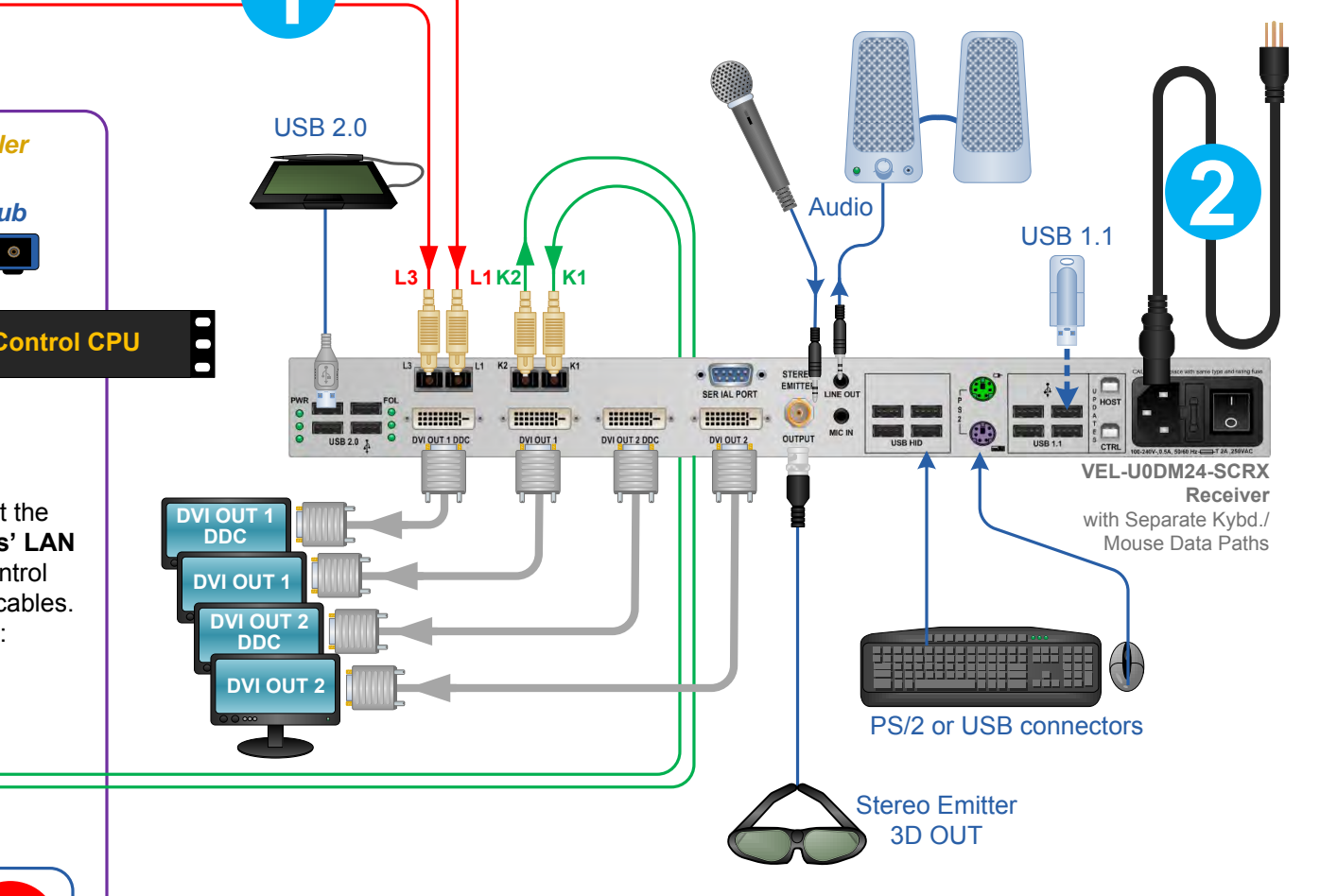
STEP 5: Connect an RGB Video cable from the CPU to the VelocityRGB Transmitter's From CPU Port. Connect the peripheral device sources to the appropriate Transmitter ports with standard cables.

STEP 6: Connect the To Local Display cable from the VelocityRGB Transmitter to your local monitor (optional).

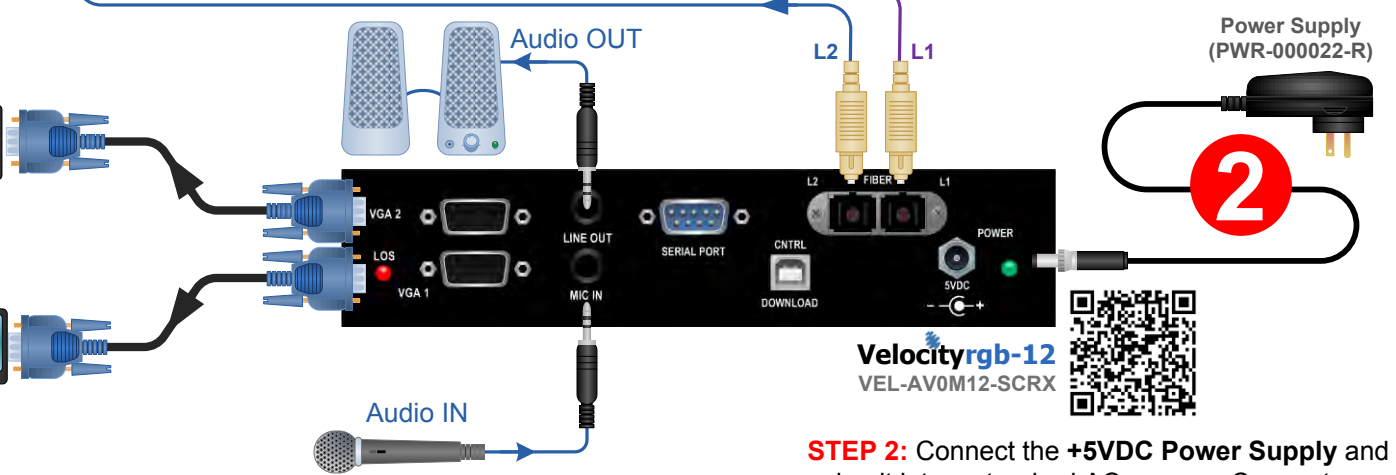
Two DVI Displays & KVM Destination (with Separate Kybd./Mouse Data Paths)

STEP 1: Connect your VelocityKVM-24UD Receiver to the VX320 using multi-mode fiber-optic cables (up to 1000 meters). Connect cables L1 & L3 to any Transmit Ports on any card of the Upper Card Cage. Connect cable K1 to any Transmit Port and K2 to the same numbered Receive Port on any card of the Lower Card Cage, .*

STEP 2: Ensure that the Receiver's ON/OFF switch is in the OFF (0) position. Depending on your configuration, connect your desktop devices (monitors, keyboard, mouse, etc.) to the VelocityKVM Receiver using standard cables as shown in the example below. Turn all the devices ON. Insert the AC power cord into the Receiver and plug it into a standard AC source. Turn the unit ON.

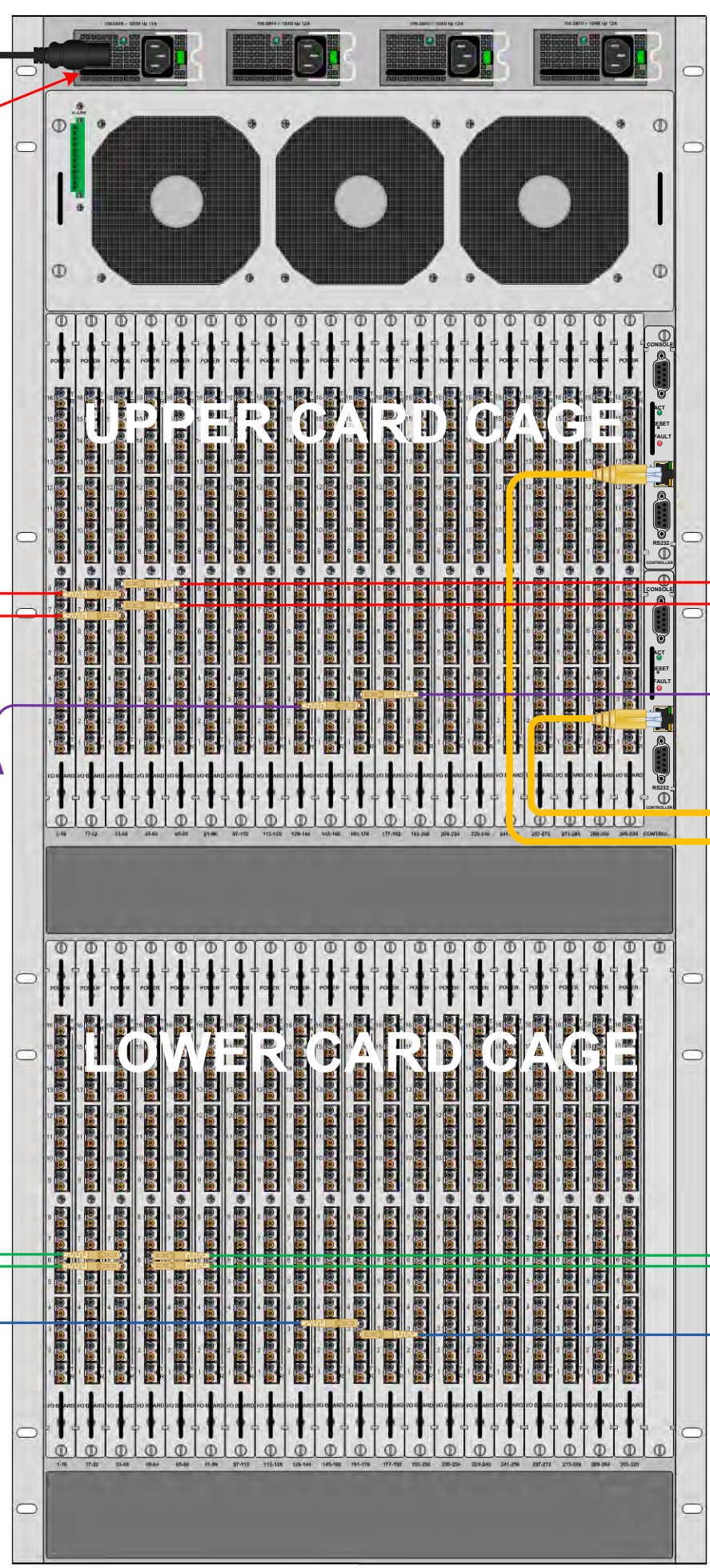


RGB Display & Audio Destination



STEP 1: Connect your VelocityRGB-12 Receiver to the VX320 using multi-mode fiber-optic cables (up to 1000 meters). Connect L1 to any Transmit Port of the Upper Card Cage and L2 to the same numbered Receive Port of the Lower Card Cage.*

STEP 2: Connect the +5VDC Power Supply and plug it into a standard AC source. Connect your display devices to the VelocityRGB Receiver with RGB cables. Turn all the devices ON. The Transmitter and Receiver USB ports are for firmware upgrades available from Thinklogical.



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